

Soils Laboratory
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Sample #: 3336930
Date Sampled:
Date Received: 2/17/2014
Date Mailed: 2/19/2014

Crop, 3 Years Ago:
Crop, 2 Years Ago:
Crop, Last Year: Corn-Silage
Plow Depth: 9 - 11 inches
Manure: Yes

JOHN A FARMER
123 STREET
SOMEWHERE, VT 12345

Farm Name / Client:
Field / Location: 49
Soil Name:
Acres:
Statement ID: BACK FIELD

Component	Mod. Morgan, ppm	Soil Test Levels				
		Very Low	Low	Medium	High	Very High
Phosphorus (P)	12.2	*****				
Potassium (K)	110.1	*****				
Calcium (Ca)	1,099.6	*****				
Magnesium (Mg)	121.6	*****				

pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
								K	Ca	Mg	Na	H	Total
6.9	6.5	3.1	7.2	0.40				3.9	76.0	13.9	0.6	5.5	94.5

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
10.8	32.2	7.2	1.4	3.3	1.9	1.7	0.3		

Soil Fertilizer Recommendations				tons / acre	lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O	
1	Corn-Silage	25.0 Tons / acre	0.00	150.00	0.00	80.00	
2	Alfalfa-Grass Seeding	5.0 Tons / acre	0.00	0.00	0.00	60.00	
3	Alfalfa-Grass Maintenance	6.0 Tons / acre	0.00	40.00	0.00	100.00	
Comments							

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.
 Yr0 N rate does not consider N contribution from manure. See Nutrient Recommendations for Field Crops in Vermont for guidelines to credit nutrients from manure appropriately. <http://www.uvm.edu/%7Euvext/publications/br1390/br1390.pdf> <http://pss.uvm>.
 Yr1 Seasonal variation influences N availability. Consider using a Pre Sidedress Nitrogen Test (PSNT) or chlorophyll meter when corn is 8 - 12 inches tall to adjust N rate accordingly.
 Yr1 Apply 8-10 lbs Zn/A broadcast & incorporated before planting if visual deficiency symptoms are observed. One application sufficient for 5+ years. If no symptoms are observed, include 2 lb Zn/A in starter annually for 2-3 years then re-test.
 Yr2 Banding 100-300 lbs/A of a 10-20-10 or 15-15-15 starter fertilizer may be beneficial. Incorporate the balance of recommended nutrients before seeding. For no till seedings, avoid N in the starter.
 Yr3 Consider a topdress application of 40-80 lbs/A N for mixed mainly grass stands.
 Yr3 1 - 2 lb B/A is routinely recommended for topdressing alfalfa, clover or birdsfoot trefoil. Use the lower rate if B was applied the prior year or for legume grass mixtures.
 Please note: if requested yield goals exceed the stated minimum or maximum, the minimum or maximum value, respectively, will be used to generate recommendations.
 Please check our current price list and enclose \$14.00 with your next sample to cover unpaid charges on this sample.