

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

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RICHARD CAMPBELL	Client ID:	8704345974
PO BOX 45		
VENDER	AR	72683
Date Processed:	6/11/2010	
Field ID:	JG	
Acres	19	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Newton	
Lab Number:	75158	
Sample Number:	1010406	

**1. Nutrient Availability Index**

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	205	410	Above Optimum
K	39	78	Very Low
Ca	556	1112	--
Mg	136	272	--
SO4-S	15	30	--
Zn	7.8	15.6	--
Fe	163	326	--
Mn	197	394	--
Cu	4.5	9.0	--
B	0.2	0.4	--
NO3-N	24	48	--

**2. Soil Properties**

Property	Value	Units
Soil pH (1:2 soil-water)	5.5	---
Soil EC (1:2 soil-water)	124	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
47.4	32.5	13.2	1.2	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	Pasture (203)							
Crop 1	Pasture - Cool-Season Grasses (MNT) (203)	60	0	120	0	0	0	4000
Crop 2								
Crop 3								

**4. Crop 1 Notes:**

Apply the recommended rate of N, P, and K in late winter. For higher production apply an additional 50 lb N/Acre after every 4 to 6 weeks of grazing. For fall/winter grazing, apply 50 lbs N/Acre in late summer.

**5. Crop 2 Notes:**

**6. Crop 3 Notes:**

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RICHARD CAMPBELL	Client ID:	8704345974
PO BOX 45		
VENDER	AR	72683
Date Processed:	6/11/2010	
Field ID:	DC	
Acres	20	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Newton	
Lab Number:	75162	
Sample Number:	1010410	

**1. Nutrient Availability Index**

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	64	128	Above Optimum
K	89	178	Low
Ca	673	1346	--
Mg	118	236	--
SO4-S	11	22	--
Zn	3.9	7.8	--
Fe	90	180	--
Mn	262	524	--
Cu	1.7	3.4	--
B	0.2	0.4	--
NO3-N	19	38	--

**2. Soil Properties**

Property	Value	Units
Soil pH (1:2 soil-water)	5.6	---
Soil EC (1:2 soil-water)	39	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
53.6	39.0	11.4	2.6	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	Pasture (203)	----- lb/acre -----						
Crop 1	Pasture - Cool-Season Grasses (MNT) (203)	60	0	80	0	0	0	4000
Crop 2								
Crop 3								

**4. Crop 1 Notes:**

Apply the recommended rate of N, P, and K in late winter. For higher production apply an additional 50 lb N/Acre after every 4 to 6 weeks of grazing. For fall/winter grazing, apply 50 lbs N/Acre in late summer.

**5. Crop 2 Notes:**

**6. Crop 3 Notes:**

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RICHARD CAMPBELL	Client ID: 8704345974
PO BOX 45	
VENDER	AR 72683
Date Processed:	6/11/2010
Field ID:	CCGW
Acres	26
Lime Applied in the last 4 years:	No
Leveled in past 4 years:	No
Irrigation:	Unknown
County:	Newton
Lab Number:	75161
Sample Number:	1010409

**1. Nutrient Availability Index**

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	335	670	Above Optimum
K	295	590	Above Optimum
Ca	1050	2100	--
Mg	204	408	--
SO4-S	10	20	--
Zn	16.1	32.2	--
Fe	147	294	--
Mn	241	482	--
Cu	8.0	16.0	--
B	0.4	0.8	--
NO3-N	19	38	--

**2. Soil Properties**

Property	Value	Units
Soil pH (1:2 soil-water)	6.1	---
Soil EC (1:2 soil-water)	48	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
72.1	48.8	15.8	7.0	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	Hay (124)							
Crop 1	Hay - Cool-Season Grasses (MNT) - 4 ton/acre (124)	160	0	0	0	0	0	0
Crop 2								
Crop 3								

**4. Crop 1 Notes:**

For optimum fertilizer use efficiency, divide the recommended rates of N, P, and K by the estimated number of hay harvests/per year and apply fertilizer in split applications beginning at green-up and following each hay harvest.

**5. Crop 2 Notes:**

**6. Crop 3 Notes:**

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RICHARD CAMPBELL	Client ID:	8704345974
PO BOX 45		
VENDER	AR	72683
Date Processed:	6/11/2010	
Field ID:	CC1	
Acres	4	
Lime Applied in the last 4 years:	No	
Leveled in past 4 years:	No	
Irrigation:	Unknown	
County:	Newton	
Lab Number:	75160	
Sample Number:	1010408	

**1. Nutrient Availability Index**

Nutrient	Concentration		Soil Test Level (Mehlich 3)
	ppm	lb/acre	
P	514	1028	Above Optimum
K	93	186	Medium
Ca	980	1960	--
Mg	234	468	--
SO4-S	12	24	--
Zn	31.6	63.2	--
Fe	210	420	--
Mn	132	264	--
Cu	12.9	25.8	--
B	0.3	0.6	--
NO3-N	31	62	--

**2. Soil Properties**

Property	Value	Units
Soil pH (1:2 soil-water)	5.7	---
Soil EC (1:2 soil-water)	72	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
64.1	44.0	17.5	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	Hay (124)	-----lb/acre-----						
Crop 1	Hay - Cool-Season Grasses (MNT) - 4 ton/acre (124)	160	0	180	0	0	0	4000
Crop 2								
Crop 3								

**4. Crop 1 Notes:**

For optimum fertilizer use efficiency, divide the recommended rates of N, P, and K by the estimated number of hay harvests/per year and apply fertilizer in split applications beginning at green-up and following each hay harvest.

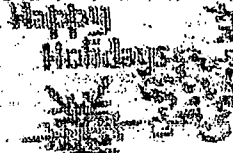
**5. Crop 2 Notes:**

**6. Crop 3 Notes:**

Ellis Campbell  
DBA E.C. Farms  
P.O. Box 52  
Verdor, AR 72683

NW ARKANSAS AR 727

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ADEQ  
5301 Northshore Drive  
North Little Rock, AR 72118-5317  
- Water -

72118+5317

