



Date:

Client:

Gardner:

Garden ID:

ATLANTIC GIANT PUMPKIN 75S REPORT

EXTRACTABLE NUTRIENTS					SOIL SUPPLY			
ELEMENT	ANSWER	SHOULD BE	RECS**	PRE-PLANT SUGGESTIONS	ELEMENT	ANSWER	SHOULD BE	ADD ** WEEKLY
			LBS	LBS			LBS / DAY	LBS
Phosphorus-ppm	68	25 - 40	2	1	P-lbs	0.5	2	0.24
Potassium-ppm	264	300 +	4	1	K-lbs	2.0	15	0.45
Calcium-ppm	1426	1,800 +	*		Ca-lbs	4.4	9	*
Magnesium-ppm	196	250 +	1	0	Mg-lbs	3.0	2	
			OZ	LBS			grams / DAY	OZ
Zinc-ppm	5.0	1.0 - 3.0	1	0	Zn-grams	34	85	4.05
Copper-ppm	1.7	0.8 - 2.5	0	0	Cu-grams	11	56	3.55
Manganese-ppm	8	6 - 30	2	1	Mn-grams	9	85	6.08
Boron-ppm	0.9	0.8 - 1.2	.4		B-grams	28	28	

* Refer to soil report for Calcium recommendations, if needed.

** Recommendations in amount per 1000 sq.ft.

All chelating products can be used if the zinc, copper and magnesium are adequate. When the levels are below the should be levels, you need to use the elements in the sulfate forms. Disease suppressions are caused by the elements in their metallic forms. Chelates are an excellent sources for plant and production needs.

PRE-PLANT:

For disease suppression add 1/2 of the weekly recommendations for all micro nutrients in a sulfate or water soluble oxide in calcareous soils.

For plant needs and maximum bulking add the other 1/2 in chelate form by using the SV (Secret Vault) program to monitor weekly requirements.

1. If no lime and calcium is less than 1800 and soil solution is less than “should be” add 20 lbs. per 1000 sq.ft. of gypsum pre-plant.

If phosphate, potash and magnesium in soil solution are less than requires consider putting field on the SV Program to monitor it. If you are using the SV program and the phosphate, potash, and magnesium “should be” levels in the soil solution are higher than results on the SV Program, it is because the sample is taken with out the influence of the root system. In season results are lower because plant root gives off carbonaceous exodates.

“Always practice the laws of Agronomy.”

John P. Taberna, Soil Scientist