

Fall 2023 News

Soil Tests 50% off in September:

We know September is a busy month on the farm and soil testing for next season might be far from your mind, but we'd like to help make it worth your while! Throughout the month of September, enjoy a 50% discount on all soil tests submitted to Waypoint Analytical in Leola, PA with a Fertrell Submission Form. Submit one test or ten, the amount doesn't matter!

Why use our soil tests instead of the free ones from university labs? Our tests include base saturation, pH, organic matter, and trace minerals. This gives our agronomy team all the information they need to give you the best recommendations for your fields. And remember, our recommendations and consultations are free - you just cover the cost of testing!

Ask us for soil bags and for tips and instructions on taking a soil test. Also we may be able to provide you with a soil test probe.

Your samples must be delivered to Martins Farm Supply by Tuesday, September 26th to qualify for 50% off.

We can take the samples for you if we are in your area and have time. If we take the samples, it's an additional \$10 (per stop, not per sample). Let us know if you have any questions or complaints.

Vermont Compost Potting Soil Sale:

See page 6

McEnroe Potting Soil Closeout sale:

20% off on Premium Light McEnroe potting soil while supply lasts. Due to less than top quality, we will be discontinuing McEnroe potting soil. McEnroe Composted Manure is available while supply lasts.

Fertrell Fertilizer Sale:

Ask for details...

October Forage Test Sale 50% off:

Samples must be at Martin's Farm Supply by October 25th to qualify for 50% off. We can also take the samples for you if we are in your area and have time. If we take the

samples, it's an additional \$10 (per stop, not per sample).

Albert Lea / Blue River Seeds:

Early order and pay schedule,

10% until September 20th

7% until November 20th

5% until December 20th 2024

Expect to get your prepaid seeds before planting time Spring 2024.

Ask for details and pricing.

Nolt's Spreading Sale: Screened Raw Dry Chicken Manure in bags, **6% off until November 15th**. This chicken manure flows very well for a non-pelleted chicken manure. Order and pay now for your needs next spring and know that you have it ready to go!

Alfalfa Meal Sale: 10% off on over stock musty alfalfa meal that we are selling for fertilizer. It is excellent for its microbial and nitrogen fertilizer value. It is also good for feeding things like pill bugs to distract them from eating other plants. Sale on until end of December or while supply lasts. Additional discount on 20 bags or more.

Pricing: Due to the very unstable prices of many products, some of my vendors have switched to not guaranteeing pricing until the product is shipped, sometimes even on prepaid items. Prices can change at any time. Therefore I need to pass the same rule on. I know this can make things hard to plan.

'Free Delivery' see page 7

I hope and pray that things go well for you and your farm.

Thanks for your business and support.

Melvin

Martins Farm Supply

860 CO RTE 47, Potsdam, NY 13676

Phone: 315-265-4180

farmsupply@martins4u.com www.martins4u.com

Martins Farm Supply

Organic Feed Mill

Certified Organic, Local, Quality

We are a small certified organic feed mill supplying feeds for homeowners and small farms. We source our grains locally whenever possible. When we can't source locally, then we buy from Lakeview Organic Grain in the Finger Lakes NY and other places as needed. We use Fertrell as our main mineral supplier.

We stock standard feed mixes like Layer and Broiler feed. We can custom make most any feed mix you wish for. All our feed is whole or mash. We don't make pellets or crumbles. We mainly use Fertrell for our ration support, however you can provide us with your ration as you please.

Our goal is to be able to provide you with a high quality product, for a good price, with good service. There is a large price break for orders over 500-600#. There is another price break at 1000#. So try to place larger orders, but remember, feed gets stale once it's ground. So don't order too much.

If you are needing more than about 2 tons of feed at a time, consider buying from a bulk truck delivery company like Lakeview Organic Grain. We put all our feed into bags and totes.

It is common that we will have some extra feed left over when we make a custom feed mix. We commonly give you the extra at the price of corn. Let us know if you don't want that extra.

It is common for a little bit of grain or feed to be in an auger, or for whatever reason, for some grain to get mixed in with another grain. For example, there may be a few kernels of corn in with the soy. Or it may be mixed right out of the field. For example, there may be some peas in with the oats. So don't expect 100% purity on feed grade grain.

We can refill your used bags, however your bags must go back to you. Please don't return torn bags or bags with dirt falling off of them, or bags that previously had un-organic product in them. Be sure your name is on your bags so we know who they go to. We only use used bags for custom orders. If we use your bags, we strive to remember to also give you a bag credit discount. Save the environment and your money by reusing.

Are you a certified organic grower with corn, soy, oats, wheat, barley, alfalfa, clover hay, etc for sale? Let me know. I may be able to buy from you. There are quality standards that need to be met — ask for details.

Proper feed storage and handling (for customers)

Feed storage and handling is very important for the longest life and best quality. Water, rodents, and heat are the main enemies.

If feed gets at all wet or even damp it will mold quickly. It is very important during transport and storage that feed is protected from the elements. Even a dusting of snow on feed bags that later

warms up and melts can cause trouble. If there is any chance of rain do not transport in the open, like in the back of a pickup or on top of your car. Be sure to put your feed in its proper storage place as soon as possible - do not let it outside or a quick rain shower will ruin your feed. Do not think the feed bags will protect from moisture. Feed bags are not water proof. Water from a leaky roof will cause your feed to have a bad day. Be sure the roof on your feed storage area is tight and there is adequate sides to prevent wind blown rain and snow from ruining your feed. Don't store your feed on concrete, as concrete can sweat and attract moisture.

Rats, mice, chipmunks, and other rodents love your feed as much as your livestock does. They can go through amazingly small holes and are really good climbers. They will chew holes in bags and make a mess in a hurry. If possible it is best to store feed in metal barrels, metal feed bins, or a rodent proof granary. Cats, traps, and other rodent control is also a good idea. If metal storage is not an option, getting it up off the floor so the cats can walk under it will reduce the chances of that mouse taking the daring trip to steal your feed.

In most cases it is not economical to store feed in a climate controlled environment, however the storage life of feed is greatly affected by temperature. Ground grains and vitamins in feed stay fresh much longer in cool dry weather than in hot humid summer weather. Keep that in mind when purchasing feed. In the summer buy your feed in smaller amounts and more often. In the winter you can buy larger amounts and less often and take advantage of large quantity discounts if you have the room to store it. Whole grains and minerals are less affected by temperature and have a much longer shelf life.

Don't give your animals less than the best. Start with quality feed and store it right.

Proper Grain storage and handling (for growers)

Grain storage and handling is very important for a top quality product. Moisture, heat, insects, mold, rodents, and foreign debris can cause a lot of problems real quick. Growing quality grain is only part of the battle. Maintaining that quality till feed mill time is just as important.

Both mold and insects thrive on moisture and warmth. You can use the Grain Storage Life Wheel on the next page to estimate the storage days at a given moisture content and temperature. Draw a line from temperature to the moisture side and read the days where it crosses. Drying your crop as quickly as possible after harvest is of extreme importance. If heat is used, continue blowing cool air after it

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Wish for extra nice grain?

Ask about our double cleaned
wheat, rye, and peas.

Martins Farm Supply

860 CO RTE 47

Potsdam, NY 13676

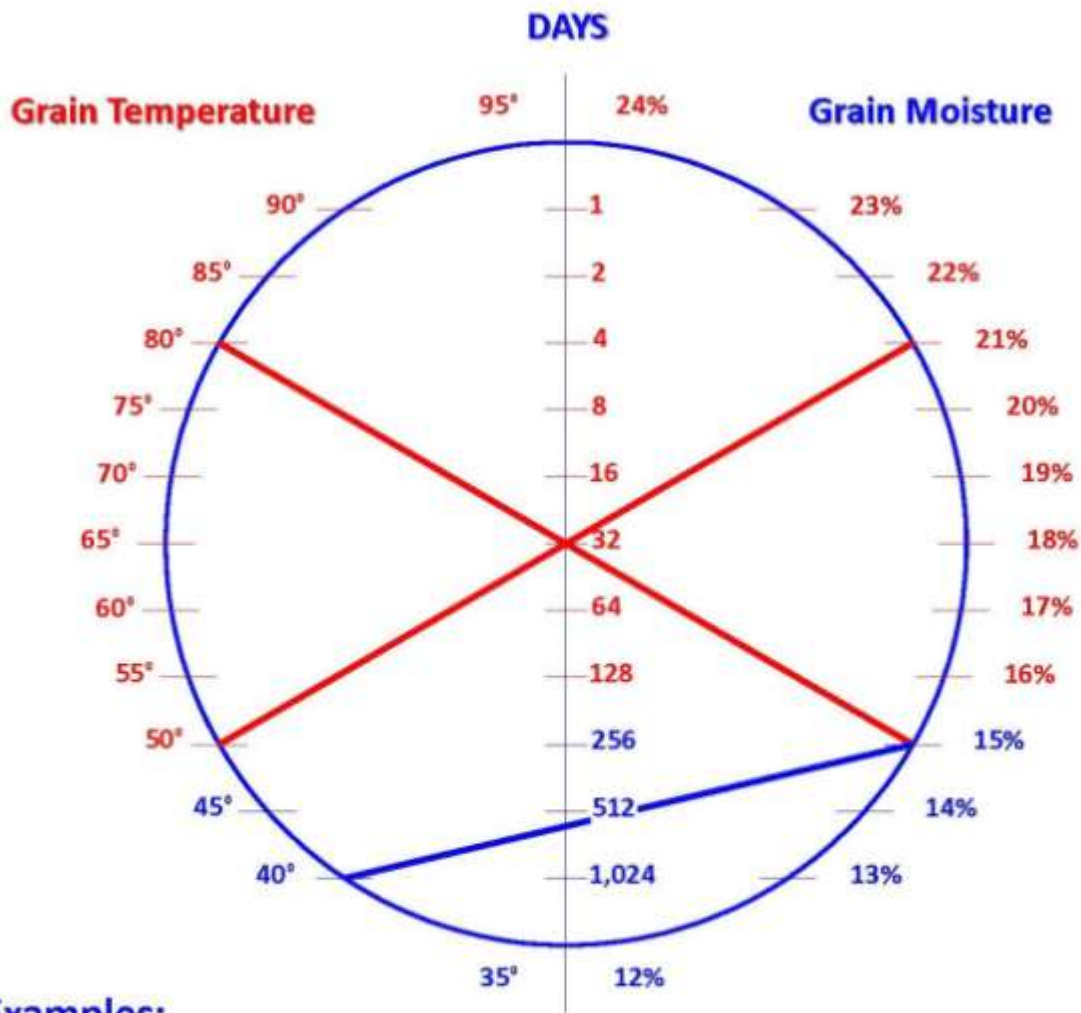
Phone: 315-265-4180

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Grain Storage Life Wheel

Fahrenheit



Examples:

15% moisture corn @ 40° F has over 512 days of safe storage life.

15% moisture corn @ 80° F has about 32 days of safe storage life.

21% moisture corn @ 50° F has about 32 days of safe storage life.

* Based on 1/2% dry matter decomposition.

Safe storage periods shown above 75° F and 25% moisture content are extremely unstable.

Grain can and will go out of condition rapidly in an unstable state.

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is dry to cool it back off. Cleaning weed seeds and chaff out is helpful to reduce mold problems. Another source of mold and insect trouble is old grain residues in harvesting equipment, augers, and grain bins. Equipment and grain bins should be thoroughly cleaned and purged. Grain bins should be inspected for holes or leaks and repaired. Keeping weeds down and cleaning up spilled grain around bins is a big help for controlling both rodents and insect trouble. Bins should not be filled all the way full and the space at the top should be ventilated to prevent condensation build up.

Grain in storage should be inspected regularly, especially during the summer and early fall months, when grain temperatures are optimal for rapid insect and mold development.

Besides chaff, weed seed, stones etc, another devastating con-

taminant is things like trash and tools. Things like earplugs and screwdrivers don't belong in grain. Be sure to pickup after doing repairs etc. A wrench in the grain can make for a bad day at the mill.

If you are one of our grain producers, we ask for your help in producing top quality organic feed by doing your part. In the end you will get a better price, everyone's bottom line will benefit, and the cows will be happy. God bless you all.

More in depth articles on grain storage and many other topics can be found at <https://lakevieworganicgrain.com/info-resources/>.

General Dairy Herd Feeding Suggestions

Sometimes it's too much cost and hassle to do forage tests and custom feed/mineral recommendations and management on a small farm. The forages change from week to week and the custom rations aren't right anyway. So for those of you who want to keep it simple, here are some pointers. Keep in mind that the goal is that your animals are happy, healthy, and productive. If they aren't, then seek to know why. If they are, keep up the good work.

Grass Only Feeding Suggestions

Based on a standard dairy herd milking about 40#/cow/day, on high quality pasture and hay, and **NO** grain.

Mix these things together and feed at least this much per cow per day. Not all things are needed on all farms at all times.

4 lbs of molasses *

4 oz Dairy #3 or 2-1 GE, (A mineral/vitamin/probiotic premix).

3 oz Redmond Salt

1 oz Magnesium Sulfate (feed grade)**

1 oz Kelp Meal***

½ oz RC Gold 4X (Vitamin/probiotic premix) ***

4 oz Redmond Conditioner or Dynamin (for toxins if necessary)****

2-4 oz Winter Mune per 1,000# body weight*****

Feed at milking time preferably with some hay. These feeding rates need to increase as the milk production increases. Offer free-choice minerals besides this. These numbers and ingredients may need to be adjusted to match your farm.

*Molasses -- It's best if molasses is mixed with water and soaked into the hay. If you are using molasses as a means of feeding the minerals, it may not work to thin it too much.

**Magnesium Sulfate -- Sore feet and other problems may be coming from too rich pasture grass, especially following a rain. The nitrates in the grass will be higher. The nitrates off gas in the rumen going into the blood stream. This raises the B.U.N. blood urea nitrogen in the blood stream. This increase will reduce the blood stream's oxygen carrying capacity, leading to reduced immune system and inability to remove CO₂, leading to laminitis, summer pneumonia, and all kinds of problems. The Magnesium Sulfate should help with this problem.

*** Kelp and RC Gold are general health boosters that help with many problems. The more health problems a cow has, the more I recommend feeding it.

****Feed Redmond Conditioner or Dynamin at 4 oz / head / day if you have a problem with toxins. Drop to 2 oz/head/day for maintenance. Avoid feeding the high amount continuously.

***** Winter mune is intended to be fed any time you are feeding poor quality forage – poor pasture or stored forage that is lacking in vitamins.

Be thoughtful that you aren't force feeding two different minerals that are both high in the same mineral, and thereby over feed it.

Another way to feed minerals to cattle besides mixing them with molasses is KNS. KNS is a mixture of Kelp, Salt, and Native Lick. They are commonly mixed at 1/3 mineral, 1/3 salt, and 1/3 kelp. Some people use KNS, or some combination similar to this, as their mineral program. If force feeding KNS, 4 OZ/day is a good figure, however KNS is normally fed free choice. You can offer free-choice minerals besides this, preferably a few different blends like the 2-1 GE and the 1-2 GE, the 1-1 GE, the 1.5-1 GE, Dynamin, Native Lick, Flies-B-Gone, Parasite Control Premix, or whatever you feel would be beneficial to your animals.

If you have forage, soil, and grain quality tests, we can make recommendations that are specific to your farm.

Make sure your animals have fresh water, clean bedding, shelter, and a good environment so they can be productive and happy.

Let me know if you have any questions. I may be able to find an answer.

Grass and Grain Feeding Suggestions

These pointers are based on a standard dairy herd milking about 40#/cow/day, on pasture, hay, balage, silage and/or grain.

Mix these things together with the grain and feed this much per cow per day. Feed at milking time preferably with some hay. These feeding rates need to increase as the milk production increases.

A suggested feeding rate for grain is 4# for every 10# of milk produced. Many farms feed way less grain than this.

These numbers and ingredients may need to be adjusted to match your farm.

4 oz Dairy #3 or 2-1 GE, (A mineral/vitamin/probiotic premix).

2 ½ oz Redmond Salt

Under certain conditions, these are also recommended.

1 oz Kelp Meal (Sea Weed)**

½ oz RC Gold 4X (Vitamin/probiotic premix)**

4 oz Redmond Conditioner (buffer/toxin binder)***

2 ¾ oz Aragonite (calcium/coral)****

1 oz Magnesium Sulfate (feed grade)*****

**Both Kelp and RC Gold are general health boosters that help with many problems. The more health problems a cow has, the more I recommend feeding it. RC Gold is good to give to specific animals that need more support.

***Feed Redmond Conditioner or Dynamin at 4 oz / head / day if you have a problem with toxins. Drop to 2 oz/head/day for maintenance.

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Wanted: Old water troughs to use for flower beds. Can have holes in. If you have any contact : Timothy and Barbara Martin (315) 274-9197 331 County Route 47, Potsdam NY 13676

Martins Farm Supply
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farmsupply@martins4u.com www.martins4u.com

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nance. Avoid feeding the high amount continuously, especially if you don't have toxins in your forage.

**** More calcium may be needed if corn silage and regular grass pasture are the primary feed inputs.

*****Sore feet and other problems may be coming from too rich pasture grass, especially following a rain. The nitrates in the grass will be higher. The nitrates off gas in the rumen going into the blood stream. This raises the B.U.N. blood urea nitrogen in the blood stream. This increase will reduce the blood stream's oxygen carrying capacity, leading to reduced immune system and inability to remove CO2, leading to laminitis, summer pneumonia, and all kinds of problems. The Magnesium Sulfate should help with this problem.

Consider offering free-choice minerals besides this, preferably a few different ones like the Dairy #3, Redmond Conditioner, Salt, Kelp, Aragonite, or whatever you feel would be beneficial to your animals.

If you have forage, soil, and grain quality tests, we can make recommendations that are specific to your farm.

Make sure your animals have fresh water, clean bedding, shelter, and a good environment so they can be productive and happy.

Let me know if you have any questions. I may be able to find an answer.

Does it pay to preserve food?

People have traditionally preserved food for winter and times of famine. But think of all the work that goes into it. You need to till the land, fertilize, plant, weed, protect, and harvest the crop. Then you need to preserve the food by drying, canning, freezing, or some method so it doesn't spoil. Think of all that work and expense and infrastructure necessary to make all those things happen. You are likely not going to get that all finished between 9-5 M-F. It will more likely take you from 5 AM to 10 PM to get it all finished. And all along the way, there are dangers that can spoil the whole thing. Perhaps your canning jar will break when you are setting it on the shelf in the cellar. Or maybe your freezer will quit and all your food will spoil. I'm about tired thinking of it all.

I have a much easier plan – get a 9-5 job in town. Take the \$\$\$ you make and go to the grocery store and buy the food you need, when you want, what you want, and how you want it. It's way easier and cheaper.

Is this really how we should be thinking??? It's beside the point how hard and risky it is, or how easy and cheap it is. There are some values to preserving your food, for your health, your family life, your future, your security, the well being of your neighbor from afar, and I could go on and on. It's beside the point if I'm getting \$0.10/hour or \$100/hour, I plan to continue to snip those apples up that need canning tonight.

Everlast Roofing

- COLORBOND - A superior paint system that protects against weather & UV penetration, providing long-lasting fade resistance.
- AZM with Activate Technology - A new industry benchmark for corrosion control with added magnesium.
- ◆CECI (Cut Edge-Corrosion Inhibitor) - A clear corrosion inhibitor, which decreases the corrosion rate of the factory cut edge.
- Heavier Gauge Tempered Steel Panels - Provide extra strength, prevents buckling and can handle greater snow & wind loads.
- Quality packaging to get your product to your jobsite in good condition.

For any metal roofing needs, your friends at Martins Farm Supply & Roofing will be happy to assist you by providing the best materials at competitive prices.

Orders placed by 5:00pm Wednesday strive to arrive the following Tuesday.

We also sometimes have **Xcode** metal panels that are factory seconds at discounted prices. It's a super deal for sheds and barns.

The goal of Martins Farm Supply isn't that you use only our products, but rather that you farm and garden in a good and responsible way, blessing your land and animals, and everything else.

The same is true with your spiritual life — the goal is that you are filled with righteousness, peace, and joy in the Holy Spirit, that you are blessed, and that those around you are blessed too.

Martins Farm Supply

860 CO RTE 47, Potsdam, NY 13676

Phone: 315-265-4180

farmsupply@martins4u.com www.martins4u.com

Vermont Compost

Organic Potting Soil Sale

\$25 per sling bag off or \$1 per pail off

Must be paid for by November 15th 2023

Must be picked up or take delivery by March 30 2024

Fort Vee – All Purpose Compost Based Potting

Mix: Fort V is what I sell most of. My customers have excellent results with this potting soil. Excellent for seed starting, soil blocks, trays, pots, and containers. Usually, no additional fertility is required. If roots have filled the container and fertility is needed, top-dress with Compost Plus and water in.

Screened Composted Manure: The basis for all Vermont Compost's mixes. Professionally composted. Raw materials are assembled in windrows, monitored for temperature and air supply, and turned as needed. Like all our products, manure compost is tested for maturity and is free of live weed seed. Manure Compost is screened on a 7/8" trommel to ensure a consistent, refined product.

Compost Plus -- Container and Transplant

Booster mix: This amendment does not burn roots and is ideal when applied during transplant, as a midseason top-dress, or to rejuvenate potted plants. Apply as-is and water-in or create a compost tea with warm water before application. As a general rule, mix about 1 cup of Compost Plus into the transplant hole before planting heavy feeders like tomatoes or cannabis. For depleted potting soils, mix

at a 1:4 ratio (1 part compost plus per 4 parts soil). For plants that are exhibiting signs of nutrient deficiency, sprinkle a handful or two over the root zone and water in.

Jolly Roger -- Flowering and Fruiting Container

Mix: Jolly Roger is specifically crafted for container cultivation of plants with high nutrient needs, including cannabis, tomatoes, and hemp. A compost-based mix, Jolly Roger combines the benefits of a living soil with the plant-available nutrients and minerals that a heavy-feeding cultivar requires. Transplant into Jolly Roger once plants are fully established. To extend vegetative time and produce the highest yield per plant, choose a container as large as the plant you hope to grow. Jolly Roger also excels in "sea of green" grows with smaller containers and shorter vegetative periods. Jolly Roger is not intended for seeding or cloning. Consider Fort Vee or Fort Light for these applications.

Perennial Blend, and Fort Light are also available. Call if interested.

For more info on Vermont Compost products visit their website at vermontcompost.com/products.

Fort Vee and Compost Plus are in stock. Pricing and availability is uncertain on all non-stock or out-of-stock product. The sale discount on non-stock or out-of-stock product applies to the price at the time that we purchase the product.

Fort Vee:

(1-15) 5 gal pails (packed and level) = **\$14.06/pail sale price**, (\$15.06/ pail regular price).

(16+) 5 gal pails (packed and level), (32 pails = approx 1 yd) = **\$13.04/pail sale price**, (\$14.04/ pail regular price).

2 yd sling bag = **\$672.11 sale price** (\$672.11 divided by 64 = \$10.50 per pail equivalent) (\$697.11 regular price).

4 or more 2 yd sling bags = **\$646.48 sale price**, (\$646.48 divided by 64 = \$10.10 per pail equivalent)

A 5 gal pail packed and level = 25 Qt standard potting soil measure.

Compost Plus: 2 yd sling bag = **\$758.50 sale price**, (\$783.50 regular price)

Vermont Compost – The Best Potting Soil!

Martins Farm Supply

860 CO RTE 47, Potsdam, NY 13676

Phone: 315-265-4180 Fax: 315-262-8066

farmsupply@martins4u.com

Delivery Info.

Monday is for taking orders and paperwork.

Tuesday and Wednesday are for grinding and mixing feed.

Wednesday and Thursday (and Friday) are for doing deliveries.

Try to have your order placed by Monday if possible. We will still try to fulfill your order even if you are late.

If you want the same thing repeatedly on a schedule, let us know and we'll try to bring it unless you make changes.

Burke: \$10 delivery fee if your order is under \$400. Free if over \$400. Delivery every four weeks.

Bombay/Bangor: \$10 delivery fee if your order is under \$400. Free if over \$400. Delivery every two weeks.

Russell/Canton: \$10 delivery fee if your order is under \$400. Free if over \$400. Delivery every two weeks.

Heuvelton/Canton: \$10 delivery fee if your order is under \$400. Free if over \$400. Delivery every four weeks.

Gouverneur/Canton: \$10 delivery fee if your order is under \$400. Free if over \$400. Delivery every four weeks.

South of St Lawrence Co, (Philadelphia, Lafargeville): \$35 delivery fee if your order is under \$400. \$25 if over \$400. Delivery every four weeks. Orders (south of St Law Co.) with the 'Ton Trigger' discount applied need to have delivery calculated manually. Figure between \$25 and \$100 delivery fee. The factors to consider are what truck (and trailer) needs to haul it. How full is that truck (and trailer)?

We normally deliver on Wednesday and Thursday. However, depending on our schedule, or holidays, your order could be delivered sooner or later. Being we have two deliveries per week, it will be common for the Russell/Canton and the Bombay deliveries to be on Thursday.

Ask for a copy of our calendar with our delivery dates on it.

Certified Organic Feed Local and Quality

**We stock the standard feed mixes you are likely to need. Or we can make a custom mix to fit your specific needs.
Please stop in or ask for more details.**

**Martins Farm Supply
860 CO RTE 47
Potsdam, NY 13676
Phone: 315-265-4180
Fax: 315-262-8066
farmsupply@martins4u.com**

**Monday—Friday 9-5
Saturday 9-12**

Organic Grass Hay for Sale

**Small Square Bales
No rain. Cut on time.
Good quality.
Ask for prices and
details.**

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860 County Route 47
Potsdam NY 13676
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Fall 2023 News

Organic Feed Mill

Fall Sales

**Albert Lea / Blue River Seed, Potting Soil,
50% Off Soil tests,
And more...**

See inside for more details...