

Report Number
17-159-0052



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

Lab No:
107426

PLANT ANALYSIS

Customer Account Number :

Send To:

Grower:

Report Date : 6/9/2017
Page 1 of 2

Farm ID: Vaughn East
Field id: North East
Sample Id : 1

Growth Stage : Prior to tasseling (V4-VT)

Crop : Corn
Plant Part: Leaf below whorl (10+)

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm
Analysis	4.37	0.32	0.26	1.85	0.56	0.84	0.02	13	42	81	201	18	43
Normal Range	3.00	0.15	0.30	2.00	0.15	0.25	0.00	5	20	20	30	5	5
	4.00	0.40	0.50	3.00	0.60	0.80	0.03	26	71	151	251	26	301
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg			
Actual Ratio	13.7	2.4	0.8	61.9	3.3	228.4	646.2	2.5	0.5	1.5			
Expected Ratio	12.7	1.4	1.5	87.9	6.7	292.4	338.8	1.6	0.2	1.4			
Very High													
High													
Sufficient													
Low													
Deficient													
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al

Comments :

- 02018) These plants are low or deficient in potassium. Possible causes include low soil potassium level, poor drainage, droughty soil conditions or compaction. In season surface application of potassium on row crops may have limited effectiveness except on sandy soils where leaching may readily occur. For severe deficiencies, sidedress and incorporate 30 to 50 lbs of K2O per acre as early in the season as possible.
- 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.

Report Number
17-159-0052



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

Lab No:
107427

PLANT ANALYSIS

Customer Account Number :

Send To:

Grower:

Report Date : 6/9/2017

Page 2 of 2

Farm ID: Vaughn East

Field id: North East

Crop : Corn

Sample Id : 2

Growth Stage : Prior to tasseling (V4-VT)

Plant Part: Leaf below whorl (10+)

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	4.42	0.32	0.26	3.25	0.35	0.73	0.03	14	26	81	216	19	59	
Normal Range	3.00	0.15	0.30	2.00	0.15	0.25	0.00	5	20	20	30	5	5	
	4.00	0.40	0.50	3.00	0.60	0.80	0.03	26	71	151	251	26	301	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	13.8	1.4	0.8	100.0	9.3	401.2	521.4	2.7	0.2	2.1				
Expected Ratio	12.7	1.4	1.5	87.9	6.7	292.4	338.8	1.6	0.2	1.4				
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.