

REPORT NUMBER
07-284-0270
 REPORT DATE
Oct 16, 2007
 RECEIVED DATE
Oct 11, 2007



AgriEnergy Resources
 21417 1950 E. Street Princeton, IL 61356
 Phone: (815) 872-1190 Fax: (815) 872-1928
 www.agrienergy.net

IDENTIFICATION
TOP GROWER
HOME FARM
ANYWHERE IL

ANALYTICAL LABORATORY FINDINGS

SAMPLE IDENTIFICATION		1				
LABORATORY NUMBER		7828966				
ANALYTE	UNITS	RESULTS	LOW	MEDIUM	OPTIMUM	V. HIGH
Organic Matter	%	2.9				
Nitrate-N	lbs/A	18				
P ₁ Phosphorus	lbs/A	18				
Water Sol P	lbs/A	4				
P ₂ Phosphorus	lbs/A	122				
Bicarb-P	lbs/A					
Potassium	lbs/A	351				
Water Sol K	lbs/A	61				
Calcium	lbs/A	4446				
Water Sol Ca	lbs/A	178				
Magnesium	lbs/A	1132				
Water Sol Mg	lbs/A	83				
Sulfur	lbs/A	18				
Water Sol S	lbs/A	14				
Zinc	ppm	1.0				
Manganese	ppm	2				
Iron	ppm	35				
Copper	ppm	2.3				
Boron	ppm	0.6				
Sodium	lbs/A	34				
Water Sol Na	lbs/A	27				
Soluble Salts	mmhos/cm	0.3				
Excess Lime Rt		L				
pH		6.9				
Buffer Index						
C.E.C.	meq/100g	18.2				
Base Saturation	Desired					
Percent K	2-5%	2.7				
Percent Mg	12-18%	28.8				
Percent Ca	65-75%	68.0				
Percent H	0-12%	0.0				
Percent Na	< 1.5%	0.5				

APPLICATION GUIDELINES

INTENDED CROP	YIELD GOAL	PREVIOUS CROP
SUGGESTED FERTILITY GUIDELINES (lbs/Acre)		
FERTILITY ELEMENT	AgriEnergy SUGGESTS	
NITROGEN (N)		
PHOSPHATE (P ₂ O ₅)		
POTASH (K ₂ O)		
MAGNESIUM (Mg)		
SULFUR (S)		
ZINC (Zn)		
MANGANESE (Mn)		
IRON (Fe)		
COPPER (Cu)		
BORON (B)		
SUGGESTED AMENDMENT GUIDELINES		
AMENDMENT	AgriEnergy SUGGESTS	
LIME POUNDS		
LIME TON		
ELEMENTAL SULFUR		
GYPSUM TONS		
COMMENTS		
<p><i>Surface Nitrate Depth: 0-6</i></p> <p><i>The above analytical results apply only to the sample(s) submitted.</i></p> <p><i>Samples are retained a maximum of 30 days.</i></p> <p><i>Analytical work performed by Midwest Laboratories, Inc</i></p>		

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ANALYTICAL LABORATORY FINDINGS

SAMPLE IDENTIFICATION		2				
LABORATORY NUMBER		7828967				
ANALYTE	UNITS	RESULTS	LOW	MEDIUM	OPTIMUM	V. HIGH
Organic Matter	%	3.2				
Nitrate-N	lbs/A	41				
P ₁ Phosphorus	lbs/A	36				
Water Sol P	lbs/A	7				
P ₂ Phosphorus	lbs/A	119				
Bicarb-P	lbs/A					
Potassium	lbs/A	374				
Water Sol K	lbs/A	65				
Calcium	lbs/A	4396				
Water Sol Ca	lbs/A	241				
Magnesium	lbs/A	952				
Water Sol Mg	lbs/A	86				
Sulfur	lbs/A	29				
Water Sol S	lbs/A	27				
Zinc	ppm	2.1				
Manganese	ppm	3				
Iron	ppm	103				
Copper	ppm	2.7				
Boron	ppm	0.6				
Sodium	lbs/A	27				
Water Sol Na	lbs/A	27				
Soluble Salts	mmhos/cm	0.4				
Excess Lime Rt		L				
pH		6.6				
Buffer Index		6.8				
C.E.C.	meq/100g	18.3				
Base Saturation	Desired					
Percent K	2-5%	2.9				
Percent Mg	12-18%	24.1				
Percent Ca	65-75%	66.7				
Percent H	0-12%	5.9				
Percent Na	< 1.5%	0.4				

APPLICATION GUIDELINES

INTENDED CROP	YIELD GOAL	PREVIOUS CROP
SUGGESTED FERTILITY GUIDELINES (lbs/Acre)		
FERTILITY ELEMENT	AgriEnergy SUGGESTS	
NITROGEN (N)		
PHOSPHATE (P ₂ O ₅)		
POTASH (K ₂ O)		
MAGNESIUM (Mg)		
SULFUR (S)		
ZINC (Zn)		
MANGANESE (Mn)		
IRON (Fe)		
COPPER (Cu)		
BORON (B)		
SUGGESTED AMENDMENT GUIDELINES		
AMENDMENT	AgriEnergy SUGGESTS	
LIME POUNDS		
LIME TON		
ELEMENTAL SULFUR		
GYPSUM TONS		
COMMENTS		
<p><i>Surface Nitrate Depth: 0-6</i></p> <p><i>The above analytical results apply only to the sample(s) submitted.</i></p> <p><i>Samples are retained a maximum of 30 days.</i></p> <p><i>Analytical work performed by Midwest Laboratories, Inc</i></p>		

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ANALYTICAL LABORATORY FINDINGS

SAMPLE IDENTIFICATION		3				
LABORATORY NUMBER		7828968				
ANALYTE	UNITS	RESULTS	LOW	MEDIUM	OPTIMUM	V. HIGH
Organic Matter	%	2.8				
Nitrate-N	lbs/A	11				
P ₁ Phosphorus	lbs/A	20				
Water Sol P	lbs/A	5				
P ₂ Phosphorus	lbs/A	88				
Bicarb-P	lbs/A	27				
Potassium	lbs/A	319				
Water Sol K	lbs/A	32				
Calcium	lbs/A	5702				
Water Sol Ca	lbs/A	247				
Magnesium	lbs/A	806				
Water Sol Mg	lbs/A	88				
Sulfur	lbs/A	67				
Water Sol S	lbs/A	63				
Zinc	ppm	1.1				
Manganese	ppm	3				
Iron	ppm	65				
Copper	ppm	2.3				
Boron	ppm	0.7				
Sodium	lbs/A	50				
Water Sol Na	lbs/A	40				
Soluble Salts	mmhos/cm	0.3				
Excess Lime Rt		L				
pH		7.6				
Buffer Index						
C.E.C.	meq/100g	20.1				
Base Saturation	Desired					
Percent K	2-5%	2.3				
Percent Mg	12-18%	18.6				
Percent Ca	65-75%	78.5				
Percent H	0-12%	0.0				
Percent Na	< 1.5%	0.6				

APPLICATION GUIDELINES

INTENDED CROP	YIELD GOAL	PREVIOUS CROP
SUGGESTED FERTILITY GUIDELINES (lbs/Acre)		
FERTILITY ELEMENT	AgriEnergy SUGGESTS	
NITROGEN (N)		
PHOSPHATE (P ₂ O ₅)		
POTASH (K ₂ O)		
MAGNESIUM (Mg)		
SULFUR (S)		
ZINC (Zn)		
MANGANESE (Mn)		
IRON (Fe)		
COPPER (Cu)		
BORON (B)		
SUGGESTED AMENDMENT GUIDELINES		
AMENDMENT	AgriEnergy SUGGESTS	
LIME POUNDS		
LIME TON		
ELEMENTAL SULFUR		
GYPSUM TONS		
COMMENTS		
<p><i>Surface Nitrate Depth: 0-6</i></p> <p><i>The above analytical results apply only to the sample(s) submitted.</i></p> <p><i>Samples are retained a maximum of 30 days.</i></p> <p><i>Analytical work performed by Midwest Laboratories, Inc</i></p>		

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ANALYTICAL LABORATORY FINDINGS

SAMPLE IDENTIFICATION		4				
LABORATORY NUMBER		7828969				
ANALYTE	UNITS	RESULTS	LOW	MEDIUM	OPTIMUM	V. HIGH
Organic Matter	%	3.1				
Nitrate-N	lbs/A	27				
P ₁ Phosphorus	lbs/A	14				
Water Sol P	lbs/A	4				
P ₂ Phosphorus	lbs/A	43				
Bicarb-P	lbs/A					
Potassium	lbs/A	218				
Water Sol K	lbs/A	74				
Calcium	lbs/A	3973				
Water Sol Ca	lbs/A	175				
Magnesium	lbs/A	691				
Water Sol Mg	lbs/A	94				
Sulfur	lbs/A	20				
Water Sol S	lbs/A	20				
Zinc	ppm	1.0				
Manganese	ppm	4				
Iron	ppm	54				
Copper	ppm	1.4				
Boron	ppm	0.6				
Sodium	lbs/A	25				
Water Sol Na	lbs/A	25				
Soluble Salts	mmhos/cm	0.2				
Excess Lime Rt		L				
pH		6.6				
Buffer Index		6.9				
C.E.C.	meq/100g	15.5				
Base Saturation	Desired					
Percent K	2-5%	2.0				
Percent Mg	12-18%	20.6				
Percent Ca	65-75%	71.2				
Percent H	0-12%	5.8				
Percent Na	< 1.5%	0.4				

APPLICATION GUIDELINES

INTENDED CROP	YIELD GOAL	PREVIOUS CROP
SUGGESTED FERTILITY GUIDELINES (lbs/Acre)		
FERTILITY ELEMENT	AgriEnergy SUGGESTS	
NITROGEN (N)		
PHOSPHATE (P ₂ O ₅)		
POTASH (K ₂ O)		
MAGNESIUM (Mg)		
SULFUR (S)		
ZINC (Zn)		
MANGANESE (Mn)		
IRON (Fe)		
COPPER (Cu)		
BORON (B)		
SUGGESTED AMENDMENT GUIDELINES		
AMENDMENT	AgriEnergy SUGGESTS	
LIME POUNDS		
LIME TON		
ELEMENTAL SULFUR		
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COMMENTS		
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