

2019 NOFA-VT Bulk Order Fundraiser

Soil Amendments, Pest Controls, Cover Crop Seed & Growing Supplies

Dear Organic Growers and Gardeners,

The 2019 NOFA Vermont Bulk Order is upon us! Thank you for another successful Bulk Order in 2018. The goal of the bulk order is to provide you with high quality farm and garden products at reduced prices, while raising funds to support NOFA Vermont's Farm to Community Mentor Program. This program builds partnerships between farms and communities, promoting the critical role of farmers as producers and educators.

This brochure includes descriptions of all the available products and an Order Form. Our suppliers for 2019 include:

- Black Dirt Farm (BDF)
- Bunzl (BZ)
- Butterworks Farm (BW)
- Fedco/Organic Growers Supply (F)
- Fertrell (FER)
- Green Mountain Compost (GMC)
- Lakeview Organic Grain (LV)
- McEnroe Organic Farm (McE)
- North Country Organics (NCO)
- Vermont Compost Company (VCC)

This year North Country Organics is offering the Pro-Booster 10-0-0 fertilizer that contains sodium nitrate (Chilean nitrate). The National Organic Program has not made any changes to the allowance of sodium nitrate. It is our understanding that they are analyzing the financial impact of prohibiting sodium nitrate, offering no timeframe for publishing a rule on this topic. Producers who use sodium nitrate must ensure that its use

complies with the organic standards for soil fertility and crop nutrient management.

NOFA Vermont is required by law to charge sales tax.

- You must pay the 6% tax price listed unless the item is non-taxable or you are an eligible farmer and include completed S-3A forms with your order.
- Farmers **must include a completed S-3A form** with their order for **each** eligible product to pay the tax exempt price. The S-3A form can be found at www.nofavt.org/bulkorder.
- Products that are eligible for tax exemption (with S-3A form) will have a price listed in the Exempt Price column.
- Some items offered are non-taxable, and in these cases, no tax price is listed (an X appears in the 6% Tax Price column).
- Some items offered are taxable for all growers, and in these cases, no exempt price is listed (will have an X in the Exempt Price column).
- Compost and potting soil purchases are taxable for **all growers**.

NOFA-VT welcomes comments and suggestions for how to improve the Bulk Order, including products that you would like to see included. We want the program to continue to be valuable for you and your growing needs!

Thanks!

Phoebe Judge, Bulk Order Coordinator

POSTMARK DEADLINE: FEBRUARY 13TH · PICKUP DATE: MARCH 9TH, 9AM-3PM

Orders received after this date cannot be included. Please mail orders in as early as possible.

The pick-up day is Saturday, March 9 from 9am to 3pm. You must pick up your order on March 9 by 3pm.

There will be a \$20 late fee for each day you are late picking up your order.

The products you order will be delivered to the depot you choose on your Order Form. This year's depots are:
CRAFTSBURY (Pete's Greens) · **RICHMOND** (VYCC Quonset Barn) · **SHOREHAM** (Champlain Orchards)
STRAFFORD (NEW LOCATION! Strafford Village Farm) · **WESTMINSTER** (Harlow Farm)



For more information about select products, please visit our suppliers' websites:

- Black Dirt Farm (BDF): www.blackdirtfarm.com
- Butterworks Farm (BW): www.butterworksfarm.com
- Fedco/Organic Growers Supply (F): www.fedcoseeds.com
- Fertrell (FER): www.fertrell.com
- Lakeview Organic Grain (LV): www.lakevieworganicgrain.com
- McEnroe Organic Farm (McE): www.mcenroeorganicfarm.com
- North Country Organics (NCO): www.norganics.com
- Vermont Compost Company (VCC): www.vermontcompost.com

	PRODUCT DESCRIPTIONS	SUPPLIER	SIZE	EXEMPT PRICE	6% TAX PRICE
FERTILIZERS & AMENDMENTS					
1	Alfalfa Meal – Alternative to blood meal as a nitrogen source. 2 - 3#/100 sq. ft. or 800#/ac.	F NCO	5# 50#	\$7.00 28.50	\$7.42 \$30.21
2	Azomite (granular) – Slow release. Contains dozens of minerals and trace elements beneficial to plants and animals. Hydrated sodium calcium aluminosilicate derived from volcanic mineral deposits. 1 - 2#/100 sq. ft. or 450#/ac.	F NCO	4# 44#	\$6.50 \$28.00	\$6.89 \$29.68
3	Azomite (micronized) – Same as granular azomite except it is a fine powder.	NCO	44#	\$26.00	\$27.56
4	Black Earth Humates, Activ80 – Humalite from Alberta, Canada, a naturally-occurring highly oxidized organic material. This has the lowest ash content (11%) and highest humic acid content (83%) of all humates available in North America. 100#/ac.	NCO	55#	\$27.50	\$29.15
5	Blood Meal – Readily available nitrogen source, ideal for heavy feeding crops. 7 - 20#/100 sq. ft. depending on nitrogen needs.	F FER	5# 50#	\$18.00 \$73.00	\$19.08 \$77.38
6	Bone Char 0-16-0 – alclined (burned) bone meal containing more than 16% available phosphate.	FER	50#	\$23.00	\$24.38
7	Buckwheat Hulls – Mulch for perennials. Helps retain soil moisture, allows the soil to breath, is an effective weed barrier, and looks attractive in landscaping. Breaks down slowly over time and adds to the organic matter of the soil.	F	2 cu. ft.	\$9.50	\$10.07
8	Cheep Cheep 4-3-3 – Dehydrated poultry litter. 25 - 35#/1000 sq. ft. for vegetable crops and annual, 15 - 20#/1000 sq. ft. for perennials, legumes, and herbs.	NCO	50# 2000#	\$20.00 \$807.50	\$21.20 \$855.95
9	Custom 5-5-5 (w/o Chilean nitrate) – NOFA's custom blend from North Country Organics for those who desire an even-analysis fertilizer.	NCO	50# 2000#	\$26.50 \$1052.00	\$28.09 \$1115.12
10	Custom 6-0-6 (no phosphate or Chilean nitrate) – NOFA's custom blend from North Country Organics for those who do not wish to increase phosphorous levels in their soils	NCO	50#	\$29.50	\$31.27
11	Fish Hydrolysate with Kelp 2-3-1 – 9:1 ratio of fish and kelp that provides the NPK of fish emulsion and the micronutrients and growth hormones of kelp. Can be used as a foliar feed, in drip irrigation, and for better seed germination & growth. Improves plant vigor and stress resistance. 2 - 3 tbsp/gal. water for foliar spray, 4 tbsp/gal. for soil drench.	NCO	1 gal. 5 gal.	\$24.00 \$95.00	\$25.44 \$100.70
12	Greensand 0-1-7 – Naturally occurring iron-potassium silicate (also called glauconite) has the consistency of sand but is able to absorb 10 times more moisture, making it an exceptional soil conditioner. Contains potassium, iron, magnesium, calcium, phosphorous, and other trace minerals. 25#/1000 sq. ft.	NCO	50#	\$31.00	\$32.86
13	Gypsum (pelletized) – Calcium sulfate: 23% calcium and 19% sulfur. Provides calcium to soils without impacting pH. Prilled for easy spreading.	NCO	50#	\$20.00	\$21.20
14	K-Mag 0-0-22 (Sul-Po-Mag) – Contains 11% magnesium, 17% sulfur. A good source of potassium and magnesium for depleted soil where calcium is abundant. 0.5 - 1#/100 sq. ft. or 200 - 500#/ac.	F	5# 50#	\$7.50 \$42.50	\$7.95 \$45.05
15	Kelp Meal – Dried and ground seaweed, contains trace minerals, enzymes, and amino acids. An excellent source of naturally chelated elements. Brassicas respond well to it. 300 - 600#/ac. or 1#/100 sq. ft. Not recommended for animal feed!	F	5# 50#	\$13.50 \$80.00	\$14.31 \$84.80
16	Kelp (liquid) – Use when starting seeds to improve seed germination and increase root growth. As a foliar feed, it will increase mineral uptake in leaves and improve photosynthesis. 2 tbsp/gal. water or 1.5 qt./50 gal. water/ac.	F	1 gal. 5 gal.	\$25.00 \$93.00	\$26.50 \$98.58
17	Limestone, Pro-Pelleted – Raises soil pH, loosens clays, promotes stem and root growth. Helps prevent blossom-end rot.	F	50#	\$12.00	\$12.72
18	Menefee Humates – 65% humic acid in a carbon matrix to chelate minerals and nutrients for greater availability. Use 6 - 10#/1000 sq. ft. or 250 - 400#/ac. in several applications and incorporate into the soil.	F	50#	\$33.00	\$34.98
19	Neem Oil – Promotes the health and vitality of trees and plants. Neem has long been recognized for its antifungal, antibacterial, and anitparasitic properties. Mix 1 oz. neem oil with approximately 1 gal. of lukewarm water and ½-2 tsp. liquid soap. Spray for full leaf coverage every 7-10 days for 4-5 weeks. Avoid spraying when bees are pollinating as neem is harmful to larvae and developing grubs.	F	1 qt. 1 gal.	\$37.50 \$128.00	\$39.75 \$135.68
20	Peanut Meal – Oil is extracted from non-GMO peanuts and the leftover meal is then pelletized and crumbled into a flowable dust-free consistency. Vegetable protein meal that contains 8% total nitrogen.	FER	50#	\$34.00	\$36.04
21	Phosphate Rock – A natural, untreated soft phosphate with colloidal clay containing valuable minerals in addition to phosphorus. It is not acid forming, will not cake or harden, and spreads easily through any type of lime, phosphate, or fertilizer spreader. When applied to the soil it adheres to and becomes a part of the soil. Once applied, remains in the soil until used by the plants. Contains no harmful acids and encourages growth of soil bacteria and earthworms. 300-500#/ac.	NCO	50#	\$20.00	\$21.20
22	Phosphate, Calphos Colloidal – Soft-rock phosphate is an excellent choice for calcium-deficient soils as plants will take up the calcium first, freeing the phosphorus to be taken up in turn.	F	50#	\$21.50	\$22.79

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23	Pro Booster 10-0-0 (with Chilean nitrate) – A combination of vegetable protein meals (such as alfalfa meal, cocoa meal, cotton seed meal, kelp meal, peanut meal, and soybean meal), animal protein meals (such as blood meal, crab meal, dried whey, feather meal, and fish meal), and Chilean nitrate that contains 10% total nitrogen. A fast acting fertilizer with 1/3 of its N immediately available (water-soluble). Can be side or top dressed wherever extra nitrogen is needed.	NCO	50#	\$34.00	\$36.04
24	Pro Gro 5-3-4 (w/o Chilean nitrate) – A premium general-purpose fertilizer with a high-nutrient blend of natural ingredients to which plants, trees, and vegetables respond with rapid and sustained growth.	NCO	50# 2000#	\$23.00 \$914.00	\$24.38 \$968.84
25	Pro Holly 4-6-4 (w/o Chilean nitrate) – A fertilizer specifically for Ericaceous and other acid-loving plants, including azaleas, blueberries, rhododendrons, and hydrangeas. Formulated from elemental sulfur, animal protein meals, vegetable protein meals, natural sulfate of potash, natural nitrate of soda, and bone char.	NCO	50#	\$24.00	\$25.44
26	Pro Start 2-3-3 (w/out Chilean nitrate) – A natural, non-burning, eco-compatible starter fertilizer for any variety of seed or transplant. Is an excellent choice for root crops, legume vegetables, perennials, flowering shrubs, mature fruit trees, legume hay (as a summer top-dress), and as a starter fertilizer for any kind of seed or transplant.	NCO	50#	\$17.00	\$18.02
27	Soybean Meal – Considered the most effective and economical nitrogen fertilizer for Northeastern soils. High levels of nitrogen and potassium are released as the soybean meal breaks down, providing fertility over time. Add when first planting or transplanting. Certified non-GMO.	F	5# 50#	\$7.50 \$55.00	\$7.95 \$58.30
28	Stress-X – A soluble extract from <i>Ascopylum nodosum</i> seaweed. Provides plants with trace elements and natural growth hormones that greatly improve health, growth, and resistance to stress related problems. 8 - 12 oz./ac. for vegetable production.	NCO	1.5 kg	\$46.00	\$48.76
29	Sulfate of Potash 0-0-51 – Natural potash mineral that contains 51% soluble potash and 18% sulfur. It also contains trace amounts of calcium and magnesium. 1#/100 sq. ft. or 200 - 500#/ac.	NCO	50#	\$48.00	\$50.88
30	Sulfur (granular) – Lowers soil pH for acid-loving plants. Easily applied through any type of spreader. 20#/1000 sq. ft.	NCO	50#	\$27.50	\$29.15
31	Super 3-2-3 – Suited for most plant food applications. It is particularly well formulated for gardens and very effective for spring plantings. Recommended in row for sowing seeds, as well as a side dress on growing plants.	FER	50#	\$27.00	\$28.62
32	Zeolites – Aluminosilicate lattices (from volcanic ash) that improve the productivity of soil structure by retaining water and minerals and improving aeration and minimizing compaction. Added to compost, it retains ammonium ions and ammonia gases, keeping nitrogen from escaping into the air. Water after application.	F	5# 25#	\$6.50 \$22.50	\$6.89 \$23.85

POTTING SOILS

33	Fort Light Potting Mix – A complete germination and growing mix; particularly desirable for growers using smaller celled plastic flats or when lightweight is preferred. Usually no additional fertility needed until roots fill the soil mix.	VCC	20 qt. 60 qt.	X X	\$14.31 \$37.10
34	Fort Vee Potting Mix – Complete compost based germinating and growing-on mix designed for soil blocks. Excellent for trays, pots, and containers. When roots have filled container, top dress with compost and water in.	VCC	20 qt. 60 qt.	X X	\$14.31 \$37.10
35	Perennial/Container Compost – Ideal where coarse texture is preferred. Particularly suited for large containers, beds, boxes and the mulching of vegetables. No additional fertility required until the roots fill the soil.	VCC	20 qt.	X	\$11.13
36	Premium Lite Growing Mix – Lightweight characteristics of conventional soilless mixes w/o synthetic fertilizers or wetting agent.	McE	1/20 cu. yd.	X	\$12.72
37	Premium Potting Soil – Excellent for making soil blocks, potting seedlings and transplanting, and amending garden beds.	McE	1/20 cu. yd.	X	\$11.66

COMPOST PRODUCTS

38	Compost Plus – Can be added to rejuvenate tired soil mix in containers or garden beds. Provides a blend of minerals and organic matter. Improves texture and feeds the soil to nourish plants.	VCC	20 qt. 60 qt.	X X	\$14.31 \$38.69
39	Garden Compost – Professional grade garden compost, all-purpose garden installation and maintenance.	BDF	20 qt. 1/2 pallet Pallet	X X X	\$6.36 \$106.00 \$254.40
40	Manure Compost – A fully mature composted blend of bovine, equine and avian manures, bark, late cut hay, spoiled silage, food residuals and mature compost. Tested for maturity. Free of live weed seed.	VCC	20 qt.	X	\$7.95
41	Worm Castings: Inoculated Mulch – For moisture management, fungal inoculation, and nutrient delivery in potted plants and perennials. Roughly 50:50 worm castings to composted wood materials.	BDF	20 qt. 1/2 pallet Pallet	X X X	\$16.96 \$339.20 \$678.40

	PRODUCT DESCRIPTIONS	SUPPLIER	SIZE	EXEMPT PRICE	6% TAX PRICE
42	Worm Castings: Soil Grade – For targeted use in potting mixes, transplanting, and side dressing.	BDF	20 qt. 1/2 pallet Pallet	X X X	\$27.56 \$583.00 \$1166.00
43	Worm Castings: Tea Grade – Optimized for compost tea production, dried and screened to 1/8 to maximize microbial sheering during brewing.	BDF	20 qt. 1/2 pallet Pallet	X X X	\$37.10 \$689.00 \$1378.00
PEST & WEED CONTROLS: CHEMICAL & PHYSICAL					
44	Bird-scaring Flash-tape – Silver and red metallized plastic tape to protect crops against bird damage. Wind causes tape to flash and flicker, resembling fire. Effective against flocking birds and crows.	F	290'	X	\$9.54
45	Black Plastic Mulch (embossed) – Good all-purpose plastic mulch for cool-weather areas. Excellent weed suppression. Increases soil temperatures by several degrees. Put down a few weeks before planting to allow the soil to soak up some heat. Embossed texture increases strength and minimizes tearing.	F	4' x 50' 4' x 250' 4' x 4000'	X X X	\$6.89 \$22.26 \$242.74
46	Black Plastic Mulch (IRT 100) – A smooth, 1.0 mil black plastic mulch that suppresses weeds and allows infrared light through to heat the soil. Adds days to the growing season.	F	4' x 50' 4' x 250' 4' x 4000'	X X X	\$6.89 \$22.26 \$242.74
47	Diatomaceous Earth – Fossilized remains of tiny aquatic organisms. A dust with microscopic razor sharp edges used as a barrier to control a wide variety of insects. Avoid foliage contact.	F	4# 50#	\$16.50 \$39.50	\$17.49 \$41.87
48	Dipel DF – Wettable powder. Better known as Bt. Effective on cabbageworm, cabbage looper, larvae of codling, diamondback and gypsy moths, spruce budworm, and tomato hornworm. Use with ThermX 70 for adhesion.	F	1#	\$30.50	\$32.33
49	Earth Staples – Anchor row cover or landscape fabric to the ground.	F	100 ct.	X	\$16.43
50	Garlic Barrier (99.3% Garlic juice) – Mix with water and spray to repel insects. Odor does not last and will not impact the taste of vegetables.	F	1 qt.	\$13.50	\$14.31
51	Milky Spore – Bacillus popilliae works on Japanese beetle grubs not adults, so results seen over long-term. Grubs die within 7-21 days and release billions of new spores. 1 tsp. of powder every 4' in 4' rows.	F	10 oz.	\$53.00	\$56.18
52	Nu Film P Spreader-Sticker – Spreader-sticker that increases life and effectiveness of pesticide applications. 4 - 6 oz./100 gal. water.	F	1 gal.	\$95.00	\$100.70
53	Orchard Netting – Throw over trees or bushes and fasten to protect fruit or berries from birds, deer and possibly raccoons. Strong and durable black polypropylene 3/4 mesh with UV inhibitors.	F	14' x 14' 28' x 28'	X X	\$11.13 \$38.16
54	PyGanic EC 5.0 – Broad-spectrum pyrethrin product (5%) with a rapid kill rate not limited to pests. Breaks down quickly, making toxicity short-lived. Derived from chrysanthemum. May be used up to 12 hours before harvest. Effective for Colorado potato beetle, leafhopper, cucumber beetle, and flea beetle. 4.5 - 18 oz./ac.	F	1 qt.	\$224.00	\$237.44
55	Row Cover, Agribon AG-19 – A white, spun-bonded polypropylene material that protects crops from insects and offers 4°F protection. Weighs 0.55 oz./sq. yd. and transmits 85% of sunlight.	F	83 x 50' 83 x 250' 83 x 2000'	X X X	\$19.08 \$63.07 \$391.67
56	Row Cover Wire Hoops – For building tunnels with slit plastic or other row covers. Shipped as 74 flexible rods of 10 gauge wire.	F	20 100	X X	\$41.34 \$135.68
57	Safer Insecticidal Soap – Biodegradable contact insecticide controls mites, aphids, earwigs, lace bugs, leafhoppers, mealy bugs, scale, spider mites, thrips, tent caterpillars, and whiteflies. Use 2 oz./gal. of water.	F	1 pt.	\$19.00	\$20.14
58	Serenade – A bacterial fungicide Bacillus subtilis, effective on a wide range of bacterial and fungal diseases of vegetable and fruit crops (late blight, powdery mildew, fireblight and scab). Colonizing the leaf surface to prevent the establishment of diseases. Application is ~4 oz./gal.	F	1 qt. 2.5 gal.	\$28.00 \$168.00	\$29.68 \$178.08
59	Sluggo – A blend of iron phosphate and snail and slug bait. Many species of snails and slugs are attracted to the bait, leaving their hiding places and plants to feed. When they ingest even small quantities of iron phosphate, they cease feeding and die a few days later. Apply at 1#/1,000 sq. ft. or 1 tsp/sq. yd.	F	1# 5#	\$10.00 \$33.50	\$10.60 \$35.51
60	Sticky Strips (yellow) – Used to monitor pests including aphids, cucumber beetles, fungus gnats, corn rootworms or whiteflies. Comes with wires for hanging or sticking in ground.	F	10	X	\$18.55
61	Stylet Oil – High grade mineral oil for control of powdery mildew, scale, mites and other insects. Kills mildew on contact and protects sprayed surfaces for 10 - 14 days. Controls plant-feeding mites, leafhoppers, leaf miners, fall armyworms and corn earworms. Spray at 3 qt. - 2 gal./100 gal. water.	F	1 gal.	\$56.00	\$59.36

	PRODUCT DESCRIPTIONS	SUPPLIER	SIZE	EXEMPT PRICE	6% TAX PRICE
62	Surround WG – Kaolin clay forms a particle film that coats the surface of leaves and fruit, creating a barrier that acts as a broad-spectrum crop protectant, reducing damage from various insects, mites and disease-carrying pests. The clay forms a layer of white particles preventing insects from recognizing their target and, if they land, the particles rub off on them, causing irritation and excessive grooming.	F	25#	\$70.00	\$74.20
63	ThermX 70 – A wetting agent and spreader-sticker, made from a liquid concentrate of 70% yucca solids. Use as a soil penetrant to help plants make the most of available water. A great foliar feed, the high level of saponins improves the absorption of nutrients and increases resistance to stress. Mix 8 oz./100 gal. water.	F	1 qt.	\$45.00	\$47.70
64	Weed Guard Plus – Sturdy dark brown paper from cellulose fibers provides a biodegradable mulch and weed barrier. Porous to allow water penetration. Recommended for pumpkins, squash, cabbage, broccoli and cauliflower.	F	36 x 250'	\$62.50	\$66.25
65	Woven Ground Cover – Thick commercial-grade landscaping style fabric that blocks stubborn weeds. Should last 10 years if not abused and if covered with Buckwheat Hulls, straw, or wood chips.	F	4' x 50' 4' x 250' 6' x 50' 6' x 250'	X X X X	\$69.43 \$252.28 \$102.29 \$369.41

COVER CROPS & GRAINS - ORGANIC

66	Alfalfa, Viking 3800 ORG – High yielding variety with good winter hardiness. Strong disease resistance and persistence. Traffic tolerant with wide adaptability and moderate resistance to potato leafhopper. ½#/1000 sq. ft. or 12 - 20#/ac.	LV	50#	\$392.00	X
67	Barley, Spring ORG – This is a 2-row variety compared to the regular barley that has 6 rows. A dual-purpose variety that can be for feeding livestock or malting. 3#/sq. ft. or 115 - 160# ac.	BW	10# 50#	\$12.50 \$49.00	X X
68	Buckwheat ORG – A prized cover crop for weed and disease control, also releases phosphorous from the soil. Can also be used as a forage. This variety is not food grade. 1-2#/sq. ft. or 40 - 60#/ac.	LV	50#	\$53.00	X
69	Clover, Mammoth Red ORG – Perennial legume, great green manure or hay/pasture crop. ½#/sq. ft. or 7 - 18#/ac.	F	2# 10#	\$17.00 \$73.50	X X
70	Clover, Yellow Sweet ORG – An excellent green manure. Long thick taproots effective at breaking up subsoils and improving soil aeration. Brings up phosphorus and potassium in the process. Bees love sweet clover. ½-1#/sq. ft. or 9 - 20#/ac.	F	10# 50#	\$60.00 \$140.00	X X
71	Corn, Early Riser – Open pollinated field corn for silage or grain. A very hard textured flint/dent cross, bright orange in color. High test weight (density). Good for grinding into corn meal. 1/2#.sq. ft. or 15#/ac.	BW	10# 50#	\$49.00 \$210.00	X X
72	Hairy Vetch ORG – Planted in fall, this biennial legume produces large amounts of organic matter and nitrogen early in the season. Used as a cover/green manure crop, companion cropped with rye for overwinter cover. 20 - 40#/ac.	LV	50#	\$196.00	X
73	Oats, Butterworks – Common variety; good for feed or for hulling for human consumption. 2.5 - 4#/sq. ft. or 75 - 100#/ac.	BW	10# 50#	\$11.00 \$42.00	X X
74	Oats, Hayden ORG – Top yields and test weights, medium maturity and height, good quality grain and rust resistance.	LV	50#	\$35.00	X
75	Pasture Mix ORG – Orchard grass, timothy, perennial and annual ryegrass, festilolium, & meadow fescue. 12 - 15#/ac.	LV	25#	\$154.00	X
76	Peas, Field 4010 – Purple forage peas, large leafy plants with greater biomass, best when grown with a small grain for support. 3 - 4#/sq. ft. or 100#/ac. if grown with something else, 150#/ac. if grown alone.	LV	50#	\$45.00	X
77	Peas, Yellow Grain Admiral – Early maturing high yielding, best with support of early oats or spring barley for high grain yield and quality. Can be successful as a forage. 100#/ac. if grown with something else, 150#/ac. if grown alone.	LV	50#	\$45.00	X
78	Radish, Tillage ORG – Spring-planted crops show early boost in growth and nitrogen uptake. Creates channels for moisture and air, while capturing as many key nutrients as possible in your soil profile. 6 - 10#/ac.	LV	50#	\$231.00	X
79	Rye/Vetch Mix (78% rye and 22% vetch) ORG – Superb cover mix for fall planting. Produces abundant green manure, adds nitrogen to the soil and suppresses weed growth. The rye acts as a nurse crop for the vetch, protecting it from frost damage and providing support for the vines. Seed at 2#/1000 sq. ft. or 90#/ac.	F	2# 50#	\$8.00 \$101.50	X X
80	Rye, Winter ORG – Extremely winter hardy and competitive grain thrives on well-drained loam soils but will do well in heavy clays or sandy soils. Tolerates pH from 5.0 - 8.0. Best planted in early September to give good growth before winter dormancy, but may be planted at higher seeding rates as late as mid-October. 2 - 5#/sq. ft. or 100 - 200#/ac.	F	2# 50#	\$5.00 \$45.50	X X

	PRODUCT DESCRIPTIONS	SUPPLIER	SIZE	EXEMPT PRICE	6% TAX PRICE
81	Rye, Winter ORG – Extremely winter hardy and competitive grain thrives on well-drained loam soils but will do well in heavy clays or sandy soils. Tolerates pH from 5.0 - 8.0. Best planted in early September to give good growth before winter dormancy, but may be planted at higher seeding rates as late as mid-October. 2 - 5#/sq. ft. or 100 - 200#/ac.	LV	50#	\$39.00	X
82	Soil Building Seed Mix (PVO) ORG – Peas, 14% hairy vetch, 15% oats. Great soil builder and nitrogen fixer. The oats come up first and are pulled down by the peas, which are eventually pulled down by the smothering vetch. 4" mat of vegetation should be disked or mowed and incorporated in autumn. 5#/sq. ft. or 212#/ac.	F	2#	\$7.50	X
			10#	\$28.00	X
			50#	\$108.50	X
83	Sorghum/Sudangrass (BMR) ORG – Good for soil building, weed and pest control, erosion control and can serve as N trap crop. Exceptional warm season forage. Can be chopped, grazed or round baled. Works well in mixtures with small grains and peas. 1#/sq. ft. or 25 - 35#/ac.	F	2#	\$11.00	X
			10#	\$39.00	X
			50#	\$126.50	X
84	Timothy, Climax ORG – High quality, high sugar grass for hay or pasture, works best with alfalfa or clover. Very winter hardy, tolerant of wet soils but not very drought tolerant. Best for hay. If grazed, take care to prevent overgrazing. 1/2#/sq ft or 8 - 15#/ac.	LV	50#	\$175.00	X
85	Triticale ORG – Hybrid of wheat and rye. Taller and leafier than wheat and oats, with higher protein and more feed value when chopped for forage. Great as feed grain in forage mix with peas. 100-125#/ac.	LV	50#	\$39.00	X
86	Wheat, Hard Red Glenn – Suitable for milling with high yield and very high test weight and protein. Medium height, excellent strong straw for lodging resistance. 120 - 160#/ac.	LV	50#	\$39.00	X

COVER CROPS & GRAINS - UNTREATED

87	Clover, Alice White – Perennial persistence of small-leaved varieties with larger leaves and 9 - 12 plant size. Readily self-seeds. Will fix as much as 15#/acre of nitrogen. Excellent as a perennial grazing pasture. Frost-seed at 4 - 5#/acre, or 2 - 3# when mixed with grasses.	F	2#	\$28.00	X
			10#	\$122.00	X
88	Clover, Dutch White – Low growing, shade tolerant, perennial, nitrogen fixer, suppresses weeds. ¼#/sq. ft. or 6 - 14#/ac.	F	10#	\$69.50	X
89	Ryegrass, Annual – Widely adaptable to a variety of soils. Dense root systems withstand temporary flooding and are effective at holding soil and improving tilth. Uncut, will grow to 2' - 4', but should be kept mowed to prevent reseeding. Good annual smother crop when seeded heavily. ½ - 2#/sq ft or 15 - 50# /ac.	F	2#	\$11.00	X
			10#	\$50.00	X
			50#	\$162.50	X

INOCULANTS

Different legumes require different species of rhizobia to form a successful relationship. Legume seed is sold untreated: it has not been inoculated with the appropriate bacteria in a process called rhizocoating. Fresh inoculant is recommended each time you plant a legume to ensure an increase in bacterial populations.

90	Alfalfa/Clover Inoculant	F	treats 50#	\$8.00	\$8.48
91	Peas/Vetch Inoculant	F	treats 50#	\$5.00	\$5.30

GROWING SUPPLIES

92	Jiffy Pots – Peat pots that can be planted directly in the ground without disturbing seedlings.	F	3 Rnd (50)	X	\$6.89
			4.5 Rnd (50)	X	\$12.19
			3 Sq (36)	X	\$7.42
			3 Sq (1260)	X	\$197.16
93	Plant Tray, Heavy Duty (11" x 22" x 2 3/4") – Plastic trays will last for years and can hold fifty 2" soil blocks.	F	1	X	\$11.66
94	Plant Tray, Heavy Duty Dome (11" x 22" x 2 3/4")	F	1	X	\$6.89
95	Plant Tray, Mesh Bottom – Like standard 1020 tray, but with open mesh bottoms. Favored in soil block propagation - roots will air-prune. Also used to support plug flats.	F	5	X	\$11.66
			50	X	\$89.57
96	Plug Flats, 50 cells – Made of lightweight plastic with bottom drain holes.	F	5	X	\$9.01
97	Plug Flats, 72 cells – Made of lightweight plastic with bottom drain holes.	F	5	X	\$9.01
98	Poly Twine, Garden – Strong, multi-purpose white poly twine. Not biodegradable, so remove it at season's end!	F	6300'	X	\$16.43
99	Pot Labels, Wooden – Untreated 6" x ¾" wooden labels for identifying seedlings.	F	50	X	\$4.24
			1000	X	\$42.40
100	Stakes, 18" Untreated Wood	F	25	X	\$20.67
			100	X	\$56.71
101	Stakes, 12" Untreated Wood	F	25	X	\$5.83
			250	X	\$47.70
102	Trellis Plus – 7" reach-through nylon mesh with a strand strength of 60 lbs for tomatoes, climbing beans, peas, cucumbers and luffas. Weave a strand of fence wire through the top for extra support.	F	5' x 30'	X	\$14.84
			5' x 60'	X	\$26.50

PRODUCT DESCRIPTIONS		SUPPLIER	SIZE	EXEMPT PRICE	6% TAX PRICE
PACKAGING SUPPLIES					
103	Bags, Brown Paper (12 x 7 x 17)	BZ	50	X	\$62.01
104	Bags, Burlap – Untreated, holds 50 lbs. Works well in market displays: soak to keep produce damp & cool.	F	3	X	\$9.54
105	Bags, Mesh Produce – Red poly mesh with Fresh Produce label. Will fill to 24 long x 8 diameter. Holds up to 10 lb. of garlic or onions in an air-flow bag for curing, sorting, and marketing.	F	50 1000	X X	\$16.96 \$293.62
106	Bags, Poly Roll Plain (12 x 20)	BZ	3680	X	\$132.50
107	Bags, Thank You (11.5 x 6.5 22)	BZ	1000	X	\$29.68
108	Berry Baskets (green pulp)	BZ	1/2 pint - 600 Pint - 420 Quart - 297	X X X	\$68.37 \$53.00 \$58.83
109	Harvest Baskets (wooden)	F	Peck - 3 1/2 bushel - 3 Bushel - 3	X X X	\$14.84 \$16.96 \$21.20
110	Crate, Black 15.5x23.5x7 (cut-out sides)	F	1	X	\$5.30
111	Crate, Black 15.5x23.5x7 (full sides)	F	1	X	\$6.89
112	Rubber Bands	F	460	X	\$10.07
113	Twist Ties, 4 Yellow	BZ	2000	X	\$5.83
ANIMAL PRODUCTS					
114	Grazier's Choice – Ready to use mix of kelp meal, calcium, phosphorus, trace mineral salt, vitamin E, selenium, and diatomaceous earth. Not harmful to sheep.	FER	50#	\$43.00	\$45.58
115	Horse Power – Add to feed at 2 oz. per day for mature horses to improve strength and stamina and reduce stress. 9-10.5% Ca, 3% P, 1% Mg, 18-20% salt with trace minerals, vitamins, yeast and lactic acid bacteria.	FER	50#	\$70.00	\$74.20
116	Prism – Crystal Creek's topical liquid for more challenging situations including foot rot, puncture wounds, infected wounds and abscesses. Formulated with tea tree oil, rosemary, lemon, peppermint and cloves.	F	16 oz.	\$36.50	\$38.69
117	Redmond Conditioner – A trace mineral colloidal silicate, which contains a combination of nearly 50 mineral compounds. It can be fed free choice, used as a top dressing, or mixed in a TMR. Can be fed to beef cattle, dairy, cattle, horses, hogs, sheep and poultry.	FER	50#	\$17.50	\$18.55
118	Redmond Trace Mineral Salt – A pure rock salt (95% sodium chloride) that contains many valuable trace minerals that all livestock need: calcium, potassium, magnesium, sulfur, zinc, copper, iodine, iron, phosphorus and manganese. These minerals are essential to proper growth and development of your livestock.	FER	50#	\$14.50	\$15.37
119	Redmond Salt Block – Same as Redmond Trace Mineral Salt except in solid block form.	FER	44#	\$13.50	\$14.31
120	Sheep Nutri-Balancer – Vitamin and mineral supplement, nutritionally complete, with no added synthetic copper, promotes optimum animal health. Feed 1 oz per animal per day. 8% Ca, 3% P, 1% salt, 3% K, 8% Mg.	FER	50#	\$45.50	\$48.23
121	Sow Premix – Blend of calcium and other minerals along with vitamins to support gestating and lactating sows.	FER	50#	\$44.00	\$46.64
122	Swine Grower, no lysine – Vitamin and mineral supplement provides a nutritionally complete hog premix. Maximizes weight gain and feed efficiency. 18-21% Ca, 8.5% K, 7-9% NaCl with traces of Se, Zn and Fe, and with vitamins A, D3 and E. Contains no lysine. Mix with grains and proteins at 60# per ton of feed.	FER	60#	\$44.00	\$46.64
123	Wound Spray – Crystal Creek's soothing mildly antibacterial topical spray for minor wounds and abrasions. May be used safely on mucous membranes and pinkeye. Formulated with garlic, calendula and comfrey.	F	24 oz.	\$26.50	\$28.09

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NOFA-VT BULK ORDER FUNDRAISER

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