

Report Number
17-143-0003



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

Lab No:
106549

PLANT ANALYSIS

Customer Account Number :

Send To:

Grower:

Report Date : 5/24/2017

Page 1 of 4

Field id:

Crop : Soybeans

Sample Id : Glenavon

Growth Stage : Prior to flowering (V1-V6)

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	4.62	0.28	0.36	3.27	0.50	1.96	0.02	43	43	108	922	9	556	
Normal Range	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0	
	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	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

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.

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Lab No:
106550

PLANT ANALYSIS

Customer Account Number :

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Grower:

Report Date : 5/24/2017

Page 2 of 4

Field id:

Crop : Soybeans

Sample Id : Gamag M

Growth Stage : Prior to flowering (V1-V6)

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 Range	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0	
	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				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

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.

Report Number
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Lab No:
106551

PLANT ANALYSIS

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Grower:

Report Date : 5/24/2017

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Field id:

Crop : Soybeans

Sample Id : Gamag X

Growth Stage : Prior to flowering (V1-V6)

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	4.34	0.26	0.29	2.45	0.47	1.82	0.02	39	41	121	928	10	486
Normal Range	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0
	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			

Very High													
High													
Sufficient													
Low													
Deficient													
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al

- Comments :
- 02017) These plants are low or deficient in phosphorus. Possible causes included 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.
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Lab No:
106552

PLANT ANALYSIS

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

Field id:

Crop : Soybeans

Sample Id : Dovring

Growth Stage : Prior to flowering (V1-V6)

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	4.31	0.24	0.30	2.39	0.36	1.73	0.02	45	40	163	856	11	399
Normal Range	3.50	0.30	0.30	1.70	0.30	1.10	0.01	20	20	23	25	5	0
	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	18.0	1.8	1.3	75.0	6.6	146.6	384.4	5.3	0.7	4.8			
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	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al

- Comments :
- 02017) These plants are low or deficient in phosphorus. Possible causes included 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.