****Return by April 1st, 2026****

UPSTATE NIAGARA COOPERATIVE, INC.
FARMER OWNED

Environmental Stewardship Assesment

REFRENCE YEAR FOR ASSESSMENT: 2025 START (MM/YY): 1/1/25 END (MM/YY): 12/31/25

Please make sure your answers are for this 365 day period

Farm Information

FARM NAME: UNC Farm MEMBER NUMBER: 1234 DATE: 12/1/2025

MAIN BREED: [X] Holstein [ ] Jersey [ ] Other MILKINGS PER DAY: [X] 2 [ ] 3

Herd Numbers

PLEASE PROVIDE THE RUNNING HERD AVERAGE FOR ALL ANIMAL CLASSES, NOT THE ANNUAL TOTAL FOR 2025

MILK COWS: Lactating 500 DRY COWS: Non-lactating 75

PREWEANED CALVES ON-SITE: Birth until weaned 65

OFF-SITE & PURCHASED PREWEANED CALVES (IF ANY): Birth until weaned 0

POSTWEANED HEIFERS ON-SITE: Weaned until freshening 250

OFF-SITE & PURCHASED POSTWEANED HEIFERS (IF ANY): Weaned until freshening 10

TOTAL ADULT ANIMALS SOLD IN 2025: INCLUDE culled animals but DO NOT include heifers 71

TOTAL ADULT ANIMALS DIED IN 2025: DO NOT include culled numbers or heifers 15

Manure

DOES THE FARM HAVE A WRITTEN NUTRIENT MANAGEMENT PLAN? [X] Yes [ ] No

IF YES, WHICH TYPE? [X] NMP [ ] CNMP [X] MMP

DOES THE FARM REVIEW IT REGULARY AND UPDATE AS NEEDED? [X] Yes [ ] No

DOES THE FARM IMPLEMENT THE NUTRIENT MANAGEMENT PLAN? [X] Yes [ ] No
Implementation = nutrient testing, application, record keeping, ect.

Lactating cows

IF THERE ARE TWO DIFFERENT MANURE SYSTEMS FOR LACTATING COWS, PLEASE ANSWER ALL QUESTIONS FOR EACH. PLEASE GIVE PASTURE INFORMATION (MONTHS OUT OF THE YEAR & HOURS/DAY)

		SYSTEM 1	SYSTEM 2
Housing	Pasture, Free stall, Tie stall, Bedded pack > 1 month between clean out Bedded pack < 1 month between clean out	Free stall	Tie stall
Bedding	Sand, Straw, Sawdust, Manure solids, None	Sand	Straw
Months per year	Enter how many months out of the year this system is used	12	12
Manure handling	Manual scrapper (skidsteer, vaccum, ect.), Alley scrapper, Flush	Manual	Alley scrapper
Seperation before storage / treatment (choose up to 2 per system)	None, Sand lane/Gravity lane, Settling basin, Weeping wall, Roller press, Belt press, Sloped screen, Screw pess, Rotary screen, Custom	Screw press	None
Storage / Treatment	Daily spread (collected and spread in 24 hrs), Slurry, Composting, Solid stack, Storage underfloor, Cap and flare, Digester, Uncovered anaerobic lagoon, Covered anaerobic lagoon	Slurry	Daily spread
Storage time	Enter days between emptying manure storage	180	None

If more than 1 system is used, please provide numer of animals in each system: 450 | 50

IS MANURE FROM THE HOLDING AREA HANDLED DIFFERENTLY? [ ] Yes [X] No

Dry cows

IF THERE ARE TWO DIFFERENT MANURE SYSTEMS FOR DRY COWS, PLEASE ANSWER ALL QUESTIONS FOR EACH PLEASE GIVE PASTURE INFORMATION (MONTHS OUT OF THE YEAR & HOURS/DAY)*

		SYSTEM 1	SYSTEM 2
Housing	Pasture, Free stall, Tie stall, Bedded pack > 1 month between clean out Bedded pack < 1 month between clean out	Pasture 24 hours/day 6 months/year	Tie stall
Bedding	Sand, Straw, Sawdust, Manure solids, None		Sawdust
Months per year	Enter how many months out of the year this system is used		6
Manure handling	Manual scrapper (skidsteer, vaccum, ect.), Alley scrapper, Flush		Alley scrapper
Seperation before storage / treatment (choose up to 2 per system)	None, Sand lane/Gravity lane, Settling basin, Weeping wall, Roller press, Belt press, Sloped screen, Screw pess, Rotary screen, Custom		None
Storage / Treatment	Daily spread (collected and spread in 24 hrs), Slurry, Composting, Solid stack, Storage underfloor, Cap and flare, Digester, Uncovered anaerobic lagoon, Covered anaerobic lagoon		Solid stack
Storage time	Enter days between emptying manure storage		150

If more than 1 system is used, please provide numer of animals in each system: 75 | 75

Heifers

IF THERE ARE TWO DIFFERENT MANURE SYSTEMS FOR HEIFERS, PLEASE ANSWER ALL QUESTIONS FOR EACH
PLEASE GIVE PASTURE INFORMATION (MONTHS OUT OF THE YEAR & HOURS/DAY)*

		SYSTEM 1	SYSTEM 2
Housing	Pasture, Free stall, Tie stall, Bedded pack > 1 month between clean out Bedded pack < 1 month between clean out	Free stall	Bedded pack > 1 month
Bedding	Sand, Straw, Sawdust, Manure solids, None	Sand	Sawdust
Months per year	Enter how many months out of the year this system is used	12	12
Manure handling	Manual scrapper (skidsteer, vaccum, ect.), Alley scrapper, Flush	Alley scrapper	Manual
Seperation before storage / treatment (choose up to 2 per system)	None, Sand lane/Gravity lane, Settling basin, Weeping wall, Roller press, Belt press, Sloped screen, Screw pess, Rotary screen, Custom	None	None
Storage / Treatment	Daily spread (collected and spread in 24 hrs), Slurry, Composting, Solid stack, Storage underfloor, Cap and flare, Digester, Uncovered anaerobic lagoon, Covered anaerobic lagoon	Slurry	Daily spread
Storage time	Enter days between emptying manure storage	180	None

If more than 1 system is used, please provide number of animals in each system: 200 50

Calves

IF THERE ARE TWO DIFFERENT MANURE SYSTEMS FOR CALVES, PLEASE ANSWER ALL QUESTIONS FOR EACH
PLEASE GIVE PASTURE INFORMATION (MONTHS OUT OF THE YEAR & HOURS/DAY)*

		SYSTEM 1	SYSTEM 2
Housing	Pasture, Free stall, Tie stall, Hutches, Bedded pack > 1 month between clean out Bedded pack < 1 month between clean out	Hutches	Bedded pack > 1 month
Bedding	Sand, Straw, Sawdust, Manure solids, None	Sawdust	Sawdust
Months per year	Enter how many months out of the year this system is used	12	12
Manure handling	Manual scrapper (skidsteer, vaccum, ect.), Alley scrapper, Flush	Manual	Manual
Seperation before storage / treatment (choose up to 2 per system)	None, Sand lane/Gravity lane, Settling basin, Weeping wall, Roller press, Belt press, Sloped screen, Screw pess, Rotary screen, Custom	None	None
Storage / Treatment	Daily spread (collected and spread in 24 hrs), Slurry, Composting, Solid stack, Storage underfloor, Cap and flare, Digester, Uncovered anaerobic lagoon, Covered anaerobic lagoon	Daily spread	Solid stack
Storage time	Enter days between emptying manure storage	None	120

If more than 1 system is used, please provide number of animals in each system: 45 20

Energy Usage

PLEASE PROVIDE TOTAL ANNUAL ENERGY USAGE FOR 2025 BELOW. PLEASE DO NOT INCLUDE EMPLOYEE HOUSING. PLEASE ALSO ESTIMATE THE % OF ENEGERY USED ON DAIRY ACTIVIES. DAIRY ACTIVES INCLUDE MILKING, HEATING WATER, CLEANING, SCRAPING, FANS, GRINDING AND MIXING (NOT CROPPING ACTIVIES).

	Amount used from 1/1/25 - 12/31/25		% on dairy activities
Electricity - Do not include electricity generated from solar / wind / digester if it is exported or sold off site. Only include if it is used on the dairy	160,500	kWh	80%
Diesel	20,000	gallon	20%
Biodiesel	0	gallon	
Propane	15,000	gallon	50%
Natural Gas	0	therm OR ccf	
Gasoline	4000	gallon	100 %
Fuel Oil	0	gallon	

Renewable Energy - SKIP IF THIS DOES NOT APPLY TO YOUR FARM

Annual solar energy generated on-site	kWh
Does the farm own the REC associated with the solar energy?	Yes/No
How much of the solar energy is used on-site?	kWh
Annual wind energy generated on-site?	kWh
Does the farm own the REC associated with the wind energy?	Yes/No
How much of the wind energy is used on-site?	kWh
If the farm has an anaerobic digester: Does the farm own the carbon credits, REC or other carbon / energy credits associated with the digester?	Yes/No
RNG generated by digester?	MMcf
RNG generated by digester used on-site?	MMcf
Electricity generated by digester?	kWh
Electricity generated by digester used on-site?	kWh

Carbon Trading- SKIP IF THIS DOES NOT APPLY TO YOUR FARM

Has the farm sold any carbon emission reduction credits in 2025?	Yes/No
If yes, how many tons of CO2e were sold as credits in 2025?	Metric tons
If known, were the carbon reduction credits sold as insets or offsets?	Insets, Offsets, Unsure
Has the farm sold any credits related to carbon sequestration in 2025?	Yes/No
If yes, how many metric tons of sequestered CO2e were sold as credits during 2025?	Metric tons
If known, were the carbon sequestration credits sold as insets or offsets?	Insets, Offsets, Unsure

Conservation Practices

WHEN ANSWERING THE QUESTIONS BELOW, CONSIDER THE LAST 3 YEARS

1. Over the past 3 years, has the dairy operation (or associated land) implemented or participated in any of the following plans or programs that benefit the environment? Select all that apply

- ☐ NRCS Conservation Plan
- ☐ NRCS Conservation Stewardship Program (CSP) Plan
- ☐ NRCS Conservation Reserve Program (CRP)
- ☐ NRCS Environmental Quality Incentives Program (EQIP)
- ☐ Extension or University Research
- ☐ Collaborative Projects with Supply Chain Partners (dairy customers) Foundation Projects
- ☐ Region or State-specific Plans / Programs. Please specify if checked: Other (please describe): _____
- ☐ None of the above

2. Does the dairy operation (or any associated land) manage land or habitat for any of the following beneficial purposes? Select all that apply.

- ☐ Pollinator habitat
- ☐ Beneficial insect habitat (non-pollinator)
- ☐ Threatened or endangered species habitat
- ☐ Other wildlife habitat
- ☐ Aquatic and wetland habitat
- ☐ Recreational use (snowmobile trails)
- ☐ None of the above

3. Does the dairy operation recycle water?

☐ Yes ☐ No

3a. How is water recycled? Select all that apply

☐ Reusing plate cooler water for flushing the barn, as drinking water, or other uses
☐ Reusing water for irrigation, if applicable
☐ Capturing rainwater for cleaning or other use
☐ Other (please describe): _____

5. Does the dairy recycle inorganic materials (e.g. plastic) where possible?

☐ Yes (includes use of professional services)
☐ No
☐ N/A, not available in my area

6. Does the dairy use any of the following as bedding?

☐ Byproducts (straw, soybean hulls, ect.)
☐ Recycled manure (manure solids)
☐ Sand that is recycled
☐ None of the above

7. Is the dairy's manure sold, traded or otherwise sent off-farm for beneficial use elsewhere?

☐ Yes ☐ No

9. Which of the following energy saving technologies or practices does the dairy use?

☐ Energy efficient lighting, like LEDs
☐ Energy efficient ventilation (e.g. use of variable frequency drives (VFDs) or high volume, low speed (HVLS) fans)
☐ VSDs on milk pump or vacuum pump
☐ Plate coolers
☐ Heat recovery system (free heater)
☐ Energy-efficient equipment
☐ Regularly tune and calibrate equipment
☐ Other (please describe): _____
☐ None of the above

Land Practices and Irrigation

1. Which of the following conservation practices have been used in the last 3 years? Select all that apply, even if not used on 100% of acreage.

- ☐ Cover Crops - how many acres?: _____
- ☐ No-Till - how many acres? _____
- ☐ Strip-Till, Reduced Till, or Other Conservation Tillage - how many acres?: _____
- ☐ Crop Rotation
- ☐ Intercropping
- ☐ Contour buffer strips or strip cropping
- ☐ Riparian buffers or filter / buffer strips
- ☐ Field borders
- ☐ Grassed waterways
- ☐ Prescribed grazing
- ☐ Compaction prevention
- ☐ Stabilized stream crossings
- ☐ Water and sediment control basin
- ☐ Tile drainage with water treatment (e.g. bioreactor, constructed wetland, etc.)
- ☐ Other (please describe): _____
- ☐ None of the above

2. Approximately how frequently is soil sampling conducted in each field?

- ☐ Once per year or more frequently
- ☐ Every 2-3 years
- ☐ Every 4 years
- ☐ Every 5 years or less frequently
- ☐ Varies (e.g. depending on permit requirements, which fields receive manure applications, etc.). Please describe: _____
- ☐ Farm does not conduct soil sampling

3. Did any irrigation occur in the last 3 years?

☐ Yes ☐ No

4. What strategies are used to prevent and manage pest challenges?

- ☐ Cultural controls - (e.g. crop rotation, adjusting irrigation practices, timing of crop planting, etc.)
- ☐ Biological controls - (e.g. using natural predators, parasites, or diseases of pests)
- ☐ Physical controls - (e.g. physical removal, barriers, etc.)
- ☐ Chemical controls - (e.g. use of pesticides)

5. When crop protection products (e.g. pesticides) are used, does the individual applying the product have the required training or supervision, as applicable?

- ☐ Yes
- ☐ No
- ☐ N/A - no crop protection products are in use
- ☐ Uncertain (e.g. use contract services)

6. Is an Integrated Pest Management (IPM) Plan used?

- ☐ Yes
- ☐ No
- ☐ Uncertain (e.g. use contract services)

6a. If yes, is the IPM Plan written?

- ☐ Yes
- ☐ No
- ☐ Uncertain (e.g. use contract services

7. What factors are considered when using crop protection products (e.g. pesticides)? Check all that apply.

- ☐ Advice of Crop Consultants / Agronomists / Custom Service Provider / Other Expertise Integrated Pest Management (IPM) Plan
- ☐ Pest Identification
- ☐ Monitoring and Scouting
- ☐ Action Thresholds / Pest Population Levels
- ☐ Weather Conditions
- ☐ Presence of Pollinators or Other Non-Target Species
- ☐ Crop Stage
- ☐ Alternating Active Ingredients (i.e. to help avoid pesticide resistance)
- ☐ N/A - no crop protection products are in use
- ☐ Other: _____

8. What is the approximate acreage of the pastureland or cropland used to produce the dairy's feed or forage?

Approximate annual cropland (avg acreage of last 3 years): _____

Approximate perennial cropland (avg acreage of last 3 years): _____

Approximate pastureland (avg acreage of last 3 years): _____

CAFO Information This section is for UNC's participation in NY Grown and Certified

CAFO size: _____

CAFO permit number: _____

If you do not have CAFO, do you participate in Agricultural Environmental Management (AEM) Program with NYS Soil and Water at a tier 2 or higher?

☐ Yes ☐ No

UPSTATE NIAGARA COOPERATIVE, INC.
FARMER OWNED

Feed / Ration

REFRENCE YEAR FOR ASSESSMENT: 2025 START (MM/YY): 1/1/25 END (MM/YY): 12/31/25

Please make sure your answers are for this 365 day period

FARM NAME: UNC Farm MEMBER NUMBER: 1234 DATE: 12/1/2025

IF YOU ARE ABLE TO PROVIDE COPIES OF YOUR FEED RATIONS FROM YOUR NUTRITIONIST, PLEASE INCLUDE THEM WHEN YOU TURN THIS ASSESMENT IN. IF YOU DO INCLUDE THEM YOU MAY SKIP THIS SECTION. IF YOU ARE UNABLE TO DO THAT, PLEASE WRITE OUT RATIONS FOR EACH AGE CLASS

Lactating Cows

FEED INGREDIENT	AMOUNT FED (LBS/DAY)	AS-FED OR DRY MATTER	HOMEGROWN, PURCHASED, BOTH?
Corn Silage	18.5	DM	Homegrown
Hayleage / Grass silage	9	DM	Homegrown
Corn grain, ground	6.25	DM	Both
Roasted soybeans	1	DM	Purchased
Wheat straw	.30	DM	Purchased
Grain	14	DM	Purchased

Dry cows

FEED INGREDIENT	AMOUNT FED (LBS/DAY)	AS-FED OR DRY MATTER	HOMEGROWN, PURCHASED, BOTH?
Corn Silage	11.07	DM	Homegrown
Alfalfa Silage	5.86	DM	Homegrown
Grass-Alfalfa Hay	6.04	DM	Homegrown
Corn grain, ground	0.44	DM	Both
Mineral Mix	0.55	DM	Purchased
Grain	3.29	DM	Purchased

Heifers (post-weaned - freshening)

FEED INGREDIENT	AMOUNT FED (LBS/DAY)	AS-FED OR DRY MATTER	HOMEGROWN, PURCHASED, BOTH?
Corn Silage	4.5	DM	Homegrown
Alfalfa Silage	5.29	DM	Homegrown
Grass-Alfalfa Hay	2.56	DM	Homegrown
Corn grain, ground	0.42	DM	Both
Mineral Mix	0.44	DM	Purchased
Grain	1.39	DM	Purchased

UPSTATE NIAGARA COOPERATIVE, INC.
FARMER OWNED

Crop / Field Management

REFRENCE YEAR FOR ASSESSMENT: 2025 START (MM/YY): 1/1/25 END (MM/YY): 12/31/25

Please make sure your answers are for this 365 day period

FARM NAME: UNC Farm MEMBER NUMBER: 1234 DATE: 12/1/2025

Crop 1

Crop: Corn silage

Harvest date range: October 10th - October 20th

Planting date range: May 5th - May 25th

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): 23,000 ton

Cutting height (inches): 10 inches

Dry matter at harvest/storage (%): 35%

Tillage date: April 1st 2025

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, (Cultivator), Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?
July 1st 2025	23-10-0	20 gal/acre	In furrow	2 inches

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered
April 21st, 2025	Liquid	0.6 - 0.4 - .05	15,000 gal/acre	Broadcast	100 %

Did you daily spread on this crop? ☐ Yes ☒ No

Crop 2

Crop: Alfalfa

Harvest date range: _____

Planting date range: _____

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): _____

Cutting height (inches): _____

Dry matter at harvest/storage (%): _____

Tillage date: _____

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, Cultivator, Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered

Did you daily spread on this crop? ☐ Yes ☐ No

Crop 3

Crop: Soybeans

Harvest date range: _____

Planting date range: _____

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): _____

Cutting height (inches): _____

Dry matter at harvest/storage (%): _____

Tillage date: _____

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, Cultivator, Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered

Did you daily spread on this crop? ☐ Yes ☐ No

Crop 4

Crop: Corn grain HMC

Harvest date range: _____

Planting date range: _____

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): _____

Cutting height (inches): _____

Dry matter at harvest/storage (%): _____

Tillage date: _____

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, Cultivator, Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered

Did you daily spread on this crop? ☐ Yes ☐ No

Crop 5

Crop: HTriticale ay

Harvest date range: _____

Planting date range: _____

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): _____

Cutting height (inches): _____

Dry matter at harvest/storage (%): _____

Tillage date: _____

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, Cultivator, Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered

Did you daily spread on this crop? ☐ Yes ☐ No

Crop 6

Crop: Triticale Silage

Harvest date range: _____

Planting date range: _____

Total yield (wet yield for bushels/acre for grains, tons/acre for hay, silage and baleage): _____

Cutting height (inches): _____

Dry matter at harvest/storage (%): _____

Tillage date: _____

Tillage type (circle one): Subsoiler, Moldboard plow, Coulter chisel plow, Cultivator, Seedbed conditioner, Disk harrow, Strip till

Fertilizer applications

Application date	N-P-K (% composition)	Application rate (lbs/acre)	Application method (In furrow, broadcast, sidedress)	If in furrow, what is the injection depth in inches?

Manure applications

Application date	Solid or liquid	N-P-K (% composition) leave blank if unknown	Application rate gallons/acre for liquid, tons/acre for solid	Application method In furrow, broadcast, sidedress, dragline	% of field covered

Did you daily spread on this crop? ☐ Yes ☐ No