

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

ANNUAL REPORT FORM FOR PERMITTED CONFINED ANIMAL FACILITIES

REPORTING PERIOD: 2013

PERMITTEE NAME: William Martin PERMIT NUMBER: 4921-W

PHONE NUMBER: 501-977-4388 AFIN NUMBER: 15-00535

FACILITY TYPE AND SIZE: 4200 head sow farm
(ie., 200 Cow Dairy, 2,500 Swine Finishing, 80,000 Bird Layer Operation, etc.)

WASTE DISPOSAL SYSTEM CONSISTS OF:

Anaerobic digester, aeration and settling basins, holding pond
(ie., Holding Pond, Holding Pond & Settling Basin, Concrete Holding Tank, etc.)

WASTE APPLICATION METHOD: Center Pivot Irrigation and Tank Truck
(ie., Tank Spreader, Irrigation System, etc.)

NO. OF APPLICATION FIELDS: 115

TOTAL AVAILABLE ACREAGE: 5176

WASTEWATER SAMPLE LOCATION: Holding Pond and Settling Basin
(Lagoon During Pumping or Field During Application)

YOU MUST SUBMIT A COPY OF THE **WASTEWATER ANALYSIS** FOR EACH SAMPLE PROVIDED TO THE COOPERATIVE EXTENSION SERVICE OR A PRIVATE LAB. THE WASTEWATER ANALYSIS MUST INCLUDE: pH (su), TOTAL NITROGEN, AMMONIA NITROGEN, TOTAL POTASSIUM, TOTAL PHOSPHORUS, AND PERCENT SOLIDS.

IN ADDITION, YOU MUST SUBMIT A COPY OF THE **SOIL ANALYSIS** FOR EACH FIELD WITH THIS FORM. THE SOIL ANALYSIS MUST INCLUDE: pH (su), POTASSIUM (lbs/ac), PHOSPHORUS (lbs/ac), AND NITRATES (lbs/ac). AT LEAST ONE SOIL ANALYSIS SHOULD BE DONE FOR EACH 30 ACRE TRACT.

PLEASE COMPLETE THE TABLE ON THE BACK FOR THE LAND APPLICATION REPORT. YOU MUST SIGN AND DATE THIS REPORT AND SUBMIT IT TO THE DEPARTMENT PRIOR TO MAY 30th OF EACH YEAR. PLEASE KEEP A COPY OF THIS REPORT, THE SOIL ANALYSIS, AND THE WASTEWATER ANALYSIS FOR YOUR RECORD AT THE FACILITY.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.
I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION.

William Martin
OWNER OR OPERATOR (Please Print)

William Martin
SIGNATURE

5-21-14
DATE

AGRICULTURAL DIAGNOSTIC LABORATORY
 UNIVERSITY OF ARKANSAS- FAYETTEVILLE
 LIQUID MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:	<u>CARGILL PORK, SANDY RIVER FARM</u>	Received in lab:	<u>6/27/2013</u>
Address:	<u>171 SANDY RD.</u>	Mailed:	<u>7/08/2013</u>
City:	<u>MORRILTON</u>	State, Zip:	<u>AR 72110</u>
County:	<u>POPE</u>	Check #:	<u>SEND INVOICE</u>

Lab. No.	<u>M30856</u>		
Sample I.D.	<u>3-IRRIGATION POND</u>	<i>E-mail: richard_gray@cargill.com</i>	
Animal type	<u>swine</u>		
-age/lbs	<u>none given</u>		
Bedding type	<u>none</u>		
Manure type	<u>pond liquid</u>		
Sample date	<u>6/24/2013</u>		
Age of manure	<u>6 months</u>		
pH	<u>8.5</u>		
EC(umhos/cm)	<u>6920</u>		
% Solids	<u>0.36</u>		

-mg/l on as-is basis-

Total N	<u>592</u>	Total Mg	<u>8.4</u>	Water Extractable P	<u>57.3</u>
Total P	<u>65.8</u>	Total S	<u>67.5</u>		
Total K	<u>795</u>	Total Fe			
Total Ca	<u>27.5</u>	Total Mn	<u><0.007</u>		
NH4-N	<u>466</u>	Total Zn	<u>3.2</u>		
NO3-N		Total Cu	<u>0.7</u>		

-lbs/1000 gal on as-is basis-

Total N	<u>4.9</u>	Total Mg	<u>0.07</u>	Water Extractable P	<u>0.48</u>
TOTAL P AS "P2O5"	<u>1.3</u>	Total S	<u>0.56</u>		
TOTAL K AS "K2O"	<u>8.0</u>	Total Fe			
Total Ca	<u>0.23</u>	Total Mn	<u><0.0001</u>		
NH4-N	<u>3.9</u>	Total Zn	<u>0.03</u>		
NO3-N		Total Cu	<u>0.006</u>		

*lbs/1000gal P2O5 = mg/l Total P on "as-is" basis multiplied by 2.29*0.00833

*lbs/1000gal K2O = mg/l Total K on "as-is" basis multiplied by 1.2*0.00833

*Water Extractable P: 1:100 solids to H2O ratio, 1 hr shake, centrifuged, filtered, acidified, analysis by ICP

AGRICULTURAL DIAGNOSTIC LABORATORY
 UNIVERSITY OF ARKANSAS- FAYETTEVILLE
 LIQUID MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:	<u>CARGILL PORK, SANDY RIVER FARM</u>	Received in lab:	<u>6/27/2013</u>
Address:	<u>171 SANDY RD.</u>	Mailed:	<u>7/08/2013</u>
City:	<u>MORRILTON</u>	State, Zip:	<u>AR 72110</u>
County:	<u>POPE</u>	Check #:	<u>SEND INVOICE</u>

Lab. No.	<u>M30854</u>				
Sample I.D.	<u>1-AERATION POND</u>	<i>E-mail: richard_gray@cargill.com</i>			
Animal type	<u>swine</u>				
-age/lbs	<u>none given</u>				
Bedding type	<u>none</u>				
Manure type	<u>pond sludge</u>				
Sample date	<u>6/24/2013</u>				
Age of manure	<u>6 months</u>				
pH	<u>7.6</u>				
EC(umhos/cm)	<u>5800</u>				
% Solids	<u>6.94</u>				

-mg/l on as-is basis-

Total N	<u>4052</u>	Total Mg	<u>2336</u>	Water Extractable P	<u>308.3</u>
Total P	<u>4182</u>	Total S	<u>681</u>		
Total K	<u>1043</u>	Total Fe			
Total Ca	<u>3994</u>	Total Mn	<u>75.0</u>		
NH4-N	<u>1130</u>	Total Zn	<u>199.9</u>		
NO3-N		Total Cu	<u>53.6</u>		

-lbs/1000 gal on as-is basis-

Total N	<u>33.8</u>	Total Mg	<u>19.5</u>	Water Extractable P	<u>2.6</u>
TOTAL P AS "P2O5"	<u>78.8</u>	Total S	<u>5.7</u>		
TOTAL K AS "K2O"	<u>10.4</u>	Total Fe			
Total Ca	<u>33.3</u>	Total Mn	<u>0.6</u>		
NH4-N	<u>9.4</u>	Total Zn	<u>1.7</u>		
NO3-N		Total Cu	<u>0.4</u>		

*lbs/1000gal P2O5 = mg/l Total P on "as-is" basis multiplied by 2.29*0.00833

*lbs/1000gal K2O = mg/l Total K on "as-is" basis multiplied by 1.2*0.00833

*Water Extractable P: 1:100 solids to H2O ratio, 1 hr shake, centrifuged, filtered, acidified, analysis by ICP

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	1
Acres	51
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14366
Sample Number:	1839630

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	84	168	Low
Ca	1032	2064	--
Mg	199	398	--
SO4-S	4	8	--
Zn	7.1	14.2	--
Fe	141	282	--
Mn	84	168	--
Cu	1.6	3.2	--
B	0.4	0.8	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
74.1	53.5	17.2	2.2	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	2
Acres	74
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14367
Sample Number:	1839631

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	149	298	Optimum
Ca	2415	4830	--
Mg	330	660	--
SO4-S	4	8	--
Zn	7.8	15.6	--
Fe	132	264	--
Mn	213	426	--
Cu	2.8	5.6	--
B	0.8	1.6	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
88.5	69.6	15.9	2.2	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	3
Acres:	17
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14368
Sample Number:	1839632

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	120	240	Medium
Ca	3856	7712	--
Mg	158	316	--
SO4-S	5	10	--
Zn	7.2	14.4	--
Fe	151	302	--
Mn	151	302	--
Cu	2.3	4.6	--
B	0.8	1.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	23	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.3	83.7	5.7	1.3	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	4
Acres	74
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14369
Sample Number:	1839633

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	6	12	Very Low
K	98	196	Medium
Ca	3023	6046	--
Mg	171	342	--
SO4-S	5	10	--
Zn	6.5	13.0	--
Fe	158	316	--
Mn	174	348	--
Cu	2.3	4.6	--
B	0.6	1.2	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.4	79.9	7.5	1.3	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	5
Acres	64
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14370
Sample Number:	1839634

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	26	52	Medium
K	115	230	Medium
Ca	1915	3830	--
Mg	308	616	--
SO4-S	6	12	--
Zn	11.3	22.6	--
Fe	138	276	--
Mn	194	388	--
Cu	2.5	5.0	--
B	0.9	1.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.3	65.8	17.6	2.0	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	6
Acres	30
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14371
Sample Number:	1839635

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	19	38	Low
K	111	222	Medium
Ca	1687	3374	--
Mg	255	510	--
SO4-S	3	6	--
Zn	10.5	21.0	--
Fe	125	250	--
Mn	138	276	--
Cu	2.1	4.2	--
B	0.7	1.4	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
84.6	65.1	16.4	2.2	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

Soybean grown on sandy and silt loam soils with pH > 6.5, North of I-40 and West of Crowley's Ridge is susceptible to B-Deficiency, especially near well water inlets. Consider applying B.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	7	
Acres	14	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14372	
Sample Number:	1839636	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	66	132	Low
Ca	359	718	--
Mg	87	174	--
SO4-S	8	16	--
Zn	3.4	6.8	--
Fe	255	510	--
Mn	47	94	--
Cu	1.2	2.4	--
B	0.3	0.6	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
31.7	20.4	8.3	1.9	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	8
Acres	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14373
Sample Number:	1839637

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	56	112	Above Optimum
K	151	302	Optimum
Ca	1264	2528	--
Mg	145	290	--
SO4-S	9	18	--
Zn	4.6	9.2	Optimum
Fe	210	420	--
Mn	69	138	--
Cu	1.9	3.8	--
B	0.4	0.8	--
NO3-N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
69.6	54.9	10.5	3.4	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	9
Acres	21
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14374
Sample Number:	1839638

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	60	120	Above Optimum
K	159	318	Optimum
Ca	1133	2266	--
Mg	140	280	--
SO4-S	7	14	--
Zn	4.6	9.2	Optimum
Fe	145	290	--
Mn	66	132	--
Cu	1.5	3.0	--
B	0.4	0.8	--
NO3-N	10	20	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
67.7	52.2	10.8	3.8	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	10
Acres	36
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14375
Sample Number:	1839639

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	132	264	Optimum
Ca	4548	9096	--
Mg	174	348	--
SO4-S	6	12	--
Zn	6.8	13.6	--
Fe	141	282	--
Mn	165	330	--
Cu	2.4	4.8	--
B	0.8	1.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	27	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.5	85.3	5.4	1.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	11
Acres	20
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14376
Sample Number:	1839640

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	13	26	Very Low
K	152	304	Optimum
Ca	4702	9404	--
Mg	300	600	--
SO4-S	9	18	--
Zn	4.6	9.2	--
Fe	184	368	--
Mn	209	418	--
Cu	2.9	5.8	--
B	1.1	2.2	--
NO3-N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	29	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.0	82.2	8.7	1.4	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	12
Acres	46
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14378
Sample Number:	1839641

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	132	264	Optimum
Ca	4836	9672	--
Mg	307	614	--
SO4-S	11	22	--
Zn	5.5	11.0	--
Fe	223	446	--
Mn	241	482	--
Cu	3.0	6.0	--
B	0.9	1.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	29	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.2	82.4	8.7	1.2	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	13
Acres	24
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14379
Sample Number:	1839642

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	6	12	Very Low
K	163	326	Optimum
Ca	4402	8804	--
Mg	252	504	--
SO4-S	4	8	--
Zn	6.9	13.8	--
Fe	142	284	--
Mn	200	400	--
Cu	2.9	5.8	--
B	0.8	1.6	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	27	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.5	82.3	7.9	1.6	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	14
Acres	13
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14380
Sample Number:	1839643

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	260	520	Above Optimum
Ca	5220	10440	--
Mg	330	660	--
SO4-S	4	8	--
Zn	4.8	9.6	--
Fe	125	250	--
Mn	185	370	--
Cu	3.3	6.6	--
B	1.0	2.0	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	32	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.7	82.3	8.7	2.1	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	15
Acres	13
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14381
Sample Number:	1839644

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	26	52	Medium
K	258	516	Above Optimum
Ca	6643	13286	--
Mg	316	632	--
SO4-S	8	16	--
Zn	7.5	15.0	--
Fe	191	382	--
Mn	143	286	--
Cu	3.3	6.6	--
B	1.0	2.0	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	39	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
94.8	85.9	6.8	1.7	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	16
Acres	10
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14382
Sample Number:	1839645

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	145	290	Optimum
Ca	1539	3078	--
Mg	398	796	--
SO4-S	6	12	--
Zn	3.2	6.4	--
Fe	154	308	--
Mn	82	164	--
Cu	2.0	4.0	--
B	0.4	0.8	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.3	53.0	22.8	2.6	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	17
Acres	35
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14383
Sample Number:	1839646

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	51	102	Above Optimum
K	95	190	Medium
Ca	816	1632	--
Mg	122	244	--
SO4-S	6	12	--
Zn	2.0	4.0	--
Fe	231	462	--
Mn	53	106	--
Cu	1.1	2.2	--
B	0.3	0.6	--
NO3-N	19	38	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
57.5	43.3	10.8	2.6	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	18
Acres	45
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14384
Sample Number:	1839647

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	109	218	Medium
Ca	1226	2452	--
Mg	204	408	--
SO4-S	4	8	--
Zn	5.5	11.0	Optimum
Fe	167	334	--
Mn	111	222	--
Cu	1.6	3.2	--
B	0.5	1.0	--
NO3-N	10	20	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
80.4	60.2	16.7	2.7	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	75	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID: 4799708758
1508 HOLLOWAY	
MORRILTON	AR 72110
Date Processed:	2/13/2013
Field ID:	19
Acres	53
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14385
Sample Number:	1839648

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	31	62	Medium
K	84	168	Low
Ca	1529	3058	--
Mg	187	374	--
SO4-S	5	10	--
Zn	4.4	8.8	--
Fe	198	396	--
Mn	121	242	--
Cu	1.8	3.6	--
B	0.6	1.2	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.6	66.4	13.5	1.9	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	20
Acres	77
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14386
Sample Number:	1839649

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	142	284	Optimum
Ca	4606	9212	--
Mg	301	602	--
SO4-S	12	24	--
Zn	6.1	12.2	--
Fe	257	514	--
Mn	221	442	--
Cu	2.6	5.2	--
B	0.9	1.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	28	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.9	81.8	8.9	1.3	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	21	
Acres	35	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14387	
Sample Number:	1839650	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	114	228	Medium
Ca	1820	3640	--
Mg	252	504	--
SO4-S	4	8	--
Zn	6.1	12.2	--
Fe	147	294	--
Mn	149	298	--
Cu	2.0	4.0	--
B	0.7	1.4	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.3	66.9	15.4	2.1	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	22
Acres	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14388
Sample Number:	1839651

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	49	98	Optimum
K	83	166	Low
Ca	1099	2198	--
Mg	125	250	--
SO4-S	4	8	--
Zn	2.0	4.0	--
Fe	233	466	--
Mn	42	84	--
Cu	1.1	2.2	--
B	0.4	0.8	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.5	61.9	11.7	2.4	1.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	23	
Acres	7	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14390	
Sample Number:	1839652	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	56	112	Above Optimum
K	89	178	Low
Ca	1192	2384	--
Mg	130	260	--
SO4-S	5	10	--
Zn	2.7	5.4	--
Fe	238	476	--
Mn	42	84	--
Cu	1.2	2.4	--
B	0.4	0.8	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.6	63.7	11.6	2.4	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	24	
Acres	3	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14391	
Sample Number:	1839653	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	56	112	Above Optimum
K	136	272	Optimum
Ca	1526	3052	--
Mg	223	446	--
SO4-S	5	10	--
Zn	2.5	5.0	--
Fe	252	504	--
Mn	55	110	--
Cu	1.6	3.2	--
B	0.5	1.0	--
NO3-N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.9	61.5	15.0	2.8	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	25
Acres	23
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14392
Sample Number:	1839654

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	19	38	Low
K	61	122	Low
Ca	703	1406	--
Mg	143	286	--
SO4-S	4	8	--
Zn	1.4	2.8	--
Fe	141	282	--
Mn	38	76	--
Cu	1.0	2.0	--
B	0.2	0.4	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
62.2	44.3	15.0	2.0	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	26
Acres	169
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14393
Sample Number:	1839655

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	8	16	Very Low
K	161	322	Optimum
Ca	4058	8116	--
Mg	238	476	--
SO4-S	6	12	--
Zn	4.5	9.0	Optimum
Fe	149	298	--
Mn	192	384	--
Cu	2.8	5.6	--
B	0.9	1.8	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	25	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.9	81.8	8.0	1.7	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	330	120	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	27
Acres:	5
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14394
Sample Number:	1839656

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	11	22	Very Low
K	193	386	Above Optimum
Ca	4585	9170	--
Mg	227	454	--
SO4-S	4	8	--
Zn	5.1	10.2	--
Fe	110	220	--
Mn	185	370	--
Cu	2.6	5.2	--
B	0.7	1.4	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	27	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.7	83.6	6.9	1.8	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	28
Acres	15
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14395
Sample Number:	1839657

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	13	26	Very Low
K	72	144	Low
Ca	1081	2162	--
Mg	223	446	--
SO4-S	3	6	--
Zn	6.5	13.0	--
Fe	141	282	--
Mn	67	134	--
Cu	1.4	2.8	--
B	0.4	0.8	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
75.1	53.8	18.5	1.8	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	29	
Acres	34	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14396	
Sample Number:	1839658	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	99	198	Medium
Ca	2219	4438	--
Mg	168	336	--
SO4-S	5	10	--
Zn	4.0	8.0	--
Fe	150	300	--
Mn	138	276	--
Cu	1.9	3.8	--
B	0.7	1.4	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.5	74.9	9.4	1.7	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	30
Acres:	41
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14397
Sample Number:	1839659

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	9	18	Very Low
K	111	222	Medium
Ca	3790	7580	--
Mg	192	384	--
SO4-S	9	18	--
Zn	3.5	7.0	--
Fe	133	266	--
Mn	173	346	--
Cu	2.1	4.2	--
B	0.7	1.4	--
NO3-N	14	28	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	23	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.3	82.4	7.0	1.2	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	31
Acres	11
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14398
Sample Number:	1839660

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	262	524	Above Optimum
Ca	6148	12296	--
Mg	319	638	--
SO4-S	6	12	--
Zn	7.6	15.2	--
Fe	208	416	--
Mn	131	262	--
Cu	3.3	6.6	--
B	0.9	1.8	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	36	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
94.5	84.9	7.3	1.9	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	32
Acres:	3
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14399
Sample Number:	1839661

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	34	68	Medium
K	191	382	Above Optimum
Ca	1740	3480	--
Mg	340	680	--
SO4-S	6	12	--
Zn	4.5	9.0	--
Fe	282	564	--
Mn	112	224	--
Cu	2.4	4.8	--
B	0.6	1.2	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
80.2	57.4	18.7	3.2	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	33
Acres:	6
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14400
Sample Number:	1839662

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	19	38	Low
K	161	322	Optimum
Ca	1627	3254	--
Mg	347	694	--
SO4-S	6	12	--
Zn	2.5	5.0	--
Fe	203	406	--
Mn	83	166	--
Cu	2.4	4.8	--
B	0.4	0.8	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.5	55.7	19.8	2.8	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	34
Acres	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14402
Sample Number:	1839663

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	57	114	Above Optimum
K	81	162	Low
Ca	670	1340	--
Mg	83	166	--
SO4-S	5	10	--
Zn	1.5	3.0	--
Fe	211	422	--
Mn	38	76	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO3-N	9	18	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
48.9	38.0	7.9	2.4	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	120	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	35
Acres	35
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14403
Sample Number:	1839664

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	17	34	Low
K	193	386	Above Optimum
Ca	3340	6680	--
Mg	369	738	--
SO4-S	9	18	--
Zn	5.4	10.8	--
Fe	205	410	--
Mn	229	458	--
Cu	3.1	6.2	--
B	1.0	2.0	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	22	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.1	74.4	13.7	2.2	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	36
Acres	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14404
Sample Number:	1839665

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	57	114	Above Optimum
K	90	180	Low
Ca	1201	2402	--
Mg	128	256	--
SO4-S	4	8	--
Zn	2.1	4.2	--
Fe	241	482	--
Mn	45	90	--
Cu	1.2	2.4	--
B	0.4	0.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.6	64.2	11.4	2.5	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	38
Acres	138
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14405
Sample Number:	1839666

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	9	18	Very Low
K	123	246	Medium
Ca	3303	6606	--
Mg	206	412	--
SO4-S	6	12	--
Zn	4.0	8.0	--
Fe	137	274	--
Mn	168	336	--
Cu	2.4	4.8	--
B	0.8	1.6	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	21	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
90.3	80.0	8.3	1.5	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	38
Acres	10
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14406
Sample Number:	1839667

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	49	98	Optimum
K	58	116	Very Low
Ca	453	906	--
Mg	120	240	--
SO4-S	5	10	--
Zn	1.8	3.6	--
Fe	223	446	--
Mn	36	72	--
Cu	0.9	1.8	--
B	0.3	0.6	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
43.6	28.4	12.5	1.9	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	140	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	39
Acres:	4
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14407
Sample Number:	1839668

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	55	110	Above Optimum
K	63	126	Low
Ca	490	980	--
Mg	133	266	--
SO4-S	6	12	--
Zn	3.4	6.8	--
Fe	240	480	--
Mn	43	86	--
Cu	0.9	1.8	--
B	0.3	0.6	--
NO3-N	1	2	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
40.8	26.4	11.9	1.7	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	120	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	40
Acres	17
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14408
Sample Number:	1839669

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	91	182	Medium
Ca	1274	2548	--
Mg	261	522	--
SO4-S	5	10	--
Zn	6.3	12.6	--
Fe	170	340	--
Mn	91	182	--
Cu	1.7	3.4	--
B	0.5	1.0	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.0	56.0	19.1	2.1	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	41
Acres	108
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14409
Sample Number:	1839670

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	52	104	Above Optimum
K	126	252	Medium
Ca	1221	2442	--
Mg	210	420	--
SO4-S	7	14	--
Zn	2.2	4.4	--
Fe	311	622	--
Mn	67	134	--
Cu	1.7	3.4	--
B	0.4	0.8	--
NO3-N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
64.7	47.9	13.7	2.5	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	42
Acres:	4
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14410
Sample Number:	1839671

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	12	24	Very Low
K	85	170	Low
Ca	1450	2900	--
Mg	250	500	--
SO4-S	5	10	--
Zn	4.6	9.2	--
Fe	125	250	--
Mn	82	164	--
Cu	1.7	3.4	--
B	0.5	1.0	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
76.3	57.3	16.5	1.7	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	43
Acres	14
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14411
Sample Number:	1839672

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	31	62	Medium
K	136	272	Optimum
Ca	1326	2652	--
Mg	319	638	--
SO4-S	5	10	--
Zn	2.4	4.8	--
Fe	335	670	--
Mn	61	122	--
Cu	2.4	4.8	--
B	0.5	1.0	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
73.5	50.1	20.1	2.6	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	44	
Acres	12	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14412	
Sample Number:	1839673	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	55	110	Above Optimum
K	95	190	Medium
Ca	950	1900	--
Mg	138	276	--
SO4-S	6	12	--
Zn	2.8	5.6	--
Fe	169	338	--
Mn	33	66	--
Cu	1.2	2.4	--
B	0.3	0.6	--
NO3-N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
71.5	54.2	13.1	2.8	1.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	45
Acres	37
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14414
Sample Number:	1839674

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	38	76	Optimum
K	116	232	Medium
Ca	1151	2302	--
Mg	283	566	--
SO4-S	6	12	--
Zn	5.6	11.2	--
Fe	175	350	--
Mn	60	120	--
Cu	2.1	4.2	--
B	0.5	1.0	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
70.9	47.9	19.6	2.5	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (132)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 2 ton/acre (132)	100	0	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply the recommended rates of N, P, and K just before growth begins in spring when night temperatures are > 60 degrees F for one week.

If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	46 A	
Acres	52	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14415	
Sample Number:	1839675	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	74	148	Above Optimum
K	189	378	Above Optimum
Ca	1315	2630	--
Mg	313	626	--
SO4-S	8	16	--
Zn	6.5	13.0	--
Fe	296	592	--
Mn	69	138	--
Cu	3.0	6.0	--
B	0.7	1.4	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
73.9	49.0	19.4	3.6	1.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	47
Acres:	18
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14416
Sample Number:	1839676

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	29	58	Medium
K	128	256	Medium
Ca	1459	2918	--
Mg	227	454	--
SO4-S	7	14	--
Zn	4.2	8.4	Optimum
Fe	160	320	--
Mn	70	140	--
Cu	1.5	3.0	--
B	0.5	1.0	--
NO3-N	20	40	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.8	62.7	16.3	2.8	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	75	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	48
Acres	102
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14417
Sample Number:	1839677

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	49	98	Optimum
K	97	194	Medium
Ca	1112	2224	--
Mg	213	426	--
SO4-S	4	8	--
Zn	4.0	8.0	Medium
Fe	145	290	--
Mn	56	112	--
Cu	1.5	3.0	--
B	0.4	0.8	--
NO3-N	9	18	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
71.9	52.1	16.6	2.3	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	75	0	10	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

Apply 10 lb Zn/acre as a granular Zn fertilizer before crop emergence.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	49
Acres	34
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14418
Sample Number:	1839678

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	74	148	Above Optimum
K	72	144	Low
Ca	1220	2440	--
Mg	240	480	--
SO4-S	6	12	--
Zn	8.0	16.0	Optimum
Fe	178	356	--
Mn	35	70	--
Cu	2.7	5.4	--
B	0.5	1.0	--
NO3-N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
73.7	53.5	17.5	1.6	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	110	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	50	
Acres	38	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14419	
Sample Number:	1839679	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	61	122	Above Optimum
K	183	366	Above Optimum
Ca	1386	2772	--
Mg	61	122	--
SO4-S	3	6	--
Zn	5.0	10.0	--
Fe	148	296	--
Mn	34	68	--
Cu	0.9	1.8	--
B	0.4	0.8	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
76.1	66.2	4.9	4.5	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	51
Acres	225
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14420
Sample Number:	1839680

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	92	184	Above Optimum
K	120	240	Medium
Ca	344	688	--
Mg	134	268	--
SO4-S	6	12	--
Zn	3.7	7.4	Medium
Fe	197	394	--
Mn	58	116	--
Cu	0.8	1.6	--
B	0.3	0.6	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
41.8	22.2	14.4	4.0	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	75	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	52	
Acres	13	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14421	
Sample Number:	1839681	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	44	88	Optimum
K	99	198	Medium
Ca	396	792	--
Mg	155	310	--
SO4-S	7	14	--
Zn	3.6	7.2	--
Fe	208	416	--
Mn	60	120	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
39.6	21.8	14.2	2.8	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	53
Acres	155
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14422
Sample Number:	1839682

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	96	192	Above Optimum
K	90	180	Low
Ca	397	794	--
Mg	124	248	--
SO4-S	4	8	--
Zn	7.8	15.6	--
Fe	143	286	--
Mn	53	106	--
Cu	1.4	2.8	--
B	0.2	0.4	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
42.5	25.4	13.2	2.9	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	2000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	54
Acres:	17
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14423
Sample Number:	1839683

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	70	140	Above Optimum
K	124	248	Medium
Ca	197	394	--
Mg	67	134	--
SO4-S	9	18	--
Zn	5.6	11.2	--
Fe	198	396	--
Mn	53	106	--
Cu	0.7	1.4	--
B	0.2	0.4	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	6	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
29.8	15.4	8.7	5.0	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	55
Acres	24
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14424
Sample Number:	1839684

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	55	110	Above Optimum
K	93	186	Medium
Ca	875	1750	--
Mg	142	284	--
SO4-S	6	12	--
Zn	4.2	8.4	--
Fe	170	340	--
Mn	36	72	--
Cu	1.1	2.2	--
B	0.3	0.6	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
66.2	49.3	13.3	2.7	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	56
Acres	14
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14426
Sample Number:	1839685

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	13	26	Very Low
K	169	338	Optimum
Ca	2096	4192	--
Mg	342	684	--
SO4-S	7	14	--
Zn	0.5	1.0	--
Fe	139	278	--
Mn	83	166	--
Cu	1.9	3.8	--
B	0.4	0.8	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.9	60.3	16.4	2.5	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	57
Acres	70
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14427
Sample Number:	1839686

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	77	154	Above Optimum
K	132	264	Optimum
Ca	1469	2938	--
Mg	235	470	--
SO4-S	7	14	--
Zn	8.0	16.0	--
Fe	138	276	--
Mn	102	204	--
Cu	2.6	5.2	--
B	0.6	1.2	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.5	60.1	16.0	2.8	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	58
Acres	529
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14428
Sample Number:	1839687

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	168	336	Above Optimum
K	90	180	Low
Ca	1107	2214	--
Mg	200	400	--
SO4-S	7	14	--
Zn	8.0	16.0	--
Fe	147	294	--
Mn	48	96	--
Cu	2.1	4.2	--
B	0.4	0.8	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.0	58.3	17.5	2.4	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	59
Acres	43
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14429
Sample Number:	1839688

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	133	266	Optimum
Ca	1529	3058	--
Mg	259	518	--
SO4-S	6	12	--
Zn	0.8	1.6	--
Fe	158	316	--
Mn	34	68	--
Cu	1.1	2.2	--
B	0.3	0.6	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
69.5	51.9	14.6	2.3	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	50	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	60
Acres	17
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14430
Sample Number:	1839689

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	210	420	Above Optimum
Ca	3212	6424	--
Mg	332	664	--
SO4-S	7	14	--
Zn	5.4	10.8	--
Fe	183	366	--
Mn	145	290	--
Cu	2.6	5.2	--
B	1.1	2.2	--
NO3-N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	22	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
90.7	74.6	12.9	2.5	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	61	
Acres	13	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14431	
Sample Number:	1839690	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	17	34	Low
K	223	446	Above Optimum
Ca	3753	7506	--
Mg	361	722	--
SO4-S	7	14	--
Zn	5.6	11.2	--
Fe	204	408	--
Mn	148	296	--
Cu	2.9	5.8	--
B	1.2	2.4	--
NO3-N	14	28	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	25	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.8	76.5	12.3	2.3	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	62
Acres	10
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14432
Sample Number:	1839691

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	115	230	Medium
Ca	818	1636	--
Mg	217	434	--
SO4-S	7	14	--
Zn	2.2	4.4	--
Fe	135	270	--
Mn	65	130	--
Cu	0.7	1.4	--
B	0.3	0.6	--
NO3-N	19	38	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
61.0	39.9	17.6	2.9	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	63
Acres:	4
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14433
Sample Number:	1839692

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	93	186	Above Optimum
K	178	356	Above Optimum
Ca	957	1914	--
Mg	181	362	--
SO4-S	14	28	--
Zn	3.5	7.0	--
Fe	239	478	--
Mn	80	160	--
Cu	1.3	2.6	--
B	0.5	1.0	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
51.2	35.9	11.3	3.4	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	64
Acres	49
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14434
Sample Number:	1839693

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	219	438	Above Optimum
Ca	3469	6938	--
Mg	354	708	--
SO4-S	7	14	--
Zn	5.6	11.2	--
Fe	207	414	--
Mn	156	312	--
Cu	2.8	5.6	--
B	1.2	2.4	--
NO3-N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	23	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.3	75.3	12.8	2.4	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	65
Acres:	1
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14435
Sample Number:	1839694

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	86	172	Above Optimum
K	167	334	Optimum
Ca	892	1784	--
Mg	132	264	--
SO4-S	12	24	--
Zn	5.2	10.4	--
Fe	229	458	--
Mn	127	254	--
Cu	1.1	2.2	--
B	0.4	0.8	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
57.4	42.2	10.4	4.1	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	66
Acres:	2
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14436
Sample Number:	1839695

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	90	180	Above Optimum
K	169	338	Optimum
Ca	996	1992	--
Mg	178	356	--
SO4-S	15	30	--
Zn	3.2	6.4	--
Fe	234	468	--
Mn	78	156	--
Cu	1.3	2.6	--
B	0.5	1.0	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
51.9	36.9	11.0	3.2	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	67
Acres	27
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14438
Sample Number:	1839696

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	59	118	Above Optimum
K	254	508	Above Optimum
Ca	2270	4540	--
Mg	348	696	--
SO4-S	6	12	--
Zn	6.6	13.2	--
Fe	183	366	--
Mn	197	394	--
Cu	2.3	4.6	--
B	0.9	1.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.7	64.9	16.6	3.7	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	68
Acres	41
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14439
Sample Number:	1839697

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	31	62	Medium
K	119	238	Medium
Ca	2042	4084	--
Mg	202	404	--
SO4-S	5	10	--
Zn	5.0	10.0	Optimum
Fe	121	242	--
Mn	157	314	--
Cu	1.7	3.4	--
B	0.7	1.4	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.0	71.6	11.8	2.1	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	75	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	69	
Acres	34	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14440	
Sample Number:	1839698	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	20	40	Low
K	50	100	Very Low
Ca	481	962	--
Mg	159	318	--
SO4-S	6	12	--
Zn	2.8	5.6	--
Fe	164	328	--
Mn	80	160	--
Cu	0.4	0.8	--
B	0.2	0.4	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
46.7	28.5	15.7	1.5	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	140	0	0	0	2000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	70	
Acres	61	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14441	
Sample Number:	1839699	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	21	42	Low
K	79	158	Low
Ca	1135	2270	--
Mg	175	350	--
SO4-S	6	12	--
Zn	3.3	6.6	--
Fe	146	292	--
Mn	84	168	--
Cu	0.6	1.2	--
B	0.5	1.0	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.7	60.4	15.5	2.2	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	71
Acres:	4
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14442
Sample Number:	1839700

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	16	32	Low
K	55	110	Very Low
Ca	848	1696	--
Mg	157	314	--
SO4-S	7	14	--
Zn	4.5	9.0	--
Fe	156	312	--
Mn	64	128	--
Cu	0.5	1.0	--
B	0.5	1.0	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
74.3	54.6	16.8	1.8	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	140	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	72
Acres	15
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14443
Sample Number:	1839701

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	34	68	Medium
K	78	156	Low
Ca	487	974	--
Mg	124	248	--
SO4-S	7	14	--
Zn	1.1	2.2	--
Fe	183	366	--
Mn	71	142	--
Cu	0.8	1.6	--
B	0.2	0.4	--
NO3-N	1	2	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
40.5	26.3	11.2	2.2	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	120	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	73
Acres:	7
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14444
Sample Number:	1839702

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	50	100	Optimum
K	91	182	Medium
Ca	562	1124	--
Mg	167	334	--
SO4-S	7	14	--
Zn	1.1	2.2	--
Fe	249	498	--
Mn	84	168	--
Cu	0.8	1.6	--
B	0.3	0.6	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
45.1	28.0	13.9	2.3	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	74
Acres	100
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14445
Sample Number:	1839703

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	90	180	Low
Ca	1359	2718	--
Mg	270	540	--
SO4-S	7	14	--
Zn	2.2	4.4	--
Fe	219	438	--
Mn	73	146	--
Cu	1.3	2.6	--
B	0.5	1.0	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.0	57.1	18.9	1.9	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	75
Acres	19
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14446
Sample Number:	1839704

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	25	50	Low
K	128	256	Medium
Ca	1019	2038	--
Mg	240	480	--
SO4-S	7	14	--
Zn	1.1	2.2	--
Fe	133	266	--
Mn	62	124	--
Cu	1.1	2.2	--
B	0.3	0.6	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
65.2	44.3	17.4	2.9	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	76
Acres:	78
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14447
Sample Number:	1839705

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	125	250	Medium
Ca	583	1166	--
Mg	132	264	--
SO4-S	13	26	--
Zn	2.9	5.8	--
Fe	285	570	--
Mn	87	174	--
Cu	0.8	1.6	--
B	0.4	0.8	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
42.4	28.0	10.6	3.1	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	77
Acres	132
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14448
Sample Number:	1839706

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	17	34	Low
K	103	206	Medium
Ca	1206	2412	--
Mg	242	484	--
SO4-S	4	8	--
Zn	5.9	11.8	--
Fe	138	276	--
Mn	121	242	--
Cu	1.2	2.4	--
B	0.6	1.2	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.0	55.4	18.5	2.4	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	78
Acres	109
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14450
Sample Number:	1839707

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	100	200	Medium
Ca	1362	2724	--
Mg	263	526	--
SO4-S	5	10	--
Zn	6.5	13.0	Optimum
Fe	135	270	--
Mn	130	260	--
Cu	1.4	2.8	--
B	0.6	1.2	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.9	57.6	18.5	2.2	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	100	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	79
Acres	149
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14451
Sample Number:	1839708

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	17	34	Low
K	210	420	Above Optimum
Ca	4434	8868	--
Mg	222	444	--
SO4-S	5	10	--
Zn	5.0	10.0	Optimum
Fe	106	212	--
Mn	151	302	--
Cu	2.0	4.0	--
B	0.9	1.8	--
NO3-N	9	18	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	27	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.5	83.2	6.9	2.0	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	330	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	80
Acres	331
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14452
Sample Number:	1839709

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	20	40	Low
K	153	306	Optimum
Ca	2864	5728	--
Mg	220	440	--
SO4-S	5	10	--
Zn	6.3	12.6	Optimum
Fe	119	238	--
Mn	157	314	--
Cu	2.0	4.0	--
B	0.9	1.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.3	76.8	9.8	2.1	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	330	100	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	81
Acres	60
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14453
Sample Number:	1839710

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	36	72	Optimum
K	83	166	Low
Ca	652	1304	--
Mg	117	234	--
SO4-S	9	18	--
Zn	0.7	1.4	--
Fe	196	392	--
Mn	55	110	--
Cu	0.9	1.8	--
B	0.3	0.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
45.0	32.6	9.7	2.1	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	90	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	82
Acres	44
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14454
Sample Number:	1839711

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	64	128	Above Optimum
K	236	472	Above Optimum
Ca	1915	3830	--
Mg	339	678	--
SO4-S	7	14	--
Zn	8.6	17.2	--
Fe	210	420	--
Mn	137	274	--
Cu	2.2	4.4	--
B	0.8	1.6	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.9	57.7	17.0	3.6	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	83
Acres	50
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14455
Sample Number:	1839712

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	20	40	Low
K	72	144	Low
Ca	690	1380	--
Mg	176	352	--
SO4-S	8	16	--
Zn	3.0	6.0	--
Fe	188	376	--
Mn	48	96	--
Cu	0.5	1.0	--
B	0.3	0.6	--
NO3-N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
48.5	32.3	13.7	1.7	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (132)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 2 ton/acre (132)	100	60	150	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply the recommended rates of N, P, and K just before growth begins in spring when night temperatures are > 60 degrees F for one week.

If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	84	
Acres	54	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14456	
Sample Number:	1839713	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	21	42	Low
K	85	170	Low
Ca	604	1208	--
Mg	177	354	--
SO4-S	7	14	--
Zn	2.8	5.6	--
Fe	132	264	--
Mn	58	116	--
Cu	0.6	1.2	--
B	0.2	0.4	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
54.4	34.4	16.8	2.5	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Wheat (16)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	85
Acres	80
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14457
Sample Number:	1839714

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	169	338	Optimum
Ca	1730	3460	--
Mg	341	682	--
SO4-S	6	12	--
Zn	4.0	8.0	--
Fe	187	374	--
Mn	133	266	--
Cu	1.9	3.8	--
B	0.7	1.4	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	16	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.4	55.7	18.3	2.8	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	86
Acres	28
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14458
Sample Number:	1839715

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	120	240	Medium
Ca	1305	2610	--
Mg	234	468	--
SO4-S	6	12	--
Zn	3.4	6.8	--
Fe	183	366	--
Mn	100	200	--
Cu	1.4	2.8	--
B	0.6	1.2	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
81.6	60.0	17.9	2.8	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	87
Acres	23
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14459
Sample Number:	1839716

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	26	52	Medium
K	123	246	Medium
Ca	902	1804	--
Mg	265	530	--
SO4-S	10	20	--
Zn	3.1	6.2	--
Fe	234	468	--
Mn	115	230	--
Cu	1.8	3.6	--
B	0.4	0.8	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
61.2	38.9	19.0	2.7	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	88
Acres	40
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14460
Sample Number:	1839717

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	21	42	Low
K	89	178	Low
Ca	638	1276	--
Mg	174	348	--
SO4-S	7	14	--
Zn	2.7	5.4	--
Fe	188	376	--
Mn	56	112	--
Cu	0.7	1.4	--
B	0.3	0.6	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
47.4	30.5	13.9	2.2	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	89	
Acres	38	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14462	
Sample Number:	1839718	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	85	170	Low
Ca	550	1100	--
Mg	148	296	--
SO4-S	6	12	--
Zn	1.8	3.6	--
Fe	149	298	--
Mn	56	112	--
Cu	0.5	1.0	--
B	0.2	0.4	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
48.7	31.4	14.1	2.5	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN	Client ID:	4799708758
1508 HOLLOWAY		
MORRILTON	AR	72110
Date Processed:	2/13/2013	
Field ID:	91	
Acres	37	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	14464	
Sample Number:	1839720	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	90	180	Low
Ca	761	1522	--
Mg	300	600	--
SO4-S	8	16	--
Zn	4.5	9.0	--
Fe	163	326	--
Mn	78	156	--
Cu	0.9	1.8	--
B	0.3	0.6	--
NO3-N	3	6	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
54.7	31.3	20.6	1.9	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	90
Acres	16
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14463
Sample Number:	1839719

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	119	238	Above Optimum
K	136	272	Optimum
Ca	998	1996	--
Mg	133	266	--
SO4-S	6	12	--
Zn	35.8	71.6	--
Fe	192	384	--
Mn	64	128	--
Cu	2.9	5.8	--
B	0.5	1.0	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.8	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
61.9	47.5	10.6	3.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	92
Acres	42
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14465
Sample Number:	1839721

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	13	26	Very Low
K	89	178	Low
Ca	1016	2032	--
Mg	249	498	--
SO4-S	5	10	--
Zn	1.6	3.2	--
Fe	146	292	--
Mn	65	130	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
71.4	48.5	19.8	2.2	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	93
Acres	210
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14466
Sample Number:	1839722

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	82	164	Above Optimum
K	96	192	Medium
Ca	189	378	--
Mg	74	148	--
SO4-S	8	16	--
Zn	4.8	9.6	--
Fe	171	342	--
Mn	34	68	--
Cu	0.5	1.0	--
B	0.2	0.4	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	7	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
27.2	13.8	9.0	3.6	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	94
Acres	20
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14467
Sample Number:	1839723

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	11	22	Very Low
K	76	152	Low
Ca	948	1896	--
Mg	201	402	--
SO4-S	11	22	--
Zn	1.2	2.4	--
Fe	149	298	--
Mn	78	156	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
59.8	42.4	15.0	1.7	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	90	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	95
Acres:	7
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14468
Sample Number:	1839724

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	125	250	Medium
Ca	673	1346	--
Mg	193	386	--
SO4-S	9	18	--
Zn	1.8	3.6	--
Fe	242	484	--
Mn	59	118	--
Cu	1.1	2.2	--
B	0.4	0.8	--
NO3-N	9	18	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
49.4	31.0	14.8	2.9	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	96
Acres:	7
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14469
Sample Number:	1839725

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	25	50	Low
K	118	236	Medium
Ca	764	1528	--
Mg	228	456	--
SO4-S	8	16	--
Zn	1.7	3.4	--
Fe	202	404	--
Mn	73	146	--
Cu	1.0	2.0	--
B	0.4	0.8	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.7	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
60.3	37.9	18.8	3.0	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	97
Acres:	5
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14470
Sample Number:	1839726

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	97	194	Medium
Ca	1028	2056	--
Mg	266	532	--
SO4-S	8	16	--
Zn	1.9	3.8	--
Fe	158	316	--
Mn	75	150	--
Cu	1.1	2.2	--
B	0.4	0.8	--
NO3-N	10	20	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
63.1	42.2	18.2	2.0	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	98
Acres	13
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14471
Sample Number:	1839727

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	161	322	Optimum
Ca	1506	3012	--
Mg	390	780	--
SO4-S	5	10	--
Zn	1.5	3.0	--
Fe	133	266	--
Mn	96	192	--
Cu	1.5	3.0	--
B	0.4	0.8	--
NO3-N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
76.4	50.8	21.9	2.8	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	99
Acres:	17
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14472
Sample Number:	1839728

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	129	258	Medium
Ca	990	1980	--
Mg	275	550	--
SO4-S	7	14	--
Zn	3.1	6.2	--
Fe	234	468	--
Mn	83	166	--
Cu	1.6	3.2	--
B	0.5	1.0	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
65.7	42.5	19.7	2.8	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	100
Acres	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14333
Sample Number:	1839729

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	15	30	Very Low
K	58	116	Very Low
Ca	577	1154	--
Mg	150	300	--
SO4-S	1	2	--
Zn	1.9	3.8	--
Fe	108	216	--
Mn	42	84	--
Cu	0.8	1.6	--
B	0.2	0.4	--
NO3-N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	7	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
63.7	41.9	18.1	2.2	1.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	140	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO4-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	101
Acres	14
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14334
Sample Number:	1839730

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	28	56	Medium
K	84	168	Low
Ca	1096	2192	--
Mg	269	538	--
SO4-S	9	18	--
Zn	4.1	8.2	--
Fe	182	364	--
Mn	51	102	--
Cu	2.1	4.2	--
B	0.4	0.8	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
66.7	45.6	18.6	1.8	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (142)	----- lb/acre -----						
Crop 1	Mixed Cool and Warm Season Grasses 2 ton (142)	80	50	150	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

To favor cool-season grasses, apply fertilizer in late winter. To favor warm-season grasses, do not apply N until May 1.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	102
Acres	157
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14335
Sample Number:	1839731

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	54	108	Above Optimum
K	307	614	Above Optimum
Ca	3035	6070	--
Mg	567	1134	--
SO4-S	7	14	--
Zn	4.4	8.8	--
Fe	196	392	--
Mn	125	250	--
Cu	3.2	6.4	--
B	0.8	1.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.1	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	23	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.2	66.6	20.7	3.5	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Sorghum (7)	----- lb/acre -----						
Crop 1	Sorghum for grain - Non-Irrigated (7)	150	0	0	0	0	0	0
Crop 2	Hay - Warm-Season Grasses (MNT) - 2 ton/acre (132)	100	0	0	0	0	0	0
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of total-N rate immediately before or after planting and side-dress remaining N fertilizer when grain sorghum reaches 6 leaf stage (V6).
 If S-deficiency has occurred on this soil before apply 20 lb. SO4-S/acre.

5. Crop 2 Notes:

Apply the recommended rates of N, P, and K just before growth begins in spring when night temperatures are > 60 degrees F for one week.
 If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	103
Acres	40
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14336
Sample Number:	1839732

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	121	242	Above Optimum
K	127	254	Medium
Ca	608	1216	--
Mg	134	268	--
SO4-S	10	20	--
Zn	3.0	6.0	--
Fe	316	632	--
Mn	62	124	--
Cu	0.7	1.4	--
B	0.3	0.6	--
NO3-N	9	18	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
50.4	33.5	12.3	3.6	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	0	250	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	104
Acres	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14337
Sample Number:	1839733

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	67	134	Above Optimum
K	245	490	Above Optimum
Ca	2164	4328	--
Mg	362	724	--
SO4-S	7	14	--
Zn	11.1	22.2	--
Fe	229	458	--
Mn	151	302	--
Cu	2.9	5.8	--
B	0.8	1.6	--
NO3-N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.5	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	18	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.9	61.6	17.2	3.6	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	105
Acres	157
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14338
Sample Number:	1839734

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	40	80	Optimum
K	86	172	Low
Ca	1259	2518	--
Mg	275	550	--
SO4-S	10	20	--
Zn	3.4	6.8	--
Fe	219	438	--
Mn	93	186	--
Cu	1.7	3.4	--
B	0.3	0.6	--
NO3-N	5	10	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
61.9	43.6	15.9	1.5	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	45	300	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO4-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	106
Acres	160
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14339
Sample Number:	1839735

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	101	202	Above Optimum
K	112	224	Medium
Ca	486	972	--
Mg	119	238	--
SO4-S	7	14	--
Zn	7.4	14.8	--
Fe	274	548	--
Mn	52	104	--
Cu	1.7	3.4	--
B	0.3	0.6	--
NO3-N	6	12	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
45.7	29.3	12.0	3.5	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
 Soil Analysis Report
 Soil Testing And Research Laboratory
 Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution

WILLIAM MARTIN 1508 HOLLOWAY MORRILTON	Client ID: 4799708758 AR 72110
Date Processed:	2/13/2013
Field ID:	107
Acres	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	14340
Sample Number:	1839736

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	21	42	Low
K	82	164	Low
Ca	970	1940	--
Mg	128	256	--
SO4-S	5	10	--
Zn	2.8	5.6	Medium
Fe	196	392	--
Mn	59	118	--
Cu	1.3	2.6	--
B	0.4	0.8	--
NO3-N	2	4	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.0	---
Soil EC (1:2 soil-water)		umhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
67.8	52.0	11.4	2.3	2.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P2O5	K2O	SO4S	Zn	B	Lime
Last Crop	Soybean (15)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	100	110	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-third to one-half of the total-N rate immediately before or after planting and side-dress the remainder when corn is 10-to 12-inches tall (V6 stage). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling. If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

From: [Ungerank, Colby](#)
To: [Ballew, Lyndsay](#)
Subject: FW: Permit No. 4921-WR-1; AFIN: 15-00535
Date: Friday, October 11, 2013 7:04:57 AM
Attachments: [Martin.pdf](#)

4921-WR-1_Additional Soil Samples

Colby

From: Richard Gray [mailto:Richard_Gray@cargill.com]
Sent: Friday, October 11, 2013 6:35 AM
To: Yarberry, Katherine
Cc: Ungerank, Colby; Patrick Pollack
Subject: Permit No. 4921-WR-1; AFIN: 15-00535

Ms. Yarberry,

Attached are the additional soil samples requested for the modification of the above mentioned permit for Sandy River Farm. Please let me know if any addition information is needed.

Thanks,

RG

Richard Gray
EHS Manager
Cargill Pork, LLC

Cargill

479-576-4534 (Office and Fax)

479-970-8758 (Mobile)

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	1A
Acres:	25
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86798
Sample Number:	2637427

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	33	66	Medium
K	81	162	Low
Ca	761	1522	--
Mg	207	414	--
SO ₄ -S	5	10	--
Zn	2.9	5.8	--
Fe	124	248	--
Mn	60	120	--
Cu	1.3	2.6	--
B	0.2	0.4	--
NO ₃ -N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
65.9	43.3	19.6	2.4	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	2A
Acres:	37
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86799
Sample Number:	2637428

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	9	18	Very Low
K	164	328	Optimum
Ca	5279	10558	--
Mg	228	456	--
SO ₄ -S	9	18	--
Zn	6.6	13.2	--
Fe	101	202	--
Mn	186	372	--
Cu	2.3	4.6	--
B	0.7	1.4	--
NO ₃ -N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	31	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.5	85.6	6.2	1.4	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	2B
Acres:	37
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86800
Sample Number:	2637429

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	213	426	Above Optimum
Ca	3542	7084	--
Mg	250	500	--
SO ₄ -S	8	16	--
Zn	5.7	11.4	--
Fe	124	248	--
Mn	196	392	--
Cu	2.6	5.2	--
B	0.9	1.8	--
NO ₃ -N	23	46	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	22	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.1	79.1	9.3	2.4	0.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	4A
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86801
Sample Number:	2637430

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	11	22	Very Low
K	81	162	Low
Ca	2193	4386	--
Mg	144	288	--
SO ₄ -S	4	8	--
Zn	3.1	6.2	--
Fe	146	292	--
Mn	123	246	--
Cu	1.3	2.6	--
B	0.5	1.0	--
NO ₃ -N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.1	76.1	8.3	1.4	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	4B		
Acres:	33		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86802		
Sample Number:	2637431		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	8	16	Very Low
K	100	200	Medium
Ca	2914	5828	--
Mg	185	370	--
SO ₄ -S	7	14	--
Zn	3.8	7.6	--
Fe	126	252	--
Mn	163	326	--
Cu	1.9	3.8	--
B	0.6	1.2	--
NO ₃ -N	31	62	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	18	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.1	79.1	8.4	1.4	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	80	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	5A
Acres:	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86803
Sample Number:	2637432

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	29	58	Medium
K	110	220	Medium
Ca	1696	3392	--
Mg	345	690	--
SO ₄ -S	6	12	--
Zn	7.8	15.6	--
Fe	114	228	--
Mn	147	294	--
Cu	1.7	3.4	--
B	0.4	0.8	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.4	61.9	21.0	2.1	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	5B	
Acres:	32	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86804	
Sample Number:	2637433	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	33	66	Medium
K	102	204	Medium
Ca	1365	2730	--
Mg	280	560	--
SO ₄ -S	5	10	--
Zn	6.7	13.4	--
Fe	110	220	--
Mn	118	236	--
Cu	1.4	2.8	--
B	0.4	0.8	--
NO ₃ -N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.6	59.5	20.3	2.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	12A
Acres:	20
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86805
Sample Number:	2637434

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	43	86	Optimum
K	71	142	Low
Ca	788	1576	--
Mg	146	292	--
SO ₄ -S	10	20	--
Zn	4.4	8.8	--
Fe	220	440	--
Mn	58	116	--
Cu	2.2	4.4	--
B	0.5	1.0	--
NO ₃ -N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
64.9	46.1	14.2	2.1	2.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	18A	
Acres:	27	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86806	
Sample Number:	2637435	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	78	156	Low
Ca	1566	3132	--
Mg	122	244	--
SO ₄ -S	4	8	--
Zn	5.0	10.0	--
Fe	103	206	--
Mn	95	190	--
Cu	1.3	2.6	--
B	0.3	0.6	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.0	70.6	9.2	1.8	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	19A	
Acres:	26	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86807	
Sample Number:	2637436	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	28	56	Medium
K	89	178	Low
Ca	1774	3548	--
Mg	255	510	--
SO ₄ -S	8	16	--
Zn	5.2	10.4	--
Fe	163	326	--
Mn	167	334	--
Cu	1.9	3.8	--
B	0.7	1.4	--
NO ₃ -N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.0	66.4	15.9	1.7	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	20A
Acres:	38
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86808
Sample Number:	2637437

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	40	80	Optimum
K	189	378	Above Optimum
Ca	5097	10194	--
Mg	416	832	--
SO ₄ -S	15	30	--
Zn	6.1	12.2	--
Fe	268	536	--
Mn	250	500	--
Cu	3.1	6.2	--
B	1.4	2.8	--
NO ₃ -N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	32	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.7	80.3	10.9	1.5	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	20B
Acres:	38
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86810
Sample Number:	2637438

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	128	256	Medium
Ca	4940	9880	--
Mg	339	678	--
SO ₄ -S	15	30	--
Zn	5.3	10.6	--
Fe	227	454	--
Mn	260	520	--
Cu	2.9	5.8	--
B	1.1	2.2	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	30	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.4	82.0	9.4	1.1	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	26A
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86811
Sample Number:	2637439

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	36	72	Optimum
K	81	162	Low
Ca	1674	3348	--
Mg	122	244	--
SO ₄ -S	5	10	--
Zn	6.3	12.6	Optimum
Fe	124	248	--
Mn	92	184	--
Cu	1.5	3.0	--
B	0.3	0.6	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.8	71.9	8.7	1.8	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	110	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	26B
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86812
Sample Number:	2637440

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	10	20	Very Low
K	83	166	Low
Ca	3756	7512	--
Mg	129	258	--
SO ₄ -S	6	12	--
Zn	3.5	7.0	Medium
Fe	111	222	--
Mn	109	218	--
Cu	1.6	3.2	--
B	0.4	0.8	--
NO ₃ -N	15	30	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	22	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.0	84.9	4.9	1.0	0.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	120	110	0	10	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

Apply 10 lb Zn/acre as a granular Zn fertilizer before crop emergence.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	26C
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86813
Sample Number:	2637441

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	17	34	Low
K	107	214	Medium
Ca	2536	5072	--
Mg	297	594	--
SO ₄ -S	7	14	--
Zn	5.3	10.6	Optimum
Fe	137	274	--
Mn	204	408	--
Cu	2.3	4.6	--
B	0.6	1.2	--
NO ₃ -N	18	36	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	18	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
88.6	72.1	14.1	1.6	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	100	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	26D	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86814	
Sample Number:	2637442	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	19	38	Low
K	93	186	Medium
Ca	2193	4386	--
Mg	219	438	--
SO ₄ -S	7	14	--
Zn	4.7	9.4	Optimum
Fe	146	292	--
Mn	148	296	--
Cu	1.9	3.8	--
B	0.7	1.4	--
NO ₃ -N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.8	72.3	12.0	1.6	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	100	75	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	26E
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86815
Sample Number:	2637443

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	22	44	Low
K	76	152	Low
Ca	1508	3016	--
Mg	214	428	--
SO ₄ -S	8	16	--
Zn	5.1	10.2	Optimum
Fe	164	328	--
Mn	106	212	--
Cu	1.1	2.2	--
B	0.5	1.0	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.8	64.8	15.3	1.7	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	190	100	110	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	30A
Acres:	38
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86816
Sample Number:	2637444

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	130	260	Medium
Ca	3295	6590	--
Mg	291	582	--
SO ₄ -S	8	16	--
Zn	5.5	11.0	--
Fe	149	298	--
Mn	251	502	--
Cu	2.9	5.8	--
B	0.9	1.8	--
NO ₃ -N	18	36	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	21	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
90.6	77.3	11.4	1.6	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	37A		
Acres:	34		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86817		
Sample Number:	2637445		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	54	108	Very Low
Ca	1291	2582	--
Mg	222	444	--
SO ₄ -S	6	12	--
Zn	3.1	6.2	--
Fe	167	334	--
Mn	110	220	--
Cu	1.1	2.2	--
B	0.5	1.0	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
81.1	61.1	17.5	1.3	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	100	140	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	37B	
Acres:	34	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86818	
Sample Number:	2637446	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	10	20	Very Low
K	156	312	Optimum
Ca	4115	8230	--
Mg	263	526	--
SO ₄ -S	10	20	--
Zn	3.7	7.4	--
Fe	120	240	--
Mn	203	406	--
Cu	2.5	5.0	--
B	0.9	1.8	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	25	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.1	81.3	8.7	1.6	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	37C	
Acres:	34	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86819	
Sample Number:	2637447	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	16	32	Low
K	81	162	Low
Ca	2055	4110	--
Mg	188	376	--
SO ₄ -S	10	20	--
Zn	3.1	6.2	--
Fe	150	300	--
Mn	134	268	--
Cu	1.5	3.0	--
B	0.6	1.2	--
NO ₃ -N	42	84	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.9	72.5	11.1	1.5	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	37D		
Acres:	34		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86820		
Sample Number:	2637448		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	16	32	Low
K	58	116	Very Low
Ca	1018	2036	--
Mg	177	354	--
SO ₄ -S	5	10	--
Zn	2.7	5.4	--
Fe	133	266	--
Mn	87	174	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.4	57.6	16.7	1.7	1.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	140	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	41A
Acres:	34
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86823
Sample Number:	2637450

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	84	168	Above Optimum
K	109	218	Medium
Ca	852	1704	--
Mg	178	356	--
SO ₄ -S	8	16	--
Zn	2.1	4.2	--
Fe	346	692	--
Mn	52	104	--
Cu	1.0	2.0	--
B	0.8	1.6	--
NO ₃ -N	27	54	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
60.3	42.3	14.7	2.8	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	41B	
Acres:	34	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86824	
Sample Number:	2637451	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	133	266	Optimum
Ca	1506	3012	--
Mg	403	806	--
SO ₄ -S	8	16	--
Zn	2.1	4.2	--
Fe	186	372	--
Mn	99	198	--
Cu	2.0	4.0	--
B	0.5	1.0	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
76.3	50.9	22.7	2.3	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	41C
Acres:	34
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86825
Sample Number:	2637452

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	66	132	Above Optimum
K	110	220	Medium
Ca	744	1488	--
Mg	104	208	--
SO ₄ -S	6	12	--
Zn	1.7	3.4	--
Fe	209	418	--
Mn	30	60	--
Cu	0.6	1.2	--
B	0.4	0.8	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	7	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
66.3	50.2	11.7	3.8	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	46A
Acres:	26
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86826
Sample Number:	2637453

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	76	152	Above Optimum
K	100	200	Medium
Ca	575	1150	--
Mg	144	288	--
SO ₄ -S	9	18	--
Zn	3.4	6.8	Medium
Fe	336	672	--
Mn	63	126	--
Cu	1.3	2.6	--
B	0.7	1.4	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
44.4	29.1	12.1	2.6	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	75	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	48A	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86827	
Sample Number:	2637454	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	182	364	Above Optimum
Ca	2323	4646	--
Mg	422	844	--
SO ₄ -S	14	28	--
Zn	5.2	10.4	--
Fe	258	516	--
Mn	96	192	--
Cu	2.4	4.8	--
B	1.0	2.0	--
NO ₃ -N	15	30	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
84.0	62.0	18.8	2.5	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	48B	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86828	
Sample Number:	2637455	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	14	28	Very Low
K	155	310	Optimum
Ca	2316	4632	--
Mg	419	838	--
SO ₄ -S	19	38	--
Zn	3.8	7.6	--
Fe	160	320	--
Mn	93	186	--
Cu	2.0	4.0	--
B	0.7	1.4	--
NO ₃ -N	31	62	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.4	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
81.7	60.6	18.3	2.1	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	48C	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86829	
Sample Number:	2637456	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	54	108	Above Optimum
K	174	348	Optimum
Ca	1808	3616	--
Mg	380	760	--
SO ₄ -S	22	44	--
Zn	7.1	14.2	--
Fe	450	900	--
Mn	70	140	--
Cu	2.2	4.4	--
B	1.2	2.4	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
68.0	48.2	16.9	2.4	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	0	0	0	0	0	3000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	51A	
Acres:	31	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86830	
Sample Number:	2637457	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	69	138	Above Optimum
K	173	346	Optimum
Ca	460	920	--
Mg	102	204	--
SO ₄ -S	16	32	--
Zn	4.0	8.0	--
Fe	275	550	--
Mn	44	88	--
Cu	0.8	1.6	--
B	0.6	1.2	--
NO ₃ -N	57	114	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
38.4	23.6	8.7	4.6	1.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	51B		
Acres:	31		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86831		
Sample Number:	2637458		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	37	74	Optimum
K	218	436	Above Optimum
Ca	698	1396	--
Mg	134	268	--
SO ₄ -S	8	16	--
Zn	6.1	12.2	--
Fe	148	296	--
Mn	66	132	--
Cu	1.0	2.0	--
B	0.3	0.6	--
NO ₃ -N	27	54	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
57.0	37.5	12.0	6.0	1.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	51C
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86832
Sample Number:	2637459

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	109	218	Above Optimum
K	117	234	Medium
Ca	332	664	--
Mg	116	232	--
SO ₄ -S	12	24	--
Zn	3.7	7.4	--
Fe	275	550	--
Mn	66	132	--
Cu	0.6	1.2	--
B	0.6	1.2	--
NO ₃ -N	51	102	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
30.0	16.6	9.7	3.0	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	51D	
Acres:	31	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86834	
Sample Number:	2637460	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	18	36	Low
K	110	220	Medium
Ca	718	1436	--
Mg	162	324	--
SO ₄ -S	11	22	--
Zn	4.5	9.0	--
Fe	118	236	--
Mn	68	136	--
Cu	0.9	1.8	--
B	0.0	0.0	--
NO ₃ -N	40	80	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
57.2	38.5	14.5	3.0	1.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	51E
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86835
Sample Number:	2637461

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	232	464	Above Optimum
Ca	955	1910	--
Mg	198	396	--
SO ₄ -S	14	28	--
Zn	5.6	11.2	--
Fe	138	276	--
Mn	76	152	--
Cu	1.2	2.4	--
B	0.3	0.6	--
NO ₃ -N	57	114	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
74.4	49.0	16.9	6.1	2.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	51F	
Acres:	31	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86836	
Sample Number:	2637462	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	177	354	Above Optimum
Ca	1308	2616	--
Mg	306	612	--
SO ₄ -S	11	22	--
Zn	7.5	15.0	--
Fe	155	310	--
Mn	121	242	--
Cu	1.6	3.2	--
B	0.3	0.6	--
NO ₃ -N	29	58	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
73.6	49.3	19.2	3.4	1.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	51G
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86837
Sample Number:	2637463

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	47	94	Optimum
K	127	254	Medium
Ca	1839	3678	--
Mg	337	674	--
SO ₄ -S	18	36	--
Zn	9.2	18.4	--
Fe	169	338	--
Mn	153	306	--
Cu	2.0	4.0	--
B	0.6	1.2	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.1	63.7	19.5	2.3	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	53A
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86838
Sample Number:	2637464

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	51	102	Above Optimum
K	168	336	Optimum
Ca	1254	2508	--
Mg	226	452	--
SO ₄ -S	11	22	--
Zn	8.2	16.4	Above Optimum
Fe	156	312	--
Mn	108	216	--
Cu	1.4	2.8	--
B	0.3	0.6	--
NO ₃ -N	31	62	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
81.2	59.0	17.7	4.1	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	190	0	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	53B	
Acres:	31	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86839	
Sample Number:	2637465	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	47	94	Optimum
K	124	248	Medium
Ca	789	1578	--
Mg	228	456	--
SO ₄ -S	12	24	--
Zn	7.1	14.2	Optimum
Fe	142	284	--
Mn	94	188	--
Cu	1.3	2.6	--
B	0.0	0.0	--
NO ₃ -N	42	84	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
58.0	36.8	17.7	3.0	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	190	0	75	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	53C
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86840
Sample Number:	2637466

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	26	52	Medium
K	228	456	Above Optimum
Ca	1315	2630	--
Mg	200	400	--
SO ₄ -S	15	30	--
Zn	7.1	14.2	Optimum
Fe	106	212	--
Mn	107	214	--
Cu	1.3	2.6	--
B	0.4	0.8	--
NO ₃ -N	18	36	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.0	59.3	15.0	5.3	2.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	75	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	53D
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86841
Sample Number:	2637467

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	21	42	Low
K	215	430	Above Optimum
Ca	1852	3704	--
Mg	344	688	--
SO ₄ -S	23	46	--
Zn	11.8	23.6	Above Optimum
Fe	168	336	--
Mn	159	318	--
Cu	2.6	5.2	--
B	0.8	1.6	--
NO ₃ -N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.6	61.9	19.2	3.7	1.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	53E
Acres:	31
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86842
Sample Number:	2637468

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	70	140	Above Optimum
K	153	306	Optimum
Ca	1245	2490	--
Mg	205	410	--
SO ₄ -S	14	28	--
Zn	10.9	21.8	Above Optimum
Fe	261	522	--
Mn	88	176	--
Cu	1.6	3.2	--
B	0.3	0.6	--
NO ₃ -N	16	32	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
70.5	52.4	14.4	3.3	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	57A		
Acres:	30		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86843		
Sample Number:	2637469		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	78	156	Above Optimum
K	213	426	Above Optimum
Ca	1752	3504	--
Mg	442	884	--
SO ₄ -S	13	26	--
Zn	8.7	17.4	Above Optimum
Fe	332	664	--
Mn	88	176	--
Cu	2.6	5.2	--
B	0.3	0.6	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	18	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
72.5	48.2	20.3	3.0	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	57B
Acres:	30
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86844
Sample Number:	2637470

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	39	78	Optimum
K	133	266	Optimum
Ca	1748	3496	--
Mg	359	718	--
SO ₄ -S	13	26	--
Zn	6.9	13.8	Optimum
Fe	211	422	--
Mn	104	208	--
Cu	1.9	3.8	--
B	0.6	1.2	--
NO ₃ -N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
83.1	59.1	20.2	2.3	1.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop	N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop Soybean (14)	----- lb/acre -----						
Crop 1 Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	0
Crop 2							
Crop 3							

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	59A	
Acres:	21	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86846	
Sample Number:	2637471	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	26	52	Medium
K	221	442	Above Optimum
Ca	3281	6562	--
Mg	629	1258	--
SO ₄ -S	7	14	--
Zn	2.0	4.0	--
Fe	174	348	--
Mn	78	156	--
Cu	3.1	6.2	--
B	0.5	1.0	--
NO ₃ -N	15	30	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	24	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.8	67.4	21.5	2.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	64A
Acres:	24
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86847
Sample Number:	2637472

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	30	60	Medium
K	79	158	Low
Ca	949	1898	--
Mg	213	426	--
SO ₄ -S	11	22	--
Zn	4.6	9.2	--
Fe	218	436	--
Mn	60	120	--
Cu	1.4	2.8	--
B	0.0	0.0	--
NO ₃ -N	27	54	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
60.1	42.0	15.7	1.8	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	40	120	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply 0.2 to 0.4 oz Molybdenum/acre to seed.

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	68A
Acres:	20
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86848
Sample Number:	2637473

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	16	32	Low
K	189	378	Above Optimum
Ca	4803	9606	--
Mg	236	472	--
SO ₄ -S	9	18	--
Zn	5.5	11.0	Optimum
Fe	97	194	--
Mn	197	394	--
Cu	2.2	4.4	--
B	0.6	1.2	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	29	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.0	84.1	6.9	1.7	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	70A	
Acres:	30	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86849	
Sample Number:	2637474	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	65	130	Above Optimum
K	210	420	Above Optimum
Ca	2443	4886	--
Mg	434	868	--
SO ₄ -S	16	32	--
Zn	4.8	9.6	--
Fe	234	468	--
Mn	190	380	--
Cu	3.2	6.4	--
B	0.6	1.2	--
NO ₃ -N	4	8	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.4	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	18	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.2	66.1	19.6	2.9	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	70B	
Acres:	30	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86850	
Sample Number:	2637475	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	63	126	Above Optimum
K	134	268	Optimum
Ca	1000	2000	--
Mg	176	352	--
SO ₄ -S	12	24	--
Zn	3.8	7.6	--
Fe	138	276	--
Mn	67	134	--
Cu	1.3	2.6	--
B	0.1	0.2	--
NO ₃ -N	23	46	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.5	56.3	16.5	3.9	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	74A	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86851	
Sample Number:	2637476	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	29	58	Medium
K	86	172	Low
Ca	2322	4644	--
Mg	311	622	--
SO ₄ -S	23	46	--
Zn	2.3	4.6	--
Fe	207	414	--
Mn	117	234	--
Cu	1.8	3.6	--
B	0.7	1.4	--
NO ₃ -N	29	58	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
88.0	69.9	15.6	1.3	1.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	74B	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86852	
Sample Number:	2637477	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	28	56	Medium
K	82	164	Low
Ca	2213	4426	--
Mg	291	582	--
SO ₄ -S	24	48	--
Zn	2.3	4.6	--
Fe	193	386	--
Mn	118	236	--
Cu	1.8	3.6	--
B	0.7	1.4	--
NO ₃ -N	33	66	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	16	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
87.4	69.6	15.3	1.3	1.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	74C	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86853	
Sample Number:	2637478	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	25	50	Low
K	85	170	Low
Ca	2107	4214	--
Mg	276	552	--
SO ₄ -S	18	36	--
Zn	2.5	5.0	--
Fe	193	386	--
Mn	120	240	--
Cu	1.9	3.8	--
B	0.8	1.6	--
NO ₃ -N	23	46	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.9	69.3	15.1	1.4	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	76A		
Acres:	39		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86854		
Sample Number:	2637479		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	119	238	Above Optimum
K	162	324	Optimum
Ca	331	662	--
Mg	92	184	--
SO ₄ -S	22	44	--
Zn	3.6	7.2	--
Fe	442	884	--
Mn	65	130	--
Cu	1.0	2.0	--
B	0.1	0.2	--
NO ₃ -N	54	108	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
29.5	16.7	7.7	4.2	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	76B	
Acres:	39	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86855	
Sample Number:	2637480	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	69	138	Above Optimum
K	105	210	Medium
Ca	227	454	--
Mg	90	180	--
SO ₄ -S	13	26	--
Zn	2.4	4.8	--
Fe	247	494	--
Mn	24	48	--
Cu	0.5	1.0	--
B	0.0	0.0	--
NO ₃ -N	57	114	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
24.1	12.3	8.1	2.9	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	77A	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86856	
Sample Number:	2637481	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	170	340	Optimum
Ca	3596	7192	--
Mg	212	424	--
SO ₄ -S	11	22	--
Zn	9.8	19.6	--
Fe	112	224	--
Mn	160	320	--
Cu	2.2	4.4	--
B	0.6	1.2	--
NO ₃ -N	29	58	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	22	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.0	80.8	7.9	2.0	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	77B	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86858	
Sample Number:	2637482	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	49	98	Optimum
K	187	374	Above Optimum
Ca	1562	3124	--
Mg	280	560	--
SO ₄ -S	11	22	--
Zn	8.1	16.2	--
Fe	137	274	--
Mn	131	262	--
Cu	1.9	3.8	--
B	0.3	0.6	--
NO ₃ -N	27	54	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
84.2	61.6	18.4	3.8	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	77C	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86859	
Sample Number:	2637483	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	48	96	Optimum
K	146	292	Optimum
Ca	727	1454	--
Mg	196	392	--
SO ₄ -S	9	18	--
Zn	7.2	14.4	--
Fe	125	250	--
Mn	69	138	--
Cu	1.1	2.2	--
B	0.0	0.0	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
65.5	41.8	18.8	4.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	77D	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86860	
Sample Number:	2637484	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	33	66	Medium
K	174	348	Optimum
Ca	2239	4478	--
Mg	312	624	--
SO ₄ -S	10	20	--
Zn	11.3	22.6	--
Fe	113	226	--
Mn	208	416	--
Cu	2.1	4.2	--
B	0.5	1.0	--
NO ₃ -N	18	36	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	16	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
87.7	68.7	16.0	2.7	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	78A
Acres:	36
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86861
Sample Number:	2637485

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	73	146	Above Optimum
K	100	200	Medium
Ca	1077	2154	--
Mg	151	302	--
SO ₄ -S	8	16	--
Zn	6.5	13.0	Optimum
Fe	251	502	--
Mn	97	194	--
Cu	1.4	2.8	--
B	0.4	0.8	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
77.7	60.1	14.0	2.9	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop	N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop Soybean (14)	----- lb/acre -----						
Crop 1 Corn for Grain up to 175 bu/acre (3)	220	0	75	0	0	0	0
Crop 2							
Crop 3							

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	78B
Acres:	36
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86862
Sample Number:	2637486

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	32	64	Medium
K	89	178	Low
Ca	787	1574	--
Mg	189	378	--
SO ₄ -S	6	12	--
Zn	4.3	8.6	Optimum
Fe	130	260	--
Mn	66	132	--
Cu	1.0	2.0	--
B	0.0	0.0	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
74.3	50.6	20.2	2.9	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	75	110	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	78C	
Acres:	36	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86863	
Sample Number:	2637487	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	71	142	Above Optimum
K	294	588	Above Optimum
Ca	3389	6778	--
Mg	442	884	--
SO ₄ -S	11	22	--
Zn	12.1	24.2	Above Optimum
Fe	192	384	--
Mn	223	446	--
Cu	3.2	6.4	--
B	0.9	1.8	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	23	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.5	72.2	15.7	3.2	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	79A
Acres:	37
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86864
Sample Number:	2637488

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	32	64	Medium
K	193	386	Above Optimum
Ca	4028	8056	--
Mg	248	496	--
SO ₄ -S	9	18	--
Zn	8.5	17.0	Above Optimum
Fe	123	246	--
Mn	203	406	--
Cu	2.4	4.8	--
B	0.5	1.0	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	25	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
91.9	81.3	8.3	2.0	0.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	75	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	79B
Acres:	37
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86865
Sample Number:	2637489

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	25	50	Low
K	219	438	Above Optimum
Ca	3909	7818	--
Mg	328	656	--
SO ₄ -S	8	16	--
Zn	7.5	15.0	Optimum
Fe	123	246	--
Mn	226	452	--
Cu	2.6	5.2	--
B	0.7	1.4	--
NO ₃ -N	15	30	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	25	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
92.0	78.3	11.0	2.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	100	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN 1508 HOLLOWAY ST MORRILTON	Client ID: 4794772721 AR	72110
Date Processed:	10/10/2013	
Field ID:	79C	
Acres:	37	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86866	
Sample Number:	2637490	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	29	58	Medium
K	257	514	Above Optimum
Ca	4685	9370	--
Mg	356	712	--
SO ₄ -S	9	18	--
Zn	8.1	16.2	Above Optimum
Fe	133	266	--
Mn	224	448	--
Cu	2.9	5.8	--
B	0.7	1.4	--
NO ₃ -N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	29	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Clay	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
93.1	80.2	10.2	2.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	75	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	79D		
Acres:	37		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86867		
Sample Number:	2637491		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	34	68	Medium
K	163	326	Optimum
Ca	2821	5642	--
Mg	257	514	--
SO ₄ -S	10	20	--
Zn	7.8	15.6	Optimum
Fe	126	252	--
Mn	185	370	--
Cu	2.1	4.2	--
B	0.7	1.4	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	19	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.3	75.2	11.4	2.2	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	290	75	50	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	80A	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86868	
Sample Number:	2637492	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	52	104	Above Optimum
K	217	434	Above Optimum
Ca	3058	6116	--
Mg	226	452	--
SO ₄ -S	10	20	--
Zn	8.7	17.4	--
Fe	127	254	--
Mn	147	294	--
Cu	1.9	3.8	--
B	0.6	1.2	--
NO ₃ -N	10	20	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	20	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
89.9	77.1	9.5	2.8	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	80B	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86870	
Sample Number:	2637493	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	164	328	Optimum
Ca	2522	5044	--
Mg	224	448	--
SO ₄ -S	10	20	--
Zn	6.2	12.4	--
Fe	140	280	--
Mn	154	308	--
Cu	1.6	3.2	--
B	0.6	1.2	--
NO ₃ -N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	8.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silty Clay Loam - Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
88.2	74.2	11.0	2.5	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	140	50	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	80C
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86871
Sample Number:	2637494

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	39	78	Optimum
K	156	312	Optimum
Ca	2034	4068	--
Mg	274	548	--
SO ₄ -S	8	16	--
Zn	6.4	12.8	--
Fe	135	270	--
Mn	159	318	--
Cu	1.7	3.4	--
B	0.7	1.4	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
86.6	68.1	15.3	2.7	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	80D	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86872	
Sample Number:	2637495	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	89	178	Above Optimum
K	196	392	Above Optimum
Ca	1233	2466	--
Mg	187	374	--
SO ₄ -S	13	26	--
Zn	7.2	14.4	--
Fe	161	322	--
Mn	99	198	--
Cu	2.2	4.4	--
B	0.3	0.6	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
80.6	59.7	15.1	4.9	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	80E		
Acres:	33		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86873		
Sample Number:	2637496		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	143	286	Optimum
Ca	1471	2942	--
Mg	226	452	--
SO ₄ -S	12	24	--
Zn	6.7	13.4	--
Fe	183	366	--
Mn	138	276	--
Cu	2.2	4.4	--
B	0.4	0.8	--
NO ₃ -N	27	54	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	12	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
82.9	63.0	16.1	3.1	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	80F
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86874
Sample Number:	2637497

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	36	72	Optimum
K	120	240	Medium
Ca	1396	2792	--
Mg	186	372	--
SO ₄ -S	9	18	--
Zn	4.7	9.4	--
Fe	173	346	--
Mn	112	224	--
Cu	1.5	3.0	--
B	0.3	0.6	--
NO ₃ -N	33	66	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
81.7	64.0	14.2	2.8	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	80G	
Acres:	33	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86875	
Sample Number:	2637498	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	37	74	Optimum
K	139	278	Optimum
Ca	1816	3632	--
Mg	247	494	--
SO ₄ -S	8	16	--
Zn	4.4	8.8	--
Fe	188	376	--
Mn	153	306	--
Cu	1.6	3.2	--
B	0.4	0.8	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.3	66.9	15.2	2.6	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	80H		
Acres:	33		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86876		
Sample Number:	2637499		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	65	130	Above Optimum
K	192	384	Above Optimum
Ca	2106	4212	--
Mg	280	560	--
SO ₄ -S	17	34	--
Zn	7.7	15.4	--
Fe	234	468	--
Mn	197	394	--
Cu	2.8	5.6	--
B	0.5	1.0	--
NO ₃ -N	33	66	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.7	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	15	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
87.1	68.1	15.1	3.2	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	801
Acres:	33
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86877
Sample Number:	2637500

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	131	262	Optimum
Ca	2105	4210	--
Mg	356	712	--
SO ₄ -S	7	14	--
Zn	5.5	11.0	--
Fe	156	312	--
Mn	220	440	--
Cu	2.2	4.4	--
B	0.3	0.6	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	16	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
87.5	65.9	18.6	2.1	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	80J		
Acres:	33		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86878		
Sample Number:	2637501		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	64	128	Above Optimum
K	215	430	Above Optimum
Ca	1907	3814	--
Mg	175	350	--
SO ₄ -S	8	16	--
Zn	4.5	9.0	--
Fe	157	314	--
Mn	113	226	--
Cu	1.6	3.2	--
B	0.3	0.6	--
NO ₃ -N	12	24	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.3	70.1	10.7	4.1	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	81A	
Acres:	30	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86879	
Sample Number:	2637502	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	42	84	Optimum
K	96	192	Medium
Ca	572	1144	--
Mg	134	268	--
SO ₄ -S	11	22	--
Zn	1.8	3.6	--
Fe	213	426	--
Mn	65	130	--
Cu	0.8	1.6	--
B	0.0	0.0	--
NO ₃ -N	40	80	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
43.7	29.3	11.4	2.5	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	81B
Acres:	30
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86880
Sample Number:	2637503

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	95	190	Medium
Ca	860	1720	--
Mg	155	310	--
SO ₄ -S	12	24	--
Zn	0.8	1.6	--
Fe	138	276	--
Mn	81	162	--
Cu	1.1	2.2	--
B	0.0	0.0	--
NO ₃ -N	40	80	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
56.9	41.2	12.4	2.3	1.0

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	60	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	82A	
Acres:	22	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86882	
Sample Number:	2637504	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	39	78	Optimum
K	98	196	Medium
Ca	2486	4972	--
Mg	273	546	--
SO ₄ -S	14	28	--
Zn	5.5	11.0	--
Fe	243	486	--
Mn	239	478	--
Cu	2.0	4.0	--
B	0.7	1.4	--
NO ₃ -N	25	50	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	17	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
88.3	72.5	13.3	1.5	1.2

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	83A
Acres:	25
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86883
Sample Number:	2637505

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	22	44	Low
K	137	274	Optimum
Ca	994	1988	--
Mg	317	634	--
SO ₄ -S	13	26	--
Zn	5.6	11.2	--
Fe	155	310	--
Mn	87	174	--
Cu	1.2	2.4	--
B	0.0	0.0	--
NO ₃ -N	101	202	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
59.5	36.6	19.4	2.6	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop	N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop Hay (134)	----- lb/acre -----						
Crop 1 Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	110	200	0	0	0	5000
Crop 2							
Crop 3							

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	84A
Acres:	27
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86884
Sample Number:	2637506

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	34	68	Medium
K	83	166	Low
Ca	368	736	--
Mg	107	214	--
SO ₄ -S	9	18	--
Zn	1.9	3.8	--
Fe	175	350	--
Mn	35	70	--
Cu	0.6	1.2	--
B	0.0	0.0	--
NO ₃ -N	7	14	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
35.2	21.7	10.5	2.5	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop	N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop Hay (134)	----- lb/acre -----						
Crop 1 Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	90	300	0	0	0	4000
Crop 2							
Crop 3							

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO₄-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	85A	
Acres:	40	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86885	
Sample Number:	2637507	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	23	46	Low
K	85	170	Low
Ca	1175	2350	--
Mg	230	460	--
SO ₄ -S	10	20	--
Zn	3.2	6.4	--
Fe	106	212	--
Mn	83	166	--
Cu	1.3	2.6	--
B	0.1	0.2	--
NO ₃ -N	23	46	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
80.2	58.1	18.9	2.2	1.1

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	70	90	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	85B
Acres:	40
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86886
Sample Number:	2637508

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	29	58	Medium
K	98	196	Medium
Ca	1828	3656	--
Mg	266	532	--
SO ₄ -S	15	30	--
Zn	4.0	8.0	--
Fe	183	366	--
Mn	147	294	--
Cu	2.1	4.2	--
B	0.3	0.6	--
NO ₃ -N	35	70	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.4	66.7	16.2	1.8	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	88A
Acres:	20
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86887
Sample Number:	2637509

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	27	54	Medium
K	125	250	Medium
Ca	677	1354	--
Mg	192	384	--
SO ₄ -S	9	18	--
Zn	2.4	4.8	--
Fe	128	256	--
Mn	68	136	--
Cu	0.8	1.6	--
B	0.0	0.0	--
NO ₃ -N	42	84	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.4	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
54.4	34.3	16.2	3.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	50	60	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	92A
Acres:	21
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86888
Sample Number:	2637510

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	24	48	Low
K	74	148	Low
Ca	1863	3726	--
Mg	251	502	--
SO ₄ -S	10	20	--
Zn	2.4	4.8	--
Fe	173	346	--
Mn	111	222	--
Cu	1.7	3.4	--
B	0.5	1.0	--
NO ₃ -N	18	36	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	14	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
85.5	67.6	15.2	1.4	1.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Soybean - Full Season (14)	0	60	120	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

If more than 3 to 5 years have passed since soybeans have been grown in this field inoculate the seed with the proper Rhizobium sp.

Soybean grown on sandy and silt loam soils with pH > 6.9, North of I-40 and West of Crowley's Ridge is susceptible to B-Deficiency, especially near well water inlets. Consider applying B.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	93A	
Acres:	35	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86889	
Sample Number:	2637511	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	139	278	Above Optimum
K	175	350	Optimum
Ca	385	770	--
Mg	123	246	--
SO ₄ -S	13	26	--
Zn	6.7	13.4	--
Fe	312	624	--
Mn	52	104	--
Cu	1.6	3.2	--
B	0.0	0.0	--
NO ₃ -N	51	102	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
36.7	20.3	10.8	4.7	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	93B
Acres:	35
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86890
Sample Number:	2637512

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	133	266	Above Optimum
K	149	298	Optimum
Ca	245	490	--
Mg	90	180	--
SO ₄ -S	12	24	--
Zn	4.4	8.8	--
Fe	314	628	--
Mn	40	80	--
Cu	1.1	2.2	--
B	0.0	0.0	--
NO ₃ -N	35	70	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.4	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
25.5	13.0	8.0	4.1	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	93C
Acres:	35
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86891
Sample Number:	2637513

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	146	292	Above Optimum
K	151	302	Optimum
Ca	214	428	--
Mg	81	162	--
SO ₄ -S	12	24	--
Zn	4.5	9.0	--
Fe	266	532	--
Mn	23	46	--
Cu	1.0	2.0	--
B	0.0	0.0	--
NO ₃ -N	63	126	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.0	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
23.9	11.6	7.3	4.2	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721	
1508 HOLLOWAY ST			
MORRILTON	AR	72110	
Date Processed:	10/10/2013		
Field ID:	93C		
Acres:	35		
Lime Applied in the last 4 years:	No		
Leveled in past 4 years:	No		
Irrigation:	Unknown		
County:	Conway		
Lab Number:	86892		
Sample Number:	2637514		

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	151	302	Above Optimum
K	171	342	Optimum
Ca	480	960	--
Mg	153	306	--
SO ₄ -S	13	26	--
Zn	5.0	10.0	--
Fe	230	460	--
Mn	61	122	--
Cu	1.5	3.0	--
B	0.0	0.0	--
NO ₃ -N	60	120	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
37.3	21.5	11.4	3.9	0.4

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	93E	
Acres:	35	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86894	
Sample Number:	2637515	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	102	204	Above Optimum
K	169	338	Optimum
Ca	510	1020	--
Mg	184	368	--
SO ₄ -S	12	24	--
Zn	3.3	6.6	--
Fe	304	608	--
Mn	68	136	--
Cu	1.6	3.2	--
B	0.2	0.4	--
NO ₃ -N	31	62	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
43.2	24.1	14.5	4.1	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	93F
Acres:	35
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86895
Sample Number:	2637516

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	136	272	Above Optimum
K	263	526	Above Optimum
Ca	353	706	--
Mg	107	214	--
SO ₄ -S	12	24	--
Zn	2.9	5.8	--
Fe	425	850	--
Mn	58	116	--
Cu	1.2	2.4	--
B	0.1	0.2	--
NO ₃ -N	21	42	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
36.0	18.8	9.5	7.2	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	105A
Acres:	39
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86896
Sample Number:	2637517

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	66	132	Above Optimum
K	140	280	Optimum
Ca	883	1766	--
Mg	231	462	--
SO ₄ -S	13	26	--
Zn	2.2	4.4	--
Fe	175	350	--
Mn	71	142	--
Cu	1.2	2.4	--
B	0.0	0.0	--
NO ₃ -N	31	62	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	11	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
62.8	41.0	17.9	3.3	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	0	200	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	105B	
Acres:	39	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86897	
Sample Number:	2637518	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	39	78	Optimum
K	119	238	Medium
Ca	1659	3318	--
Mg	284	568	--
SO ₄ -S	14	28	--
Zn	2.4	4.8	--
Fe	165	330	--
Mn	91	182	--
Cu	1.9	3.8	--
B	0.3	0.6	--
NO ₃ -N	8	16	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
84.7	63.4	18.1	2.3	0.8

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	45	250	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	105C
Acres:	39
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86898
Sample Number:	2637519

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	122	244	Above Optimum
K	170	340	Optimum
Ca	1193	2386	--
Mg	177	354	--
SO ₄ -S	11	22	--
Zn	4.9	9.8	--
Fe	243	486	--
Mn	72	144	--
Cu	2.0	4.0	--
B	0.2	0.4	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.5	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
79.9	60.0	14.8	4.4	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Hay (134)	----- lb/acre -----						
Crop 1	Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	0	200	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO₄-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	105D
Acres:	39
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86899
Sample Number:	2637520

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	71	142	Above Optimum
K	94	188	Medium
Ca	320	640	--
Mg	106	212	--
SO ₄ -S	11	22	--
Zn	1.8	3.6	--
Fe	193	386	--
Mn	37	74	--
Cu	0.9	1.8	--
B	0.0	0.0	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
31.8	18.2	10.0	2.7	0.9

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop	N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop Hay (134)	----- lb/acre -----						
Crop 1 Hay - Warm-Season Grasses (MNT) - 6 ton/acre (134)	300	0	250	0	0	0	5000
Crop 2							
Crop 3							

4. Crop 1 Notes:

For optimum fertilizer efficiency, divide the recommended N, P, and K rates by the estimated number of harvests/year. Make the first fertilizer application in spring when night temperatures are > 60 degrees F for one week. Make subsequent applications following each harvest. Do not apply N after Sept. 1. If S deficiency has occurred previously on this field apply 20 lb SO₄-S/Acre.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	106A
Acres:	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86900
Sample Number:	2637521

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	136	272	Above Optimum
K	124	248	Medium
Ca	584	1168	--
Mg	131	262	--
SO ₄ -S	13	26	--
Zn	5.0	10.0	Optimum
Fe	422	844	--
Mn	67	134	--
Cu	1.9	3.8	--
B	0.0	0.0	--
NO ₃ -N	71	142	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.8	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
42.3	28.1	10.5	3.1	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	190	0	75	0	0	0	5000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	106B
Acres:	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86901
Sample Number:	2637522

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	59	118	Above Optimum
K	107	214	Medium
Ca	401	802	--
Mg	101	202	--
SO ₄ -S	11	22	--
Zn	2.8	5.6	Medium
Fe	204	408	--
Mn	51	102	--
Cu	1.0	2.0	--
B	0.0	0.0	--
NO ₃ -N	19	38	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.9	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
34.5	21.9	9.2	3.0	0.5

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	75	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	106C
Acres:	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86902
Sample Number:	2637523

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	62	124	Above Optimum
K	134	268	Optimum
Ca	580	1160	--
Mg	146	292	--
SO ₄ -S	10	20	--
Zn	3.5	7.0	Medium
Fe	269	538	--
Mn	66	132	--
Cu	1.5	3.0	--
B	0.0	0.0	--
NO ₃ -N	19	38	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
45.2	28.9	12.1	3.4	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST	
MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	106D
Acres:	32
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86903
Sample Number:	2637524

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	80	160	Above Optimum
K	88	176	Low
Ca	211	422	--
Mg	59	118	--
SO ₄ -S	9	18	--
Zn	2.7	5.4	Medium
Fe	177	354	--
Mn	20	40	--
Cu	0.8	1.6	--
B	0.0	0.0	--
NO ₃ -N	15	30	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	4.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	8	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Sandy Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
23.3	13.5	6.3	2.9	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	110	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	106E	
Acres:	32	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86904	
Sample Number:	2637525	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	138	276	Above Optimum
K	169	338	Optimum
Ca	606	1212	--
Mg	138	276	--
SO ₄ -S	11	22	--
Zn	5.2	10.4	Optimum
Fe	372	744	--
Mn	70	140	--
Cu	1.9	3.8	--
B	0.0	0.0	--
NO ₃ -N	19	38	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.1	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
46.0	29.8	11.3	4.3	0.6

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Soybean (14)	----- lb/acre -----						
Crop 1	Corn for Grain up to 175 bu/acre (3)	220	0	50	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Apply one-fourth to one-third of the total-N rate immediately before or after planting and side-dress the remainder when corn is at the V4 to V6 stage (6 to 14 inches tall). Consider a 3-way split with a third split (45 lb N/acre) applied 1 to 2 weeks before tasseling.
 If S-deficiency has occurred on this soil before apply 20 lb. S04-S/acre

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN	Client ID: 4794772721
1508 HOLLOWAY ST MORRILTON	AR 72110
Date Processed:	10/10/2013
Field ID:	107A
Acres:	10
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Conway
Lab Number:	86906
Sample Number:	2637526

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	52	104	Above Optimum
K	131	262	Optimum
Ca	693	1386	--
Mg	121	242	--
SO ₄ -S	9	18	--
Zn	3.0	6.0	--
Fe	192	384	--
Mn	66	132	--
Cu	1.2	2.4	--
B	0.0	0.0	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.2	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	10	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
46.8	33.5	9.8	3.2	0.3

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	4000
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	107B	
Acres:	10	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86907	
Sample Number:	2637527	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	64	128	Above Optimum
K	168	336	Optimum
Ca	1203	2406	--
Mg	224	448	--
SO ₄ -S	12	24	--
Zn	6.3	12.6	--
Fe	246	492	--
Mn	92	184	--
Cu	2.5	5.0	--
B	0.1	0.2	--
NO ₃ -N	13	26	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	13	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam - Silty Clay Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
65.1	46.6	14.5	3.3	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	0	0	0	0	2500
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

Cooperative Extension Service
Soil Analysis Report
Soil Testing And Research Laboratory
Marianna, AR 72360
<http://www.uark.edu/depts/soiltest>

The University of Arkansas is an equal opportunity/affirmative action institution.

WILLIAM MARTIN		Client ID: 4794772721
1508 HOLLOWAY ST		
MORRILTON	AR	72110
Date Processed:	10/10/2013	
Field ID:	107C	
Acres:	10	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Conway	
Lab Number:	86908	
Sample Number:	2637528	

1. Nutrient Availability Index

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	83	166	Above Optimum
K	91	182	Medium
Ca	1200	2400	--
Mg	111	222	--
SO ₄ -S	8	16	--
Zn	9.0	18.0	--
Fe	226	452	--
Mn	55	110	--
Cu	1.4	2.8	--
B	0.1	0.2	--
NO ₃ -N	11	22	--

2. Soil Properties

Property	Value	Units
Soil pH (1:2 soil-water)	7.3	--
Soil EC (1:2 soil-water)		µmhos/cm
Soil ECEC	9	cmolc/kg
Organic Matter (Loss on Ignition)		%
Estimated Soil Texture	Silt Loam	

Estimated Base Saturation (%)				
Total	Ca	Mg	K	Na
78.3	65.1	10.0	2.5	0.7

3. Recommendations (Notice: State and/or federal nutrient management regulations may supersede these agronomic recommendations.)

Crop		N	P ₂ O ₅	K ₂ O	SO ₄ -S	Zn	B	Lime
Last Crop	Corn (3)	----- lb/acre -----						
Crop 1	Wheat for Grain (16)	90	0	60	0	0	0	0
Crop 2								
Crop 3								

4. Crop 1 Notes:

Topdress the N in one or two (3 to 4 weeks after the first application) split applications beginning in early to mid February.

Increase the total-N rate by 20 to 30 lb N/acre if the expected yield potential is >70 bu/acre.

If S-deficiency has occurred on this soil before apply 20 lb SO₄-S/acre with the first late-winter N application.

For late planted wheat, apply 30 to 40 lb N/acre in the Fall. Early is before October 15 North of I-40 and before November 1 South of I-40.

5. Crop 2 Notes:

6. Crop 3 Notes:

From: [Richard Gray](#)
To: [Water Permit Application](#)
Cc: [Randy Underwood](#); [Patrick Pollack](#)
Subject: 4921-W Annual Report
Date: Thursday, May 22, 2014 2:13:58 PM
Attachments: [4921-W 2013 Soil Samples 2.pdf](#)
[4921-W 2013 Soil Samples 3.pdf](#)
[4921-W 2013 Soil Samples 4.pdf](#)
[4921-W 2013 Waste Analysis 1.pdf](#)
[4921-W Waste Analysis 2.pdf](#)
[4921-W 2013 Annual RPT Cover.pdf](#)
[4921-W 2013 Land App Rpt.pdf](#)
[4921-W 2013 Soil Samples 1.pdf](#)

Please see the attached Annual Report and supporting documentation for permit #4921-W. If any more information is needed, please contact me.

Thanks,
RG

Richard Gray
EHS Manager
Cargill Pork, LLC

Cargill

479-576-4534 (Office and Fax)

479-477-2721 (Mobile)