

**Soils Analysis Report**  
with Dairy One Nutrient Guidelines



**Dairy One**  
Agronomy Services

Dairy One  
730 Warren Road  
Ithaca NY 14850  
Ph: 800.496.3344  
Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076210  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 1  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	145.0	19.1	*****	*****	*****	*****	*****						
Potassium (K)	60.1	107.1	*****	*****	*****	*****	*****						
Calcium (Ca)	1,095.0	1,834.0	*****	*****	*****	*****	*****						
Magnesium (Mg)	228.4	414.5	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	4.0	9.7	2.16				1.6	56.2	19.3	0.7	22.2	77.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.8	919.7		4.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	72.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	72.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	72.00		
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

[http://hmsp.css.cornell.edu/publications/tables/pdf/N\\_decay\\_manure.pdf](http://hmsp.css.cornell.edu/publications/tables/pdf/N_decay_manure.pdf) for guidelines to credit nutrients from manure appropriately.

Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

Please note: if requested yield goals exceed the stated minimum or maximum, the minimum or maximum value, respectively, will be used to generate recommendations.

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Sample #: 76076220  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 2  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	87.3	11.4	*****	*****	*****	*****	*****						
Potassium (K)	57.9	103.3	*****	*****	*****	*****	*****						
Calcium (Ca)	977.9	1,602.6	*****	*****	*****	*****	*****						
Magnesium (Mg)	152.7	276.6	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.6	6.0	3.7	8.6	2.24				1.7	56.8	14.6	0.7	26.1	73.9

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.6	823.6		3.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	10.00	76.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	76.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	76.00		
Comments								

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Sample #: 76076230  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 3  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	98.4	17.2	*****	*****	*****	*****	*****						
Potassium (K)	85.6	152.2	*****	*****	*****	*****	*****						
Calcium (Ca)	1,149.3	1,941.3	*****	*****	*****	*****	*****						
Magnesium (Mg)	136.3	246.9	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	3.2	9.3	2.12				K	Ca	Mg	Na	H	Total
								2.4	62.0	12.1	0.7	22.9	77.1

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.0	788.9		3.4						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	22.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	22.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	22.00	
Comments							

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Sample #: 76076240  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 4  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	194.2	16.5	*****	*****	*****	*****	*****
Potassium (K)	100.3	178.2	*****	*****	*****	*****	*****
Calcium (Ca)	964.0	1,575.1	*****	*****	*****	*****	*****
Magnesium (Mg)	173.8	315.1	*****	*****	*****	*****	*****

  

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
5.5	6.0	4.0	9.1	2.52				2.8	52.8	15.7	1.1	27.6	72.4

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
22.6	1,048.6		5.1						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076250  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 5  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	100.8	20.1	*****	*****	*****	*****	*****
Potassium (K)	47.5	85.0	*****	*****	*****	*****	*****
Calcium (Ca)	957.7	1,562.6	*****	*****	*****	*****	*****
Magnesium (Mg)	138.4	250.6	*****	*****	*****	*****	*****

  

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
5.8	6.0	3.5	8.5	2.40				1.4	56.3	13.4	0.6	28.3	71.7

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.4	738.0		2.9						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	96.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	96.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	96.00		
Comments								

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Sample #: 76076260  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 6  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	75.7	13.4	*****	*****	*****	*****	*****						
Potassium (K)	52.6	94.0	*****	*****	*****	*****	*****						
Calcium (Ca)	1,188.1	2,018.1	*****	*****	*****	*****	*****						
Magnesium (Mg)	135.9	246.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	3.3	9.4	2.12				1.4	63.3	11.9	0.7	22.6	77.4

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
16.1	737.9		3.0						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	86.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	86.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	86.00	
Comments							

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Sample #: 76076270  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 7  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	163.9	18.2	*****	*****	*****	*****	*****
Potassium (K)	77.8	138.5	*****	*****	*****	*****	*****
Calcium (Ca)	882.6	1,414.3	*****	*****	*****	*****	*****
Magnesium (Mg)	150.9	273.4	*****	*****	*****	*****	*****

  

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
5.8	6.0	3.7	8.5	2.56				2.4	52.0	14.7	0.7	30.2	69.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.9	952.8		4.9						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	37.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	37.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	37.00		
Comments								

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Sample #: 76076280  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 8  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	86.9	12.9	*****	*****	*****	*****	*****						
Potassium (K)	56.1	100.1	*****	*****	*****	*****	*****						
Calcium (Ca)	938.6	1,524.9	*****	*****	*****	*****	*****						
Magnesium (Mg)	133.3	241.4	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.0	3.4	8.2	2.24				1.7	56.9	13.3	0.9	27.2	72.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
17.1	788.1		2.8						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	79.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	79.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	79.00	
Comments							

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Sample #: 76076290  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 9  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	98.8	22.7	*****	*****	*****	*****	*****						
Potassium (K)	103.1	183.1	*****	*****	*****	*****	*****						
Calcium (Ca)	1,270.9	2,181.7	*****	*****	*****	*****	*****						
Magnesium (Mg)	162.5	294.5	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.9	6.1	3.5	10.0	1.96				2.6	63.5	13.4	0.8	19.6	80.4

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
18.1	719.5		3.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076300  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 10  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	114.1	21.9	*****	*****	*****	*****	*****
Potassium (K)	125.2	222.1	*****	*****	*****	*****	*****
Calcium (Ca)	930.3	1,508.5	*****	*****	*****	*****	*****
Magnesium (Mg)	200.7	364.1	*****	*****	*****	*****	*****

  

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
6.0	6.1	3.2	8.6	1.96				3.7	53.8	19.1	0.6	22.7	77.3

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.4	765.7		3.1						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
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

[http://hmsp.css.cornell.edu/publications/tables/pdf/N\\_decay\\_manure.pdf](http://hmsp.css.cornell.edu/publications/tables/pdf/N_decay_manure.pdf) for guidelines to credit nutrients from manure appropriately.

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**Soils Analysis Report**  
with Dairy One Nutrient Guidelines



**Dairy One**  
Agronomy Services

Dairy One  
730 Warren Road  
Ithaca NY 14850  
Ph: 800.496.3344  
Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076310  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 11  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	101.4	23.7	*****	*****	*****	*****	*****						
Potassium (K)	148.2	262.7	*****	*****	*****	*****	*****						
Calcium (Ca)	1,093.8	1,831.7	*****	*****	*****	*****	*****						
Magnesium (Mg)	173.2	314.0	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.0	6.2	3.4	9.1	1.76				4.2	60.1	15.7	0.6	19.4	80.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.5	703.1		4.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Ithaca NY 14850  
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Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076320  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 12  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	51.7	9.5	*****	*****	*****	*****	*****
Potassium (K)	74.4	132.4	*****	*****	*****	*****	*****
Calcium (Ca)	1,322.2	2,283.1	*****	*****	*****	*****	*****
Magnesium (Mg)	177.6	321.9	*****	*****	*****	*****	*****

  

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
6.2	6.2	3.5	10.1	1.80				1.9	65.3	14.5	0.5	17.8	82.2

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.5	635.9		3.2						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	44.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	44.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	44.00		
Comments								

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Sample #: 76076330  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 13  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	161.1	25.2	*****	*****	*****	*****	*****
Potassium (K)	137.5	243.8	*****	*****	*****	*****	*****
Calcium (Ca)	983.2	1,613.0	*****	*****	*****	*****	*****
Magnesium (Mg)	150.1	272.0	*****	*****	*****	*****	*****

  

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
5.8	6.1	3.4	8.7	2.12				4.0	56.5	14.2	0.8	24.4	75.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
16.9	872.8		4.6						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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**Sample #:** 76076340  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 14  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	131.4	28.2	*****	*****	*****	*****	*****						
Potassium (K)	127.1	225.6	*****	*****	*****	*****	*****						
Calcium (Ca)	1,184.3	2,010.5	*****	*****	*****	*****	*****						
Magnesium (Mg)	181.4	329.0	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.2	6.1	3.4	9.7	1.92				3.3	60.9	15.4	0.6	19.8	80.2

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.0	773.6		3.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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**Sample #:** 76076350  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 15  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	122.7	32.0	*****	*****	*****	*****	*****						
Potassium (K)	70.2	125.0	*****	*****	*****	*****	*****						
Calcium (Ca)	1,503.4	2,641.2	*****	*****	*****	*****	*****						
Magnesium (Mg)	189.9	344.5	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.1	6.2	3.7	11.1	1.80				1.6	67.5	14.1	0.6	16.2	83.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
15.0	726.9		3.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	52.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	52.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	52.00		
Comments								

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www.dairyone.com

Sample #: 76076360  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 16  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	144.4	10.1	*****	*****	*****	*****	*****						
Potassium (K)	87.2	155.1	*****	*****	*****	*****	*****						
Calcium (Ca)	932.9	1,513.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	188.7	342.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.6	6.0	3.9	9.0	2.48				2.5	51.8	17.3	0.8	27.6	72.4

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
16.1	1,051.0		4.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	10.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	20.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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Sample #: 76076370  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 17  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	86.1	10.0	*****	*****	*****	*****	*****						
Potassium (K)	50.6	90.5	*****	*****	*****	*****	*****						
Calcium (Ca)	1,031.5	1,708.6	*****	*****	*****	*****	*****						
Magnesium (Mg)	157.4	285.3	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.0	6.0	3.5	8.9	2.24				1.5	58.0	14.6	0.7	25.2	74.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.7	853.5		3.2						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	90.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	90.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	90.00		
Comments								

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Sample #: 76076380  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 18  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	73.9	11.3	*****	*****	*****	*****	*****						
Potassium (K)	80.2	142.6	*****	*****	*****	*****	*****						
Calcium (Ca)	1,092.4	1,828.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	129.8	235.1	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.7	6.1	3.3	8.9	2.16				2.3	60.9	11.9	0.7	24.1	75.9

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.5	759.6		2.7						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	10.00	32.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	32.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	32.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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**Sample #:** 76076390  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 19  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	193.4	12.2	*****	*****	*****	*****	*****						
Potassium (K)	84.0	149.5	*****	*****	*****	*****	*****						
Calcium (Ca)	795.9	1,242.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	127.7	231.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.5	5.9	3.7	8.2	2.88				2.6	48.5	12.8	0.8	35.2	64.8

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.9	1,086.4		5.1						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.50	150.00	10.00	25.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	25.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	25.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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www.dairyone.com

Sample #: 76076400  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 20  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	106.7	16.2	*****	*****	*****	*****	*****
Potassium (K)	71.8	127.8	*****	*****	*****	*****	*****
Calcium (Ca)	987.0	1,620.6	*****	*****	*****	*****	*****
Magnesium (Mg)	142.1	257.4	*****	*****	*****	*****	*****

  

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
5.5	6.0	3.5	8.7	2.36				2.1	56.6	13.4	0.7	27.1	72.9

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.1	826.1		3.2						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	48.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	48.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	48.00		
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

[http://hmsp.css.cornell.edu/publications/tables/pdf/N\\_decay\\_manure.pdf](http://hmsp.css.cornell.edu/publications/tables/pdf/N_decay_manure.pdf) for guidelines to credit nutrients from manure appropriately.

Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

Please note: if requested yield goals exceed the stated minimum or maximum, the minimum or maximum value, respectively, will be used to generate recommendations.

**Soils Analysis Report**  
with Dairy One Nutrient Guidelines



**Dairy One**  
Agronomy Services

Dairy One  
730 Warren Road  
Ithaca NY 14850  
Ph: 800.496.3344  
Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076410  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 21  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	69.1	10.8	*****	*****	*****	*****	*****						
Potassium (K)	62.2	110.9	*****	*****	*****	*****	*****						
Calcium (Ca)	1,255.9	2,152.1	*****	*****	*****	*****	*****						
Magnesium (Mg)	140.5	254.5	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.0	6.1	3.4	9.8	2.12				1.6	64.2	11.8	0.7	21.7	78.3

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
15.3	756.5		3.1						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	67.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	67.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	67.00	
Comments							

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Sample #: 76076420  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 22  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	219.7	16.2	*****	*****	*****	*****	*****						
Potassium (K)	83.3	148.2	*****	*****	*****	*****	*****						
Calcium (Ca)	837.7	1,325.5	*****	*****	*****	*****	*****						
Magnesium (Mg)	140.9	255.3	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.5	6.0	3.4	8.1	2.48				2.6	51.7	14.3	0.7	30.7	69.3

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.1	1,073.5		5.1						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	26.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	26.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	26.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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Sample #: 76076430  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 23  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	82.3	11.6	*****	*****	*****	*****	*****						
Potassium (K)	59.9	106.8	*****	*****	*****	*****	*****						
Calcium (Ca)	1,045.1	1,735.5	*****	*****	*****	*****	*****						
Magnesium (Mg)	137.4	249.0	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.9	6.0	3.5	8.8	2.24				1.7	59.2	12.8	0.7	25.4	74.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.9	801.4		2.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	10.00	72.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	72.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	72.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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Sample #: 76076440  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 24  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	96.1	17.6	*****	*****	*****	*****	*****						
Potassium (K)	74.8	133.2	*****	*****	*****	*****	*****						
Calcium (Ca)	1,321.1	2,280.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	156.8	284.1	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	3.5	10.3	2.20				1.9	63.8	12.5	0.5	21.3	78.7

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.1	789.9		3.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	43.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	43.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	43.00		
Comments								

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Sample #: 76076450  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 25  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	141.5	28.1	*****	*****	*****	*****	*****						
Potassium (K)	226.5	401.0	*****	*****	*****	*****	*****						
Calcium (Ca)	1,066.3	1,777.2	*****	*****	*****	*****	*****						
Magnesium (Mg)	227.8	413.4	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.1	6.1	4.1	9.8	1.96				5.9	54.4	19.1	0.6	20.0	80.0

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.5	796.6		4.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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# Soils Analysis Report

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www.dairyone.com

**Sample #:** 76076460  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 26  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	92.0	19.6	*****	*****	*****	*****	*****						
Potassium (K)	138.5	245.6	*****	*****	*****	*****	*****						
Calcium (Ca)	1,204.2	2,049.9	*****	*****	*****	*****	*****						
Magnesium (Mg)	184.1	333.8	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.0	6.1	3.5	9.8	1.84				3.6	61.5	15.5	0.6	18.8	81.2

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.2	725.2		3.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076470  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 27  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	63.0	13.7	*****	*****	*****	*****	*****						
Potassium (K)	88.2	156.8	*****	*****	*****	*****	*****						
Calcium (Ca)	1,381.3	2,399.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	187.6	340.3	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.2	6.1	3.7	10.6	1.92				2.1	64.8	14.5	0.5	18.0	82.0

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.2	653.1		3.7						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
Comments							

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Sample #: 76076480  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 28  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	152.1	33.9	*****	*****	*****	*****	*****						
Potassium (K)	135.5	240.4	*****	*****	*****	*****	*****						
Calcium (Ca)	1,090.6	1,825.4	*****	*****	*****	*****	*****						
Magnesium (Mg)	195.2	354.1	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.9	6.1	4.0	9.5	2.04				3.7	57.4	16.9	0.5	21.5	78.5

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.0	769.8		4.7						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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Sample #: 76076490  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 29  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	123.6	27.3	*****	*****	*****	*****	*****						
Potassium (K)	101.8	180.8	*****	*****	*****	*****	*****						
Calcium (Ca)	1,192.7	2,027.1	*****	*****	*****	*****	*****						
Magnesium (Mg)	176.6	320.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.2	6.1	3.6	9.6	1.92				2.7	61.8	15.1	0.5	19.9	80.1

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
11.6	757.1		3.6						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
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

[http://hmsp.css.cornell.edu/publications/tables/pdf/N\\_decay\\_manure.pdf](http://hmsp.css.cornell.edu/publications/tables/pdf/N_decay_manure.pdf) for guidelines to credit nutrients from manure appropriately.

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# Soils Analysis Report

with Dairy One Nutrient Guidelines



**Dairy One**  
Agronomy Services

Dairy One  
730 Warren Road  
Ithaca NY 14850  
Ph: 800.496.3344  
Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076500  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 30  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	130.7	38.1	*****	*****	*****	*****	*****						
Potassium (K)	87.3	155.1	*****	*****	*****	*****	*****						
Calcium (Ca)	1,586.2	2,804.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	181.9	329.9	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.1	6.2	4.2	11.4	1.72				2.0	69.4	13.1	0.5	15.1	84.9

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.1	699.3		4.1						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076510  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 31  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	131.2	9.5	*****	*****	*****	*****	*****						
Potassium (K)	90.8	161.4	*****	*****	*****	*****	*****						
Calcium (Ca)	952.0	1,551.3	*****	*****	*****	*****	*****						
Magnesium (Mg)	177.5	321.9	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.1	6.1	3.8	8.7	2.20				2.7	54.6	16.8	0.7	25.3	74.7

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.8	1,031.6		4.9						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O	
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	20.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	20.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	20.00	
Comments							

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Sample #: 76076520  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 32  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	78.2	12.1	*****	*****	*****	*****	*****
Potassium (K)	79.1	140.7	*****	*****	*****	*****	*****
Calcium (Ca)	882.7	1,414.4	*****	*****	*****	*****	*****
Magnesium (Mg)	127.6	231.1	*****	*****	*****	*****	*****

  

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
5.8	6.1	3.4	7.8	2.08				2.6	56.6	13.5	0.7	26.7	73.3

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
11.9	748.0		2.6						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	10.00	34.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	34.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	34.00		
Comments								

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Yr0 Lime rate based on 100% Effective Neutralizing Value (ENV)

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Sample #: 76076530  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 33  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	79.2	14.5	*****	*****	*****	*****	*****
Potassium (K)	72.5	129.1	*****	*****	*****	*****	*****
Calcium (Ca)	1,134.2	1,911.5	*****	*****	*****	*****	*****
Magnesium (Mg)	133.0	240.9	*****	*****	*****	*****	*****

  

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
6.1	6.1	3.6	9.1	2.08				2.0	62.3	12.1	0.6	22.9	77.1

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.5	733.5		4.4						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	47.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	47.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	47.00		

#### Comments

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Sample #: 76076540  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 34  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	181.5	18.4	*****	*****	*****	*****	*****						
Potassium (K)	112.8	200.3	*****	*****	*****	*****	*****						
Calcium (Ca)	771.8	1,195.2	*****	*****	*****	*****	*****						
Magnesium (Mg)	147.8	267.8	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.6	6.0	3.8	7.9	2.48				3.7	48.8	15.4	0.8	31.4	68.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.0	971.0		5.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076550  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 35  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	93.5	16.0	*****	*****	*****	*****	*****
Potassium (K)	58.0	103.6	*****	*****	*****	*****	*****
Calcium (Ca)	891.8	1,432.5	*****	*****	*****	*****	*****
Magnesium (Mg)	121.3	219.6	*****	*****	*****	*****	*****

  

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
6.0	6.0	3.6	7.9	2.24				1.9	56.4	12.6	0.7	28.4	71.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.3	761.4		3.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	75.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	75.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	75.00		
Comments								

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Sample #: 76076560  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 36  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	74.1	12.8	*****	*****	*****	*****	*****						
Potassium (K)	57.0	101.7	*****	*****	*****	*****	*****						
Calcium (Ca)	1,155.7	1,954.0	*****	*****	*****	*****	*****						
Magnesium (Mg)	123.6	223.8	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	3.4	9.1	2.12				1.6	63.3	11.2	0.6	23.3	76.7

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.6	736.8		3.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	77.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	77.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	77.00		
Comments								

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Sample #: 76076570  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 37  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	193.1	19.4	*****	*****	*****	*****	*****
Potassium (K)	90.6	161.0	*****	*****	*****	*****	*****
Calcium (Ca)	619.3	894.0	*****	*****	*****	*****	*****
Magnesium (Mg)	94.3	170.5	*****	*****	*****	*****	*****

  

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
5.6	5.9	3.5	6.9	2.76				3.4	44.7	11.2	0.8	39.9	60.1

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
12.2	959.1		4.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076580  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 38  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	87.8	13.6	*****	*****	*****	*****	*****						
Potassium (K)	58.4	104.2	*****	*****	*****	*****	*****						
Calcium (Ca)	945.1	1,537.8	*****	*****	*****	*****	*****						
Magnesium (Mg)	134.5	243.6	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
5.8	6.1	3.5	8.1	2.08				1.8	58.1	13.6	0.8	25.6	74.4

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.6	779.2		3.2						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	1.00	150.00	0.00	75.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	75.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	75.00	
Comments							

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Ithaca NY 14850  
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Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076590  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 39  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	79.2	14.4	*****	*****	*****	*****	*****
Potassium (K)	53.8	96.0	*****	*****	*****	*****	*****
Calcium (Ca)	1,126.2	1,895.7	*****	*****	*****	*****	*****
Magnesium (Mg)	121.8	220.5	*****	*****	*****	*****	*****

  

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
6.0	6.1	3.5	9.0	2.20				1.5	62.3	11.1	0.7	24.4	75.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
15.2	733.8		3.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	84.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	84.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	84.00		
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

[http://hmsp.css.cornell.edu/publications/tables/pdf/N\\_decay\\_manure.pdf](http://hmsp.css.cornell.edu/publications/tables/pdf/N_decay_manure.pdf) for guidelines to credit nutrients from manure appropriately.

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**Soils Analysis Report**  
with Dairy One Nutrient Guidelines



**Dairy One**  
Agronomy Services

Dairy One  
730 Warren Road  
Ithaca NY 14850  
Ph: 800.496.3344  
Fax: 607.257.1350  
www.dairyone.com

Sample #: 76076600  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 40  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	139.6	24.7	*****	*****	*****	*****	*****						
Potassium (K)	222.8	394.5	*****	*****	*****	*****	*****						
Calcium (Ca)	902.5	1,453.5	*****	*****	*****	*****	*****						
Magnesium (Mg)	171.4	310.8	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.0	6.1	3.3	8.4	1.88				6.8	53.5	16.8	0.6	22.4	77.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
10.9	813.4		4.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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Sample #: 76076610  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 41  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	84.7	19.8	*****	*****	*****	*****	*****						
Potassium (K)	155.2	275.2	*****	*****	*****	*****	*****						
Calcium (Ca)	967.4	1,581.7	*****	*****	*****	*****	*****						
Magnesium (Mg)	142.5	258.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.3	6.2	3.4	8.2	1.76				4.8	58.8	14.3	0.6	21.4	78.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
11.7	661.0		3.3						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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**Sample #:** 76076620  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 42  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	49.2	9.2	*****	*****	*****	*****	*****						
Potassium (K)	76.1	135.5	*****	*****	*****	*****	*****						
Calcium (Ca)	1,317.3	2,273.3	*****	*****	*****	*****	*****						
Magnesium (Mg)	178.3	323.3	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.3	6.2	3.6	10.1	1.76				1.9	65.4	14.6	0.6	17.5	82.5

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
14.2	614.5		3.3						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P2O5	K2O	
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	41.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	41.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	10.00	41.00	
Comments							

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Sample #: 76076630  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 43  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	130.3	25.9	*****	*****	*****	*****	*****
Potassium (K)	88.9	158.0	*****	*****	*****	*****	*****
Calcium (Ca)	941.5	1,530.7	*****	*****	*****	*****	*****
Magnesium (Mg)	165.6	300.3	*****	*****	*****	*****	*****

  

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
6.2	6.1	3.5	8.4	2.04				2.7	56.1	16.3	0.6	24.4	75.6

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
11.3	774.2		4.0						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00		
Comments								

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**Sample #:** 76076640  
**Date Sampled:**  
**Date Received:** 1/21/2026  
**Date Mailed:** 1/23/2026

**Crop, 3 Years Ago:** Grasses Seeding  
**Crop, 2 Years Ago:** Grasses Maintenance  
**Crop, Last Year:** Grasses Maintenance  
**Plow Depth:** No till or min till  
**Manure:** No

**Farm Name / Client:**  
**Field / Location:** 44  
**Soil Name:** Blasdell  
**Acres:**  
**Statement ID:** Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels										
			Very Low	Low	Medium	High	Very High						
Phosphorus (P)	127.5	29.5	*****	*****	*****	*****	*****						
Potassium (K)	134.7	238.8	*****	*****	*****	*****	*****						
Calcium (Ca)	1,105.9	1,855.5	*****	*****	*****	*****	*****						
Magnesium (Mg)	145.3	263.2	*****	*****	*****	*****	*****						
pH	Buffer pH	Organic Matter, %	CEC meq/100g	Exchg. Acidity meq/100g	Nitrate-N ppm	Total N %	Sol. Salts mmhos/cm	Base Saturation Values, %					
6.2	6.2	3.4	8.9	1.76				3.9	62.2	13.5	0.7	19.8	80.2

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.9	739.4		3.4						

Soil Fertilizer Recommendations			tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	20.00	
Comments							

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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Sample #: 76076650  
Date Sampled:  
Date Received: 1/21/2026  
Date Mailed: 1/23/2026

Crop, 3 Years Ago: Grasses Seeding  
Crop, 2 Years Ago: Grasses Maintenance  
Crop, Last Year: Grasses Maintenance  
Plow Depth: No till or min till  
Manure: No

Farm Name / Client:  
Field / Location: 45  
Soil Name: Blasdell  
Acres:  
Statement ID: Hudson Carbon

Component	Mehlich 3, ppm	Morgan, lbs/acre	Soil Test Levels				
			Very Low	Low	Medium	High	Very High
Phosphorus (P)	112.4	29.4	*****	*****	*****	*****	*****
Potassium (K)	64.6	115.0	*****	*****	*****	*****	*****
Calcium (Ca)	1,387.5	2,412.1	*****	*****	*****	*****	*****
Magnesium (Mg)	172.4	312.5	*****	*****	*****	*****	*****

  

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
6.4	6.2	3.4	10.3	1.72				1.6	67.3	13.8	0.6	16.7	83.3

Other Nutrients, ppm									
Na	Al	S	Zn	Mn	Fe	Cu	B	Mo	
13.3	705.1		3.8						

Soil Fertilizer Recommendations				tons / acre		lbs / acre		
Year	Crop	Yield Goal	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	63.00		
2	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	63.00		
3	Grasses Maintenance	5.0 Tons / acre	0.00	150.00	0.00	63.00		
Comments								

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

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*The recommendations generated for this report are based in part on fertility guidelines for New York State crops and soils published by Cornell University from 2003-2015. All interpretations in the report are made solely by Dairy One and assume the following: 1) accurate identification of the type of soil by the client submitting the sample, and 2) soil is sampled from within New York State. Dairy One is solely responsible for the accuracy of all soil test inputs and for adhering to soil testing procedures that are the basis for Cornell University fertility guidelines. Cornell University is not responsible for any recommendations made by Dairy One.*