



Agri Analysis Inc

PO Box 483 Leola, PA 17540 (Phone) 717-656-9326

Soil Analysis Report

INVOICE # 282005

REPORTED May 28, 2014

CUSTOMER:

Fertrell
Box 265
Bainbridge, PA 17502

GROWER:

Hershey Comm. Gardens

RECEIVED May 27, 2014

SAMPLED BY

FIELD DATA

NUTRIENT REMOVAL

LIME AND FERTILIZER RECOMMENDATIONS

Your Field I.D.	Acres	Lab Number	Last Crop Grown	Next Crop	Yield Goal	Nutrient Removal of Next Crop	Nitrogen	P205	K20	LIMESTONE lbs/acre	NITROGEN lbs/acre	P205 lbs/Acre	K20 lbs/Acre	MgO lbs/Acre
Garden	1	9946	Mixed Vegetables	Mixed Vegetables	1	80	150	120	None	75	0	0	0	0

LABORATORY DATA

Your Field I.D.	CEC meq	Acidity meq	SOIL pH	Buffer pH	% O.M.	Lbs/A -- % Saturation (K, Mg, Ca)			Phos. lbs/A	K ppm	Mg ppm	Ca ppm	P ppm	P205 lbs/A	K20 lbs/A	MgO lbs/A
						POTASSIUM (K)	MAGNESIUM (Mg)	CALCIUM (Ca)								
Garden	23.3	7.7	7.7	15.6	586 (3.2%)	1040 (18.6%)	7267 (78%)	466	293	520	3634	233	1071	703	1664	

TRACE MINERALS

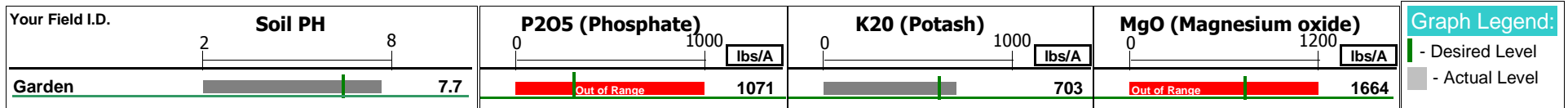
Your Field I.D.	(Cu) ppm	(Fe) ppm	(Mn) ppm	(Zn) ppm	(B) ppm	(S) ppm	(Na) ppm	(Al) ppm
Garden	3.3	252.8	185.0	15.3	3.28	14.2		

Ranges

Cu: 0.5-2.0
Fe: 12-50
Mn: 15-45
Zn: 1.0-4.0
B: 0.6-2.0
S: 15-25

- * Buffer pH determined by Mehlich Buffer.
- * Mineral extraction method is Mehlich 3 (ICP)
- * Limestone rec. is based on 100% calcium carbonate equivalent.
- * CEC and Acidity expressed as meq / 100g.

* Organic Matter % determined by LOI.





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Crop

Important Crop Notes

Mixed Vegetables

- ** You must adjust the nitrogen recommendation up or down depending on the specific crop being grown and the expected yeild.**
- ** Use of a high quality, water soluble fertilizer, such as 15-30-15 during the growing season may be beneficial. Be sure to follow label directions.**
- ** To convert "pounds per acre" to "pounds per 1000 square feet" divide the "pounds per acre" value by 44.**
- ** If any manure will be applied, the nutrient recommendations listed above will need to be reduced in accordance with a current manure analysis.**