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Meeting ID: 890 6569 4363

Passcode: 832838

TOWN OF GRANBY - Conservation Commission

Special Meeting Agenda

Senior Center Activity Room 2 and via Zoom

Wednesday, March 25th, 2026 7:00 p.m.

1. Call To Order
2. Public Comment
3. Review And Approval Of Minutes

   3.I. Minutes From February 26, 2026

   Documents:

   TOG CONCOMM MINUTES 2-26-2026.PDF

4. Continued Farm Lease Conversation

   Documents:

   FARMLAND LEASE RECOMMENDATION NOV 12.PDF
   2025 TOG SOIL TESTS, SPECTRUM ANALYTIC.PDF
   2025 TOG LAND SPRAY RECORDS.PDF
   SOIL TEST KEY TOG LAND 2025 (1).PDF

5. Energy Conservation & Renewables On Town Property
6. Broadleaf Solar
7. Composting
8. Bear Mitigation Education
9. Plan Of Conservation & Development
10. Meeting Topics For April 14, 2026
11. Comments From Commissioners
12. Adjourn

Town of Granby Conservation Commission

Meeting on February 26, 2026

Present: Kara Marshall, Kent McCord, Jim Szipsky, Zach Donais

1. Call to order at 7:04 pm
2. No public for comment
3. Meeting minutes from January approved
4. Farm Lease
    a. Kara Marshall discussed meeting with Mike Walsh, Mark Fiorentino and Doug Baggett
        i. Soil testing – felt that criteria recommendation met
        ii. Cover crops - planted, bad seed, reseeded late
        iii. Report out – Doug to review Town of Manchester web form and consideration of other options for reporting including
    b. Jim pointed out that organic % in soil tests were low, and that regular cover cropping is a common solution to increase organic %
    c. Jim also pointed out that only two tests were conducted for 125 acres, whereas typical recommendations is one test per 5-10 acres
    d. Jim volunteered to meet with Mike Walsh and Mark Fiorentino to review soil sampling results and standard protocols
    e. Kara to request updated lease to understand soil testing requirements
    f. There was agreement to discuss the farm lease recommendations at March 10 meeting with Mark F. Also agreed to invite Mike W. to the meeting or offer a follow-up meeting with Mike.
5. Renewables on Town Property
    a. Kent has re-engaged with C-TEC solar and another firm on assessing solar for town buildings. Mike Walsh is pushing for this and supportive.
    b. Kent discussed the BroadLeaf Solar project on Rt 10. It may be moving forward, and the Conservation Commission should provide suggested requirements for native and pollinator friendly planting. Kent will volunteer to draft requirements when required.
6. Energy Conservation
    a. Jim discussed that CHA conducted Eversource-funded energy assessment on Feb.5 of all buildings in Town Center complex and Town Garage. Jim spent ~3 hours with them. Report not available yet.
7. Composting – no report
8. Plan of Conservation & Development
    a. Jim continues to work on POCD committee. The new draft seems to be a small change to the old draft.
    b. Next public input session March 12
9. Sustainable Connecticut
    a. Kara spoke with Mike Walsh. Mike agreed that recertifying is not a priority for the Town.
10. Meeting Topics for March 10, 2026
    a. Make the following changes compared to this meeting's agenda
        i. Remove Sustainable CT
        ii. Add BroadLeaf Solar
        iii. Add bear-in-trash solution discussion
11. Final Comments from Commissioners
    a. Kara spoke with Mike Walsh. Mike asked us to work on bear-in-trash solutions.
    b. Kara reported that Mike offered a tour of the transfer station.

c. Zach reported that controlled burn on wildflower field planned this spring.
d. Jim reported no response from AP Science teacher regarding memo taker.
e. Kara suggests letter to the editor or article in Drummer asking for note taker.

12. Adjourn - meeting closed at 8:01pm

TO: Granby Town Manager Mike Walsh
FR: Granby Conservation Commission / Agricultural Commission
RE: Recommendations for near-term actions on leased town farmland
DT: November 12, 2025

The Granby Conservation Commission and Granby Agriculture Commission recommend the following clarifications be made to the current farmland leases on town owned property and would like to meet with you to discuss, review and clarify these recommendations. Please note that two of these items are of time critical importance – Sowing Cover Crops and Soil Testing.

Recommendation 1: Sow cover crops. Every resource and expert we have consulted, (UCONN Agricultural Extension, CT Department of Agriculture, SARE (Sustainable Agriculture Research and Education), AFLT (American Farmland Trust), etc.) confirm that using cover crops is prudent and responsible farmland stewardship to ensure that valuable farmland is sustainably maintained in good productive condition. Cover crops such as winter rye, for example, help stabilize the soil, control pests, prevent erosion from wind and water, provide organic matter to enrich the soil and protect surrounding properties, waterways and people. Cover crops are widely used in our area and can be seen on Holcomb Farm, The Garlic Farm, Granby Land Trust fields and numerous other fields in Granby and our region.

We are glad to discuss cover cropping in detail and representatives from either the UCONN Agricultural Extension or the CT Department of Agriculture would be glad to join in education discussion on this topic. For fall 2025 we have very few cover crop options remaining given the late date but winter rye can still be successfully planted for a few more weeks. In future seasons, we would expect that our lessee would select a cover crop based on the soil nutritional needs by October. We are also glad to discuss cover crop economics. It is widely understood that the cost of cover crops is outweighed by using less soil supplements / pesticides in future seasons.

Recommendation 2: Soil testing. Again, every resource and expert consulted agrees that an essential step in land stewardship is soil testing. Additionally, to ensure that the stewardship requirements of the lease are met, we need to set a baseline. We recommend that soil testing begin this fall and occur annually thereafter. The Conservation Commission further offers to manage/execute the fall '25 soil testing program to set the critical baseline. Representatives from the UCONN Agricultural Extension are glad to support the analysis and interpretation of our soil test results. Cost of soil testing expected to cost $500 for all town owned leased properties. Tests are ~ $25 per test.

Recommendation 3: Enhanced Communication: We further recommend that an annual survey similar to that used by the town of Mansfield, CT be established to help ensure clear communications and successful stewardship. The online survey, highlighted to us by the UCONN Agricultural Extension / Mansfield Agricultural Commission, is used to document numerous aspects of each recently completed season and plans for the next season. (Soil amendments, supplements applied / planned, planned crops, confirmation of insurance, annual compliance statement regarding adherence to state and federal regulations, etc.) We see this as an excellent example of good

stewardship and key to managing leases successfully.
https://mansfieldct.jotform.com/223134720832044

Note: Regarding the recently completed farming season we would like to review the season ending information that was agreed to earlier this spring. We would also like to share the feedback that was provided at our recent meetings by town residents. While this item is very important, we do not wish to hold on a meeting to discuss items 1, 2 and 3 if season ending information is not yet in hand from the lessee.

Thank you,

Kara Marshall on behalf of the CC and AC

Soil Analysis Report

Spectrum Analytic
1087 Jamison Road NW
Washington Court House, OH 43160-8748
www.spectrumanalytic.com

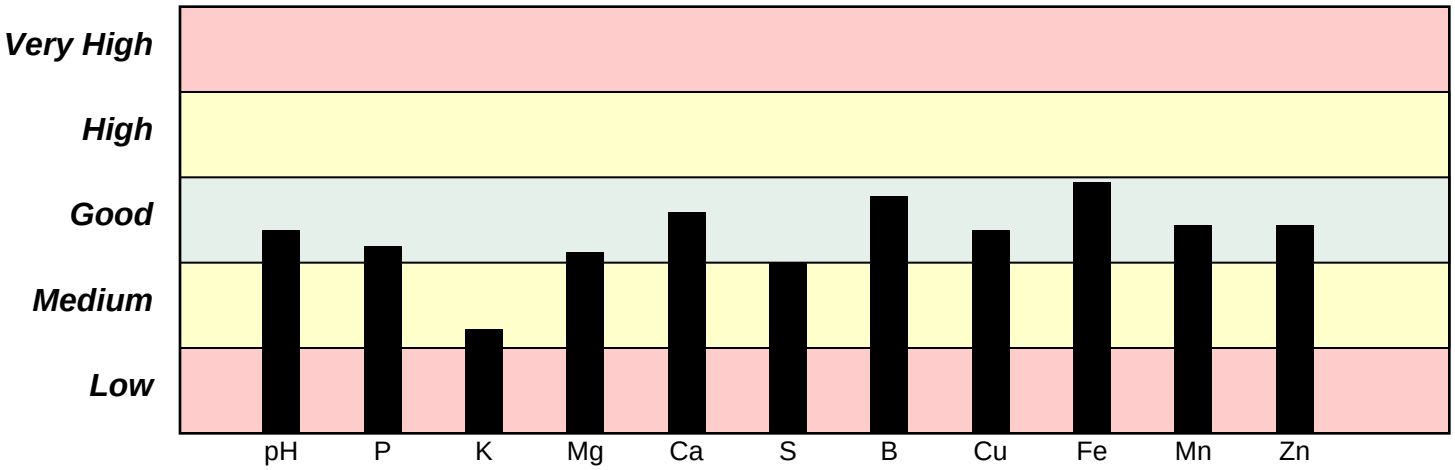
NORTHERN VALLEY FARMS, INC.
137 EAST STREET SOUTH
SUFFIELD, CT 06078

Prepared For
54411
JOHN BAGGOTT
NORTHERN VALLEY FARM
137 EAST ST S

Sample Information			
Sample	202501	Sampled	04-30-2025
Lab Number	J13796	Tested	05-06-2025
Acres	12		

Analysis		Result	Optimal
Soil pH		6.4	6.0-7.0
Buffer pH		7.0	
Organic Matter	%	1.6	
CEC		4.4	
K Saturation	%	3.6	2.0-4.0
Mg Saturation	%	24.9	10-20
Ca Saturation	%	71.5	50-70
K/Mg Ratio		0.5	
Ca/Mg Ratio		5.6	
Phosphorus	m3-ppm	65	60-90
Potassium	m3-ppm	74	120-210
Magnesium	m3-ppm	151	130-270
Calcium	m3-ppm	846	500-1000

Analysis		Result	Optimal
Sulfur	m3-ppm	20	20-40
Boron	m3-ppm	1.5	0.9-1.7
Copper	m3-ppm	2.9	Varies
Iron	m3-ppm	180	65-185
Manganese	m3-ppm	46	Varies
Zinc	m3-ppm	7.0	3.9-10.9



Recommendations — *Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)*

Yr	Crop		CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
25	Tobacco, Dark	30 cwt	408	264	114	163	11	5	0.00	0	0	0	0

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Tobacco, Dark: Monitor and adjust nutrient program based on annual tissue analysis

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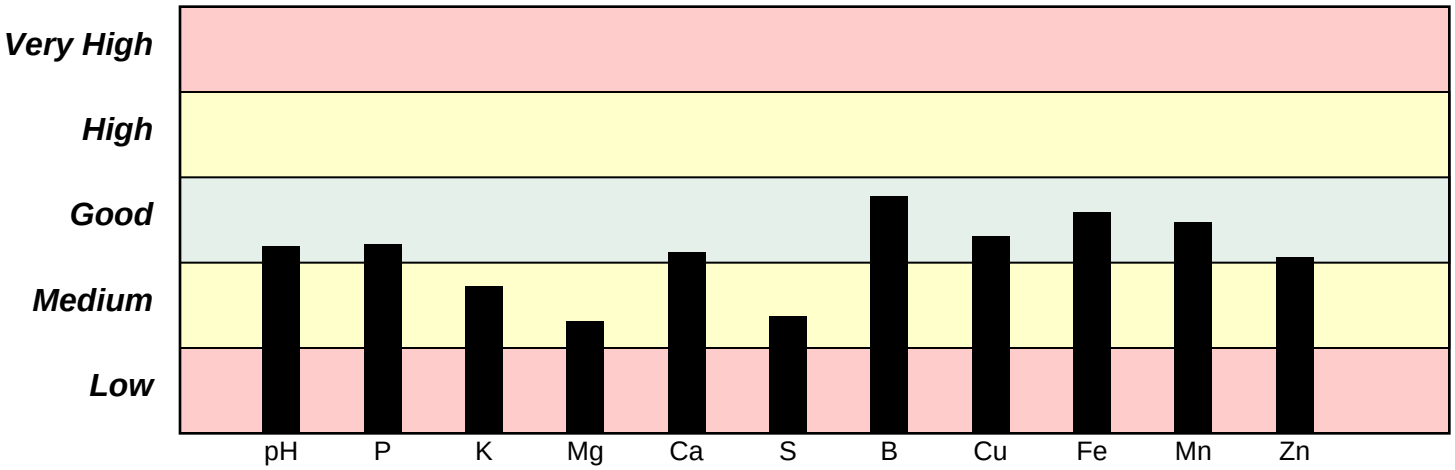
Sample Information			
Sample	202502	Sampled	04-30-2025
Lab Number	J13797	Tested	05-06-2025
Acres	5		

Analysis		Result	Optimal
Soil pH		6.2	6.0-7.0
Buffer pH		7.0	
Organic Matter	%	1.8	
CEC		3.0	
K Saturation	%	7.5	2.0-4.0
Mg Saturation	%	21.0	10-20
Ca Saturation	%	71.5	50-70
K/Mg Ratio		1.2	
Ca/Mg Ratio		6.6	
Phosphorus	m3-ppm	71	60-100
Potassium	m3-ppm	103	120-210
Magnesium	m3-ppm	85	130-270
Calcium	m3-ppm	565	500-1000

Analysis		Result	Optimal
Sulfur	m3-ppm	14	20-40
Boron	m3-ppm	1.5	0.9-1.7
Copper	m3-ppm	1.1	Varies
Iron	m3-ppm	138	65-185
Manganese	m3-ppm	37	Varies
Zinc	m3-ppm	4.4	3.9-10.9



Recommendations — *Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)*

Yr	Crop		CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
25	Tobacco, Dark	30 cwt	761D	282	113	139	17	10	0.00	0	0	0	3

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Tobacco, Dark: Monitor and adjust nutrient program based on annual tissue analysis

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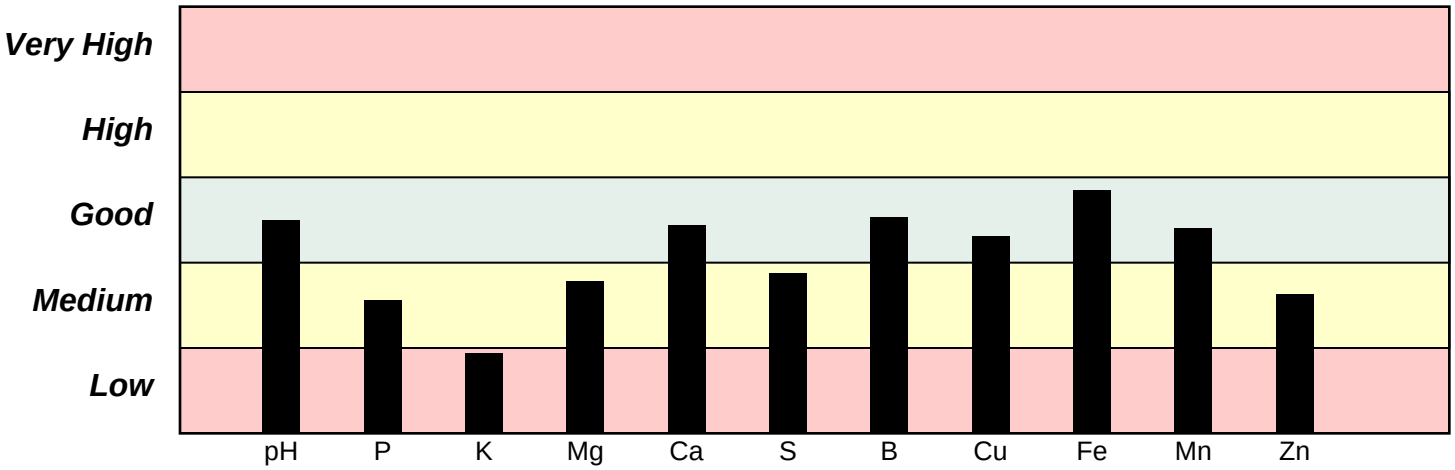
Sample Information			
Sample	202503	Sampled	04-30-2025
Lab Number	J13798	Tested	05-06-2025
Acres	4		

Analysis		Result	Optimal
Soil pH		6.5	6.0-7.0
Buffer pH		6.9	
Organic Matter	%	1.8	
CEC		5.0	
K Saturation	%	2.5	2.0-4.0
Mg Saturation	%	17.5	10-20
Ca Saturation	%	58.2	50-70
K/Mg Ratio		0.5	
Ca/Mg Ratio		6.5	
Phosphorus	m3-ppm	45	60-90
Potassium	m3-ppm	58	120-210
Magnesium	m3-ppm	118	130-270
Calcium	m3-ppm	769	500-1100

Analysis		Result	Optimal
Sulfur	m3-ppm	19	20-40
Boron	m3-ppm	1.3	0.9-1.7
Copper	m3-ppm	2.7	Varies
Iron	m3-ppm	169	65-185
Manganese	m3-ppm	50	Varies
Zinc	m3-ppm	3.1	3.9-10.9



Recommendations — *Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)*

Yr	Crop		CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
25	Tobacco, Dark	30 cwt	0	282	147	177	21	5	0.00	0	0	0	5

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Tobacco, Dark: Monitor and adjust nutrient program based on annual tissue analysis

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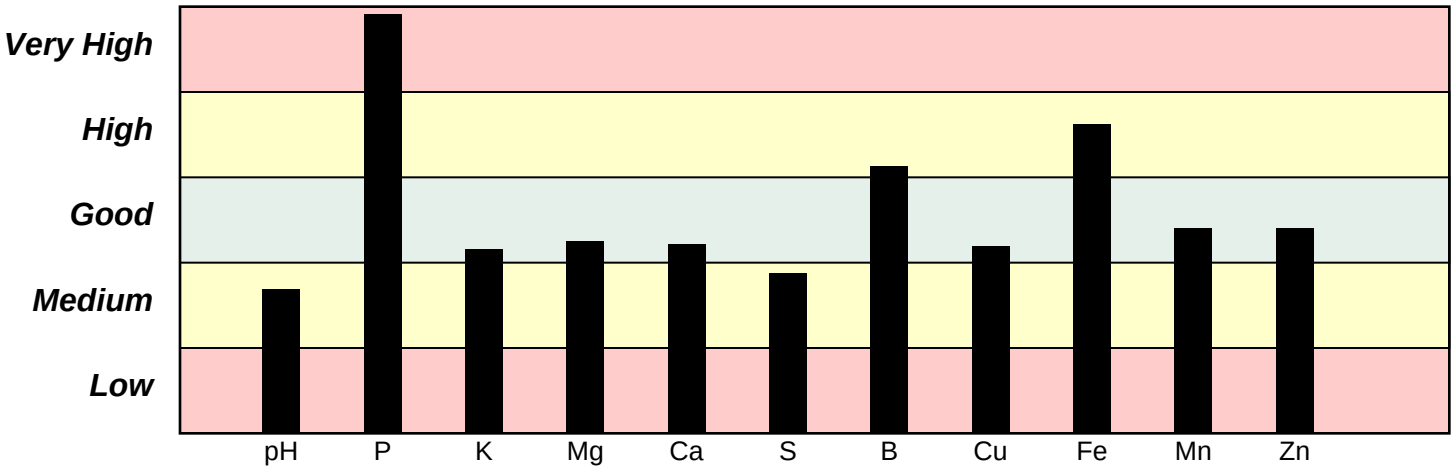
Sample Information			
Sample	202504	Sampled	04-30-2025
Lab Number	J13799	Tested	05-06-2025
Acres	10		

Analysis		Result	Optimal	Analysis		Result	Optimal
Soil pH		5.9	6.2-7.0	Sulfur	m3-ppm	19	20-40
Buffer pH		7.0		Boron	m3-ppm	1.9	0.9-1.7
Organic Matter	%	2.3		Copper	m3-ppm	3.0	Varies
CEC		3.9		Iron	m3-ppm	274	65-185
K Saturation	%	7.3	2.0-4.0	Manganese	m3-ppm	8	Varies
Mg Saturation	%	31.5	10-20	Zinc	m3-ppm	6.9	3.9-10.9
Ca Saturation	%	61.1	50-70				
K/Mg Ratio		0.8					
Ca/Mg Ratio		3.8					
Phosphorus	m3-ppm	260	60-90				
Potassium	m3-ppm	133	120-210				
Magnesium	m3-ppm	168	130-270				
Calcium	m3-ppm	637	500-1000				



Recommendations			Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)										
Yr	Crop		CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
25	Sweet Corn	10 ton	1260	197	0	137	10	5	0.00	0	0	0	8

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Sweet Corn: Consider taking a 12" deep soil sample at 6"-12" tall to determine need for sidedress N (PSNT). Monitor and adjust nutrient program with annual leaf analysis

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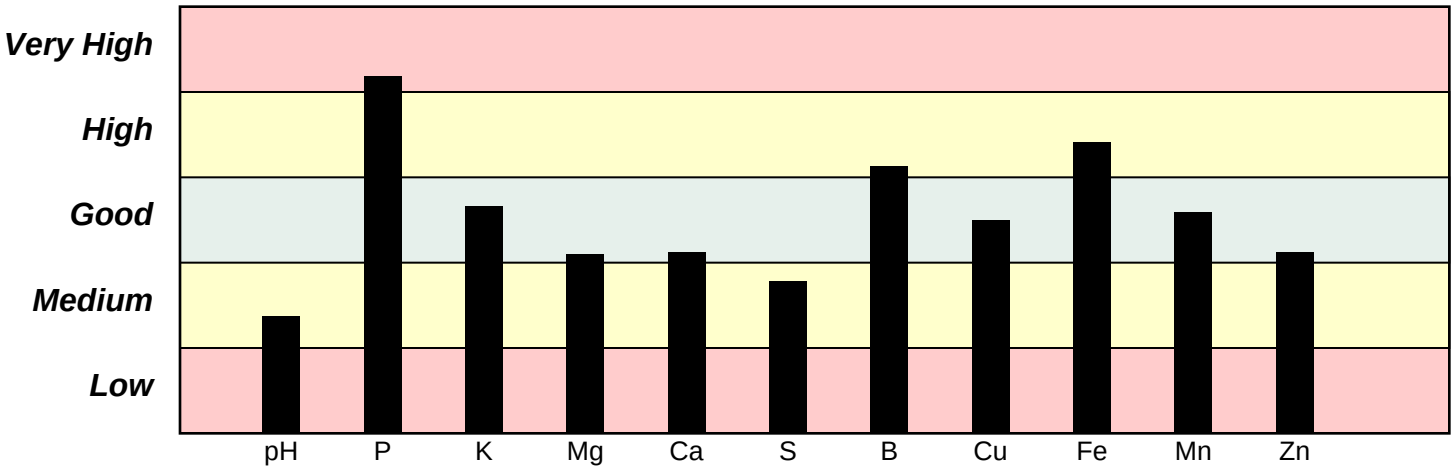
Sample Information			
Sample	202505	Sampled	04-30-2025
Lab Number	J13800	Tested	05-06-2025
Acres	20		

Analysis		*Result*	*Optimal*
Soil pH		5.6	6.2-7.0
Buffer pH		6.9	
Organic Matter	%	1.5	
CEC		4.9	
K Saturation	%	7.9	2.0-4.0
Mg Saturation	%	21.5	10-20
Ca Saturation	%	46.3	50-70
K/Mg Ratio		1.2	
Ca/Mg Ratio		4.2	
Phosphorus	m3-ppm	173	60-90
Potassium	m3-ppm	180	120-210
Magnesium	m3-ppm	145	130-270
Calcium	m3-ppm	609	500-1100

Analysis		*Result*	*Optimal*
Sulfur	m3-ppm	18	20-40
Boron	m3-ppm	1.9	0.9-1.7
Copper	m3-ppm	3.0	Varies
Iron	m3-ppm	244	65-185
Manganese	m3-ppm	14	Varies
Zinc	m3-ppm	4.8	3.9-10.9



Recommendations			*Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)*										
Yr	*Crop*		*CaCO3*	*N*	*P2O5*	*K2O*	*Mg*	*S*	*B*	*Cu*	*Fe*	*Mn*	*Zn*
25	Sweet Corn	10 ton	2270C	205	0	98	30	6	0.00	0	0	0	9

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Sweet Corn: Consider taking a 12" deep soil sample at 6"-12" tall to determine need for sidedress N (PSNT). Monitor and adjust nutrient program with annual leaf analysis

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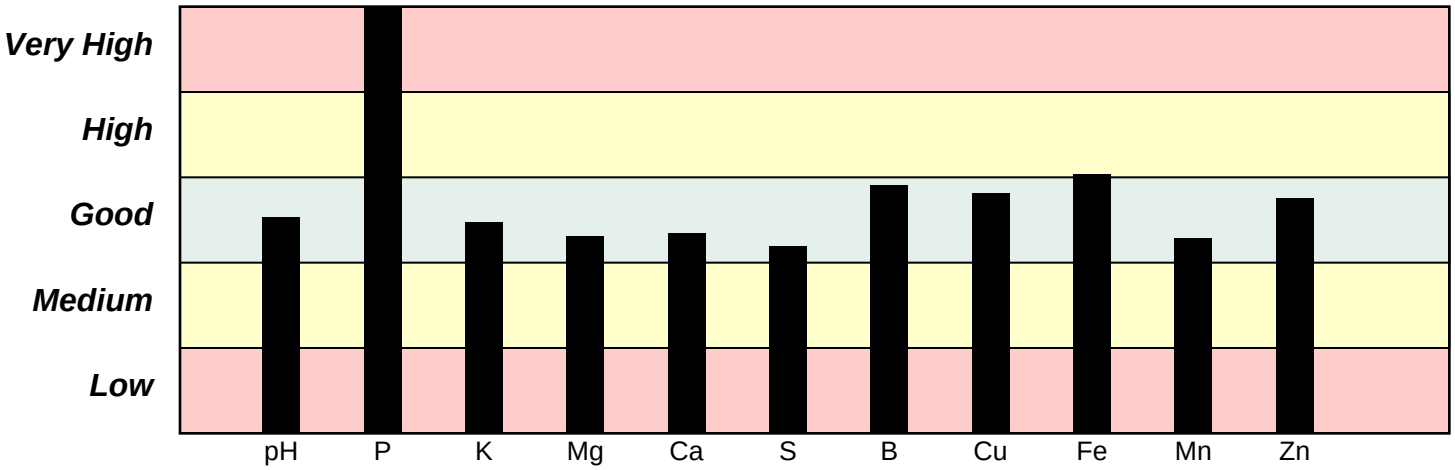
Sample Information			
Sample	202506	Sampled	04-30-2025
Lab Number	J13802	Tested	05-06-2025
Acres	5		

Analysis		Result	Optimal
Soil pH		6.2	5.5-6.8
Buffer pH		6.9	
Organic Matter	%	2.3	
CEC		6.6	
K Saturation	%	5.5	2.0-4.0
Mg Saturation	%	20.5	10-20
Ca Saturation	%	55.9	50-70
K/Mg Ratio		0.9	
Ca/Mg Ratio		5.3	
Phosphorus	m3-ppm	252	50-80
Potassium	m3-ppm	171	130-220
Magnesium	m3-ppm	186	140-280
Calcium	m3-ppm	990	800-1300

Analysis		Result	Optimal
Sulfur	m3-ppm	24	20-40
Boron	m3-ppm	1.6	0.9-1.7
Copper	m3-ppm	14.4	Varies
Iron	m3-ppm	190	65-185
Manganese	m3-ppm	13	Varies
Zinc	m3-ppm	9.3	3.9-10.9



Recommendations			Nutrients expressed in broadcast lbs/A, except Fe (foliar) and Mn (row)										
Yr	Crop		CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
25	Squash, winter	10 ton	0	130	0	72	0	3	0.00	0	0	0	4

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Squash, winter: Take 12" deep soil sample 7-10 days prior to vines running to determine rate of sidedress N. Otherwise sidedress 25% to 33% of N when vines begin to run. Monitor and adjust nutrient program with annual leaf analysis.

Date	Product Name	Qty	Restricted?	EPA Registration Number	Active Ingredient	Crop	Location	Description of Treated Area	Date of Application	Start Time/ End	Duration of REI	PPE Required
22-Apr	Explorer	6.4oz/acre	N	EPA Reg. No. 100-1131	Mesotrione: (CAS No. 104206-82-8) 40.0%	Sweet Corn	Evonsions	approx. 50 acres row covered	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
22-Apr	Zidua SC 2x2.5G	3.2 oz /acre	N	EPA Reg. No. 7969-374	pyroxasulfone: 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- 1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole 41 .46%	Sweet Corn	Evonsions	approx. 50 acres row covered	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
25-Apr	Explorer	6.4oz/acre	N	EPA Reg. No. 100-1131	Mesotrione: (CAS No. 104206-82-8) 40.0%	Sweet Corn	Evonsions	approx. 20 acres open culture	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
25-Apr	Zidua SC 2x2.5G	3.2 oz /acre	N	EPA Reg. No. 7969-374	pyroxasulfone: 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- 1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole 41 .46%	Sweet Corn	Evonsions	approx. 20 acres open culture	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
14-Jun	Explorer	6.4oz/acre	N	EPA Reg. No. 100-1131	Mesotrione: (CAS No. 104206-82-8) 40.0%	Sweet Corn	Barndoor Hills Rd	approx. 20 acres open culture	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
14-Jun	Zidua SC 2x2.5G	3.2 oz /acre	N	EPA Reg. No. 7969-374	pyroxasulfone: 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- 1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole 41 .46%	Sweet Corn	Barndoor Hills Rd	approx. 20 acres open culture	22-Apr	7a.m- 9a.m.	12hrs	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.
6/15/2026	Dual II Magnum2x2.5G	16 oz/ acre	N	EPA Reg. No. 100-818	S-metolachlor* 82.4%	Butternut Squash	Loomis St	4 acres in woods 2 acres wet	15-Jun	1p.m.- 2p.m.	24 hours	**All applicators and other handlers must wear**: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate or Viton™ ≥ 14 mils • Shoes plus socks **PPE required for early entry to treated areas** that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: • Coveralls • Chemical-resistant gloves made of barrier laminate or Viton ≥ 14 mils • Shoes plus socks
	Besiege 2x2.5G	8oz/acre	Y	EPA Reg. No. 100-1402	Lambda-cyhalothrin1,2 4.63% Chlorantraniliprole3 . . 9.26%	Sweet Corn	Evonsions	Entire Farm	22-Jun	10a.m.-3p.m.	24 hrs	Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils • Shoes plus socks
	Besiege 2x2.5G	8oz/acre	Y	EPA Reg. No. 100-1402	Lambda-cyhalothrin1,2 4.63% Chlorantraniliprole3 . . 9.26%	Sweet Corn	Evonsions	Entire Farm	28-Jun	10a.m.-3p.m.	24 hrs	Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils • Shoes plus socks
	Besiege 2x2.5G	8oz/acre	Y	EPA Reg. No. 100-1402	Lambda-cyhalothrin1,2 4.63% Chlorantraniliprole3 . . 9.26%	Sweet Corn	Evonsions	20 acres non row covered	3-Jul	10a.m-12p.m.	24 hrs	Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils • Shoes plus socks
	Besiege 2x2.5G	8oz/acre	Y	EPA Reg. No. 100-1402	Lambda-cyhalothrin1,2 4.63% Chlorantraniliprole3 . . 9.26%	Sweet Corn	Barndoor Hills Rd	Entire Farm	14-Aug	10a.m-12p.m.	24 hrs	Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils • Shoes plus socks
	Besiege 2x2.5G	8oz/acre	Y	EPA Reg. No. 100-1402	Lambda-cyhalothrin1,2 4.63% Chlorantraniliprole3 . . 9.26%	Sweet Corn	Barndoor Hills Rd	Entire Farm	20-Aug	10a.m-12p.m.	24 hrs	Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils • Shoes plus socks
8/21/2024	Initiate 720 2x2.5G	1 qt/ acre	N	EPA REG . NO . 34704-881	Chlorothalonil (tetrachloroisophthalonitrile) 54 .0%	butternut squash	Loomis St	entire farm	21-Aug	1p.m.- 2p.m.	12 hours	Mixers, Loaders, Applicators and all other handlers must wear: • Long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton), • Shoes plus socks
9/1/2026	Initiate 720 2x2.5G	1 qt/ acre	N	EPA REG . NO . 34704-881	Chlorothalonil (tetrachloroisophthalonitrile) 54 .0%	butternut squash	Loomis St	entire farm	1-Sep	1p.m.- 2p.m.	12 hours	Mixers, Loaders, Applicators and all other handlers must wear: • Long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton), • Shoes plus socks
9/1/2026	Orondis Ultra 4x1G	8 oz/ acre	N	EPA Reg. No. 100-1612	Oxathiapiprolin1 . .. 2.77% Mandipropamid2: . 23.10%	butternut squash	Loomis St	entire farm	1-Sep	1p.m.- 2p.m.	4 hours	Mixers, loaders, applicators, and other handlers must wear: • Long-sleeved shirt • Long pants • Shoes plus socks • Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC), or Viton® ≥ 14 mils
9/11/2026	Initiate 720 2x2.5G	1 qt/ acre	N	EPA REG . NO . 34704-881	Chlorothalonil (tetrachloroisophthalonitrile) 54 .0%	Pumpkins hard squas	Loomis St	entire farm	11-Sep	4p.m.-6p.m.	12 hours	Mixers, Loaders, Applicators and all other handlers must wear: • Long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton), • Shoes plus socks
9/11/2026	Presidio 4x1G	3 oz/ acre	N	EPA Reg. No. 59639-140	Fluopicolide 39.5%	Pumpkins hard squas	Loomis St	entire farm	11-Sep	4p.m.-6p.m.	12 hours	longsleeved shirt and long pants, socks plus shoes and chemical-resistant gloves made of any waterproof material for example natural rubber > 14 mils.

8/1/2026	Dual II Magnum2x2.5G	16 oz/ acre	N	EPA Reg. No. 100-818	S-metolachlor* 82.4%	Summer Squash	Evonsions	entire Farm	1-Aug	10a.m.-3p.m.	24 hours	**All applicators and other handlers must wear**: • Long-sleeved shirt and long pants • Chemical-resistant gloves made of barrier laminate or Viton™ ≥ 14 mils • Shoes plus socks **PPE required for early entry to treated areas** that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: • Coveralls • Chemical-resistant gloves made of barrier laminate or Viton ≥ 14 mils • Shoes plus socks
9/1/2026	Initiate 720 2x2.5G	1 qt/ acre	N	EPA REG . NO . 34704-881	Chlorothalonil (tetrachloroisophthalonitrile) 54 .0%	Summer Squash	Evonsions	entire farm	1-Sep	8a.m.- 12pm	12 hours	Mixers, Loaders, Applicators and all other handlers must wear: • Long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton), • Shoes plus socks
9/1/2026	Orondis Ultra 4x1G	8 oz/ acre	N	EPA Reg. No. 100-1612	Oxathiapiprolin1 . .. 2.77% Mandipropamid2: . 23.10%	Summer Squash	Evonsions	entire farm	1-Sep	8a.m.- 12pm	4 hours	Mixers, loaders, applicators, and other handlers must wear: • Long-sleeved shirt • Long pants • Shoes plus socks • Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC), or Viton® ≥ 14 mils
9/11/2026	Initiate 720 2x2.5G	1 qt/ acre	N	EPA REG . NO . 34704-881	Chlorothalonil (tetrachloroisophthalonitrile) 54 .0%	Summer Squash	Evonsions	entire farm	11-Sep	12p.m-4p.m.	12 hours	Mixers, Loaders, Applicators and all other handlers must wear: • Long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton), • Shoes plus socks
9/												

Soil test id.

Sample#

202501 Barndoorhills main Field
202502 Barndoorhills upper Field 2 trail heads
202503 Barndoor wet, poor rye
202504 Evonsion short rows rough
202505 Evonsion 20ac west of gravel
202506 Loomis St.

Wetlands ?
trash cans / trailer

H139126

Camera as
signage
gate

A84401

$915

Farm Name	Field	Tract	Field #	Test # 1	Test # 2	Description
Indianhead		5862	2	31		South inside field after pond
Indianhead		5862	3	30		jut on Biggest IH field
Indianhead		5862	18	29	28	see map 28 is long rows
Indianhead		5862	19	28	29	29 is shorter rows before jut
Indianhead		5862	6	27		narrow strip behind grapes and corn
Indianhead		5862	8	26		corn 2022
Indianhead		5862	10	24	25	25 is of fallow land around shed
Indianhead		5862	11	23		
Indianhead		5862	12	23		
Indianhead		5862	13	21		
Indianhead		5862	14	22		
Indianhead		5862	15	20		
Indianhead		5862	16	17		
Indianhead		5862	17	16		
Guarco	Driveway		1	1		
Guarco	Mtn. Base		6	2		
Guarco	Alans		4	3		
Guarco	Alans Small		5	4		
Guarco	Powerlines		3	5		
Guarco	Iglesia		2	6		
Guarco	Southwick Small			7		
Guarco	Southwick Big			8	9	8 = Longlines 9 = Shortrows
Guarco	Southwick Big Fallow			10		wet fallow in front of Short
Evonsions	Evonsions			11		Left Side Short Rows
Evonsions	Evonsions			12		Left Side Long Rows
Evonsions	Evonsions			13		Bottom Far Field near Pond

Evonsions	Evonsions			14		Bottom 20 Nice
Evonsions	Evonsions			15		Right Side 2022 Field Corn
Balch	East Meadow			32	33	33 is North of crossroad, 32 main
Balch	WestMeadow			34		
Balch	Jut			35	36	35 is long rows 3 heavy short land
Balch	Southern Auto			37		
Balch	Subasta, Balch Extra			38		
Priest Farm				39		
Ayer Rd				40		
Nicholsons	Big			41		
Nicholsons	Small			42		
Viniconis	North and South			43	44	43 is north side, 44 south
Maxellens	Gigi			45		
Longmeadow	Dump			46		
Longmeadow	Lago			47		
Longmeadow	Middle Field			48		
Longmeadow	River Field			49		
Longmeadow	Ottani			50		
Longmeadow	Big Conservation			51		
Longmeadow	Small Conservation			52		
Longmeadow	Burts			53		
Longmeadow	Middle Club			54		
Longmeadow	Middle Club Extra			55		
Longmeadow	Clubhouse Field			56		
159	Windsor Meadow Main			57	58	57 is new land for 2022, 58 is great piece
159	Windsor Meadow small			59		
159	Hot Dog			60		

Nutrien Ag Solutions™

Report To	Prepared For	
NUTRIEN AG SOLUTIONS INC PO BOX 367 BROAD BROOK, CT 06016-0367	NORTHERN VALLEY FARMS 137 EAST STREET SOUTH SUFFIELD, CT 06078	Sampled 03-10-2023 Tested 03-15-2023

Sample Number	Lab Number	pH		Organic Matter	Analysis Result* and Rating				CEC	Base Saturation			Mehlich-3 PPM and Rating						
		Soil pH	Buffer pH	%	Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Sulfur S	Boron B	Zinc Zn	Iron Fe	Copper Cu	Mang. Mn	Alum. Al
11	B38435	6.1	6.9	1.4	244 V	71 M	142 G	585 G	4.6	3.3	22.7	47.8	14 M	0.1L	4.2 G				
12	B38436	6.4	6.9	2.3	148 H	119 M	200 G	814 G	6.0	4.3	24.5	51.1	12 M	0.1L	4.1 G				
13	B38437	6.1	6.9	1.8	122 H	74 M	131 G	520 M	4.3	3.7	22.5	45.7	11 M	0.1L	2.7 M				
14	B38438	6.1	6.9	1.9	188 V	82 M	128 M	595 G	4.5	3.9	20.6	49.1	12 M	0.1L	3.8 M				
15	B38439	6.6	7.2	2.3	137 H	68 M	182 G	778 G	5.5	2.7	24.3	53.1	16 M	0.1L	4.9 G				

** P, K, Mg and Ca are extracted by Mehlich-3 (ICP) and are reported in ppm*

Sample Number	Lab Number	Year	Crop	Yield Goal	Acres	Nutrient recommendations expressed in broadcast rates of lbs/A except where noted.										
						CaCO3** Lime	N	P2O5	K2O	Mg	S	B	Cu	Fe Foliar	Mn Row	Zn
11	B38435	23	Idle	0		0	0	0	0	0	0	0.00	0	0	0	0
12	B38436	23	Idle	0		0	0	0	0	0	0	0.00	0	0	0	0
13	B38437	23	Idle	0		0	0	0	0	0	0	0.00	0	0	0	0
14	B38438	23	Idle	0		0	0	0	0	0	0	0.00	0	0	0	0
15	B38439	23	Idle	0		0	0	0	0	0	0	0.00	0	0	0	0

***Lime expressed in 100% pure CaCO3. Adjust accordingly. D = Dolomitic Lime. C = Calcitic Lime.*