



Date:
Client:
Gardner:
Garden ID:

ATLANTIC GIANT PUMPKIN SOIL REPORT

						PARTS PER MILLION-PPM			
pH WATER EXTRACT	pH SMP BUFFER	pH CaCl	SOLUBLE SALTS (EC)	LIME	% OM	NITRATE	AMMONIUM	PHOSPHORUS	
						NO3-N (PPM)	NH4-N (PPM)	P(PPM)	P BRAY
6.4	6.7	5.9	0.10	0.0	4.8	3	1	68	104.72
EVALUATION									
Slight Acidic			Normal	Good	Medium	Very Low		High	Very High
POUNDS PER ACRE									
						9	3	204	314.16

PARTS PER MILLION-PPM									
POTASSIUM K	SULFUR S	CALCIUM Ca	MAGNESIUM Mg	SODIUM Na	ZINC Zn	COPPER CU	MANGANESE Mn	IRON Fe	BORON B
264	6	1426	196	40	5.0	1.7	8	106	0.9
EVALUATION									
Adequate	Very Low	Low	Low	OK	High	Adequate	Adequate	Adequate	Adequate
POUNDS PER ACRE									
792	19	4278	588	120	15	5.1	24	318	2.7

Meq/100 GRAMS SOIL					CEC by sum of cations				
0.7		7.1	1.6	0.2				9.6	

Texture	Silt Loam		Balance	Ideal	Yours	Evaluation	Watch
Cation Exchange Capacity-CEC	22		N:S	10:1	0.6:1	Low	watch N
Percent Base Saturation	46		Ca:Mg	6-20:1	7:1	ok	
TBS%			Ca:K pH >7	15:1	:1		
BASES	IDEAL	YOURS	Ca:K pH <7	10:1	5:1	Low	watch Ca
Calcium-% of CEC	65-80	32	Ca:P pH >7	100:1	21:1	Low	watch Ca
Magnesium-% of CEC	10-20	7	Ca:P pH <7	40:1	21:1	Low	watch Ca
Potassium-% of CEC	2-6	3	P:Zn	15:1	14:1	Low	watch P
Sodium-% of CEC	< 5	1	P:Mn	4:1	8.5:1	High	
Hydrogen-% of CEC	< 15	57	P:Cu	25:1	40:1	High	watch Cu
			Zn:Cu	3:1	2.9:1	High	watch Cu
			Mn:Zn	3:1	2:1	Low	watch Mn
			Mn:Cu	7:1	5:1	Low	watch Mn
			K:B	200:1	293:1	High	watch B
			Mg:K	2:1	0.7:1	Low	watch Mg

*“Always practice
the laws of Agronomy.”*

John P. Taberna, Soil Scientist

NUTRIENT SUGGESTIONS FOR ATLANTIC GIANT PUMPKIN			
POUNDS PER 1,000 SQUARE FEET		OUNCES PER 1,000 SQUARE FEET	
Nitrogen	3.6	Zinc	.7
Phosphorus	2.1	Plant Food Iron	
Potassium	4.3	Manganese	1.8
Sulfur	1.2	Copper	.1
Gypsum		Boron	.4
Lime			
Magnesium	.7		

**** Split apply nitrogen. Do not apply more than five pounds of fertilizer on established vegetation at one time. Always irrigate following fertilization on established crop. Over and under irrigation is a major cause of poor plant appearance.***

**Actual product is based on SO4 solutions. If using a chelate divide actual amount by factor 5 due to efficacy of chelates.*

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