17-143-0003

Lab No:

106549

Waypoint W

2906 W. Clark Rd Champaign, IL 61822 Main 217-359-7680 www.waypointanalytical.com

Customer Account Number :

Crop: Soybeans

Plant Part: Recent fully developed leaf (25+)

Send To:

Grower:

Report Date : 5/24/2017 Page 1 of 4

Field id:

Sample Id : Glenavon

Growth Stage : Prior to flowering (V1-V6)

PLANT ANALYSIS

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	4.62	0.28	0.36	3.27	0.50	1.96	0.02	43	43	108	922	9	556	
Normal	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0	
Range	5.50	0.80	0.60	2.50	0.60	2.30	0.03	60	86	133	300	30	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	16.5	1.4	1.3	83.7	6.5	302.8	455.8	8.5	0.6	3.9				
Expected Ratio	8.2	2.1	0.8	84.9	4.7	269.2	425.0	2.1	0.8	3.8				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	Р	K	Mg	Ca	Na	В	Zn	Mn	Fe	Cu	AI	

Comments :

02023) These plants are low or deficient in sulfur. This could be a result of low soil sulfur content, poor root development or inadequate drainage. Sulfur may be applied to the crop in the sulfate form with sidedress or topdress applications or in irrigation water. Apply at a rate of 10 to 20 lbs of sulfur per acre. For foliar application, apply 1 to 2 lbs of sulfur per acre.

02114) One or more nutrients are very high at this time. Please monitor.

17-143-0003

Lab No:

106550

Waypoint W

2906 W. Clark Rd Champaign, IL 61822 Main 217-359-7680 www.waypointanalytical.com

Customer Account Number :

Send To:

Sample Id : Gamag M

Grower:

PLANT ANALYSIS

Report Date : 5/24/2017 Page 2 of 4

Field id:

Growth Stage : Prior to flowering (V1-V6)

Crop	:	Soybeans
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Plant Part: Recent fully developed leaf (25+)

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	5.06	0.30	0.34	2.88	0.47	2.07	0.02	44	103	118	859	11	444	
Normal	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0	
Range	5.50	0.80	0.60	2.50	0.60	2.30	0.03	60	86	133	300	30	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	16.9	1.8	1.1	33.0	6.1	244.1	470.5	7.3	0.7	4.4				
Expected Ratio	8.2	2.1	0.8	84.9	4.7	269.2	425.0	2.1	0.8	3.8				
												1	,	
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	Р	K	Mg	Ca	Na	В	Zn	Mn	Fe	Cu	AI	

Comments :

02023) These plants are low or deficient in sulfur. This could be a result of low soil sulfur content, poor root development or inadequate drainage. Sulfur may be applied to the crop in the sulfate form with sidedress or topdress applications or in irrigation water. Apply at a rate of 10 to 20 lbs of sulfur per acre. For foliar application, apply 1 to 2 lbs of sulfur per acre.

02114) One or more nutrients are very high at this time. Please monitor.

17-143-0003



106551

PLANT ANALYSIS

Grower:

2906 W. Clark Rd Champaign, IL 61822

www.waypointanalytical.com

Customer Account Number :

Main 217-359-7680

Crop: Soybeans

Plant Part: Recent fully developed leaf (25+)

W

Waypoint

ANALYTICAL

Send To:

Sample Id : Gamag X

Report Date : 5/24/2017 Page 3 of 4

Field id:

Growth Stage : Prior to flowering (V1-V6)

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	lron ppm	Copper ppm	Aluminum ppm	
Analysis	4.34	0.26	0.29	2.45	0.47	1.82	0.02	39	41	121	928	10	486	
Normal	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0	
Range	5.50	0.80	0.60	2.50	0.60	2.30	0.03	60	86	133	300	30	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	16.7	1.8	1.1	70.7	5.2	202.5	466.7	7.7	0.7	3.9				
Expected Ratio	8.2	2.1	0.8	84.9	4.7	269.2	425.0	2.1	0.8	3.8				
										<u> </u>				
Very High														
High														
Sufficient														
Low														
Deficient														
	Ν	S	Р	K	Mg	Ca	Na	В	Zn	Mn	Fe	Cu	AI	

Comments :

These plants are low or deficient in phosphorus. Possible causes inclued low soil phosphorus level, high soil pH, low soil pH, poor drainage, root damage or cool soil temperature. In season 02017) surface application of phosphorus on row crops is, generally, not recommended because phosphorus moves very little in the soil. However, for severe deficiencies, sidedress and incorporate 30 to 40 lbs of P2O5 per acre as early in the season as possible.

These plants are low or deficient in sulfur. This could be a result of low soil sulfur content, poor root development or inadequate drainage. Sulfur may be applied to the crop in the sulfate form 02023) with sidedress or topdress applications or in irrigation water. Apply at a rate of 10 to 20 lbs of sulfur per acre. For foliar application, apply 1 to 2 lbs of sulfur per acre.

One or more nutrients are very high at this time. Please monitor. 02114)

17-143-0003

Lab No:

106552

Waypoint W

2906 W. Clark Rd Champaign, IL 61822 Main 217-359-7680 www.waypointanalytical.com

Customer Account Number :

Send To:

Grower:

PLANT ANALYSIS

Report Date : 5/24/2017 Page 4 of 4

Field id:

Sample Id : Dovring

Growth Stage : Prior to flowering (V1-V6)

Crop :	Soybeans			
Plant Part:	Recent fully	/ develo	ped leaf	(25+)

Owners a Construction of

Sulfur Phosphorus Potassium Magnesium Calcium Sodium Manganese Aluminum Nitrogen Boron Zinc Iron Copper % % % % % ppm ppm ppm ppm ppm ppm % % Analysis 4.31 0.24 0.30 2.39 0.36 1.73 0.02 45 40 163 856 11 399 0.30 3.50 0.30 0.30 1.70 1.10 0.01 25 5 0 20 20 23 Normal Range 5.50 0.80 0.60 2.50 0.60 2.30 0.03 60 86 133 300 30 250 Ca/K Ca/Mg P/S P/Zn Ca/B N/S N/K K/Mg K/Mn Fe/Mn Actual Ratio 18.0 1.8 1.3 75.0 6.6 146.6 384.4 5.3 0.7 4.8 8.2 2.1 0.8 84.9 4.7 269.2 425.0 2.1 0.8 3.8 Expected Ratio Very High High Sufficient Low Deficient S Ρ Ν Κ Mg Ca Na В Zn Mn Fe Cu AI

Comments :

02017) These plants are low or deficient in phosphorus. Possible causes inclued low soil phosphorus level, high soil pH, low soil pH, poor drainage, root damage or cool soil temperature. In season surface application of phosphorus on row crops is, generally, not recommended because phosphorus moves very little in the soil. However, for severe deficiencies, sidedress and incorporate 30 to 40 lbs of P2O5 per acre as early in the season as possible.

02023) These plants are low or deficient in sulfur. This could be a result of low soil sulfur content, poor root development or inadequate drainage. Sulfur may be applied to the crop in the sulfate form with sidedress or topdress applications or in irrigation water. Apply at a rate of 10 to 20 lbs of sulfur per acre. For foliar application, apply 1 to 2 lbs of sulfur per acre.

02114) One or more nutrients are very high at this time. Please monitor.