

PLANT ANALYSIS

Send To:	Grower:	Report No.: 18-094-0004 Cust No.: Lab No: 276635 Report Date : 4/5/2018 Page : 1 of 1
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Sample Id : **22106**

Growth Stage : **Prior to tasseling (V4-VT)**

Farm: Foster 1

Crop : **Corn**

Field id: **254**

Plant Part: **Leaf below whorl (10+)**

Test	Analysis	Plant Test Ratings					Normal Range	Actual Ratio		Expected Ratio	
		Deficient	Low	Sufficient	High	Very High					
Nitrogen	%	3.65						3.00	N/S	15.9	12.7
								4.00			
Sulfur	%	0.23						0.15	N/K	1.4	1.4
								0.40			
Phosphorus	%	0.28						0.30	P/S	1.2	1.5
								0.50			
Potassium	%	2.58						2.00	P/Zn	112.0	87.9
								3.00			
Magnesium	%	0.28						0.15	K/Mg	9.2	6.7
								0.60			
Calcium	%	0.55						0.25	K/Mn	409.5	292.4
								0.80			
Sodium	%	0.08						0.00	Ca/B	611.1	338.8
								0.03			
Boron	ppm	9						5	Fe/Mn	3.2	1.6
								26			
Zinc	ppm	25						20	Ca/K	0.2	0.2
								71			
Manganese	ppm	63						20	Ca/Mg	2.0	1.4
								151			
Iron	ppm	204						30			
								251			
Copper	ppm	10						5			
								26			
Aluminum	ppm	167						5			
								301			

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.