

Report # 206266

Agri-Food Web Guest Account - Example Soil Report

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Sample ID	Lab #	pH	BpH	Total Salts (mmhos/cm)	Organic Matter (%)	Nitrogen NO3-N (ppm)	Phosphorus - P (ppm) Sodium Bicarb.		Potassium K (ppm)	Magnesium Mg (ppm)	Calcium Ca (ppm)
11	183307	6.5	7.0		2.9		28 RR		137 LR	287 MR	2051
1	183308	7.3			3.8		16 LR		100 MR	273 MR	2763
1A	183309	6.8			2.4		27 RR		127 LR	109 HR	953

Sample ID	Zinc Zn (ppm)	Zn Index	Manganese Mn (ppm)	Mn Index	Copper Cu (ppm)	Iron Fe (ppm)	Boron B (ppm)	Texture	Cation Exchange MEQ/100g	Base Saturation			
										K%	Mg%	Ca%	H%
11	1.9 MH	22.7	8.2 MH	16.8				M	14.2	2.5	16.9	72.2	8.4
1	1.6 MH	17.4	8.1 MH	13.6				M	17.5	1.5	13.0	78.7	6.8
1A	0.9 L	16.0	9.0 MH	14.4				M	7.2	4.5	12.6	66.2	16.7

Sample ID	Sodium Na (ppm)	Sulphate SO4 (ppm)	Chloride Cl (ppm)	Aluminum Al (ppm)	K/Mg Ratio	Exchangeable Acidity							
11					0.5								
1					0.4								
1A					1.2								

Agri-Food Nutrient Management Guidelines																
Sample ID	Crop to be Grown	Yield Goal	N		P2O5		K2O		(lb/ac)							
			Rec	Removal	Rec	Removal	Magnesium	Calcium	Sulphur	Zinc	Manganese	Copper	Iron	Boron	Lime (te/ha)	
11	corn	175 bu/ac	160	18	71	49						1.5				
	soybeans	50 bu/ac			42	70						1.5				
	wheat, winter	80 bu/ac	75		47	32						1.5				
1	alfalfa	4 ton/ac			53	48	231									
1A	potatoes	20 ton/ac	107	107	44	31	233	21	127		4.0	1.5				
	pumpkin	8 ton/ac	60	98	75	31	247	15	127		4.0	1.5				
	corn, sweet	5 ton/ac	150	18	7	31	25	15			4.0	1.5				

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 These results pertain solely to the sample(s) received by the laboratory.

Authorized By: Jack Legg - Certified Crop Advisor, CCA-ON

Mail

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 503 Imperial Rd. N  
 Guelph, ON N1H 6T9

Date Received: Feb-01-2010

Date Reported: May-10-2010

Fax:

Email:

**IMPORTANT MESSAGES**

OMAFRA has changed the soil rating system as of Jan. 1, 2008. Please see [www.agtest.com](http://www.agtest.com) for an explanation of the changes.

For grass hay and pasture the nitrogen fertilizer requirement has been left blank. Nitrogen requirement can vary greatly depending on management. Consult the forage crops section of OMAFRA Field Crop Recommendations (Pub. 296) .

Your manganese soil test is quite low. If symptoms of manganese deficiency appear on the leaves, spray with 2 kg manganese/ha in 200 L of water. Manganese sulfate is the recommended source and should be used with a spreader sticker. Soil applications of manganese are inefficient and not recommended.

Where no phosphate or potash requirements are shown you should not expect an economic response from applying them.

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