

PLANT ANALYSIS

Send To:	Grower:	Report No.: 18-093-0022 Cust No.: Lab No: 276607 Report Date : 4/4/2018 Page : 1 of 1
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Sample Id : **Beans** Growth Stage : **Summer**
 Farm: Crop : **Beans-Green**
 Field id: Plant Part:

Test	Analysis	Plant Test Ratings					Normal Range	Actual Ratio		Expected Ratio
		Deficient	Low	Sufficient	High	Very High				
Nitrogen %	4.33						5.00	N/S	10.6	8.5
							6.00			
Sulfur %	0.41						0.30	N/K	1.3	1.8
							1.00			
Phosphorus %	0.24						0.35	P/S	0.6	0.8
							0.75			
Potassium %	3.43						2.25	P/Zn	57.1	49.8
							4.00			
Magnesium %	0.51						0.30	K/Mg	6.7	4.8
							1.00			
Calcium %	3.58						1.50	K/Mn	256.0	178.1
							2.50			
Sodium %	0.15						0.00	Ca/B	497.2	416.7
							0.20			
Boron ppm	72						20	Fe/Mn	3.5	1.0
							76			
Zinc ppm	42						20	Ca/K	1.0	0.6
							201			
Manganese ppm	134						50	Ca/Mg	7.0	3.1
							301			
Iron ppm	471						50			
							301			
Copper ppm	8						7			
							31			
Aluminum ppm										

Comments:

- 02015) These plants are low or deficient in nitrogen. This condition could be due to inadequate nitrogen fertilization, poor drainage, excessive rainfall or leaching.
- 02084) Additional nitrogen may be supplied to the crop with sidedress or topdress applications or in irrigation water. Apply at the rate of 20 to 50 lbs per acre. Repeated applications may be necessary.
- 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.