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# Sustainable Ag 2024 Catalog

This catalog is a product guide for our farming, homesteading, and avid gardening customers. It does not offer a complete listing of all products available. We are a full service feed and farm supply and carry way more than what can be printed in this catalog! Fencing and seed prices can be found on our website. For other product information and/or pricing, please call or email us. **NOTE: We try our best to keep prices current in this catalog, but it is possible that some prices may change before updates are made to the catalog.**

**Bulk Pricing:** In general, a **5% discount** is offered when buying minimum quantities of 10 at a time and **10% discounts** for pallets and cases unless otherwise noted. Soil amendments and potting mixes can be mixed and matched to reach the 10 bag minimum for the 5% discount. Pallet and ton pricing does not qualify for mix and match.

### A Special Note to Our Organic Certified Customers or Those Seeking Certification:

Although all of the products in this catalog contain natural ingredients, that does not always mean they have been approved by a certifying agency. Please use caution when choosing inputs for your farm, and when in doubt, ask your certifier. If you are interested in certification but do not have a certifier yet, we recommend contacting Carolina Farm Stewardship Association. CFSA offers a free consulting service to help growers navigate through the world of getting certified. For more information, consult <http://www.carolinafarmstewards.org>.

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We're constantly expanding to provide the supplies you need to grow food naturally and nutritiously. If you don't see the items you are looking for, check with us and we'll try to get them!

## **Multi-Purpose Fertilizers**

**Alfalfa Meal OG (3-2-2+minerals) 50lb. Nat'l List** – Slow release soil conditioner; increases microbial activity; 1/2 oz. Per 1" potted plant, 2.5lbs./100 sq. ft. in gardens

**\$8.95 / 10 lb. bag**

**\$34.50 / 50lb bag**

**\$32.78 / 10+ Bags**

**Coast of Maine Lobster Meal (6-2-0 with 8% Calcium) 4 lb. OMRI**

Lobster Meal is a unique single-ingredient fertilizer, high in both natural nitrogen and calcium to help promote strong stem growth, healthy green foliage and a vigorous root system. It is made of ground, dehydrated lobster, with some crab shell mixed in. It can be mixed into the soil of new beds, placed in planting holes or used to top dress existing garden beds, container gardens, houseplants and lawns. It can also be used as a compost bio-activator. An added benefit of lobster is that it is naturally high in chitin, which when in the soil releases an enzyme that deters many insects. Feeding directions can be found on Coast of Maine.com. **\$14.95 / 4 lb. bag**

**Coast of Maine Stonington Blend Plant Food (5-2-4) 4 lb. OMRI**

Coast of Maine Organic Products Stonington Organic Plant Food is an exceptional granular organic fertilizer that will supercharge the biology of container gardens. It is made with lobster, crab, fish and kelp meal, plus worm castings and other natural ingredients. It is also high in calcium which helps promote plant vigor. It can be mixed into the soil for new beds or used to top dress existing plantings. Feeding directions can be found on Coast of Maine.com. **\$17.95 / 4 lb. bag**

**Crab Flake Meal (3-3-0, +14% Ca and High Levels of Chitin) 44 lb. NOP**

Made from 100% Blue Crab, no additives. Crab shell is an excellent source of macro and micro nutrients. The high levels of chitin in crab shell creates a perfect feeding ground for chitin eating bacteria; thereby increasing the bacteria's population. These bacteria in turn feed on the chitin containing cell walls of nematodes and fungi present in the soil. The increased presence of chitin in the soil also triggers a defense response in the plant causing a release of chitin destroying enzymes, thus increasing the plants' defense mechanisms and immune response. In this way, the crab shell inadvertently creates a hostile environment for nematodes and fungi and strengthens plants. **\$39.95 / 44 lb. bag**

**Harmony Ag Organic Fertilizer (5-4-3) 40 lb. OMRI** – Slow release; made from all natural

poultry manure; 1% water sol. N, 4% water insol. N, 4% P<sub>2</sub>O<sub>3</sub>, 3% K<sub>2</sub>O, 9% calcium, .08% magnesium, 0.2% iron. We keep several ton pallets of bagged Harmony in stock, but we do not stock ton totes at this time. Totes are special ordered when we pull in our truckloads of Harmony. Join our email newsletter to stay posted on when these orders happen!

**\$17.50 / 40# bag**

**\$16.63 / 10+ Bags**

**\$825 / ton**

**Foxfarm's Happy Frog Acid Loving Plants Fertilizer (4-5-3) 4 lb. OMRI**

Specifically formulated for use on azaleas, rhododendrons, camellias, hydrangeas, evergreens, blueberries, raspberries, strawberries, and all other acid loving plants, this blend of fertilizers and microorganisms delivers nutrition where your plants need it most. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption. Feeding rates available on foxfarm.com **\$10.99 / 4 lb. Bag**

**Foxfarm's Happy Frog All Purpose Fertilizer (6-4-5) 4 lb. OMRI**

Happy Frog® All-Purpose is a ready-to-use blend of fertilizers and soil microbes. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption. Recommended for vegetable gardens, annual and perennial flower gardens, ornamental plantings, and all types of container gardening. Feeding rates available on foxfarm.com.

**\$9.99 / 4 lb. Bag**

**Foxfarm's Citrus & Avocado Fertilizer (7-3-3) 4 lb. OMRI**

This formula contains nitrogen for robust vegetative growth, as well as calcium and sulfur to address the needs of these citrus trees. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption. Feeding rates on foxfarm.com. **\$10.99 / 4 lb. Bag**

**Foxfarm's Happy Frog Fruit & Flower (4-9-3) 4 lb. OMRI**

This formula contains premium ingredients like bat guano, kelp meal, bone meal, feather meal, and beneficial microbes with a guaranteed analysis on microbial colonies and concentrations. We have used this product on both raised beds here and on home gardens with remarkable success and give the Foxfarm line a solid green thumbs up! Foxfarm recommends feeding monthly through harvest time, 1/2 cup for every 2 feet of plant height.

**\$10.99 / 4 lb. Bag**

**Foxfarm's Happy Frog Jump Start Fertilizer (3-4-3) 4 lb. OMRI**

Formulated for use on transplanted seedlings and re-potted container plants. This proprietary mix of fertilizers supplies phosphorus, a nutrient necessary for the early stages of plant growth. It also contains calcium which may help build stronger cell walls and boost the plant's ability to resist disease. Mycorrhizal fungi are included to help increase root efficiency, which may enhance nutrient uptake and water absorption. Feeding rates available on foxfarm.com.

**\$10.99 / 4 lb. Bag**

**Foxfarm's Happy Frog Tomato & Vegetable (5-7-3) 4 lb. OMRI**

Contains premium ingredients like bat guano, kelp, alfalfa meal, fish meal, and naturally occurring organic material. Foxfarm products provide a guaranteed analysis on microbial colonies and concentrations. We have used this product on both raised beds here and on home gardens with remarkable success and give the Foxfarm line a solid green thumbs up! Foxfarm recommends feeding monthly through harvest time, 2-3 cups per 10 sq' depending on crop. Recommended rates per crop are on the bag.

**\$10.99 / 4 lb. Bag**

**Nature Safe Pelletized Fertilizers 50 lb. OMRI**

We are purchasing these fertilizers direct by the tractor trailer load, so our intention is to keep several tons of each formula on hand at all times for your convenience.

<b>8-5-5</b>	<b>\$32 / 50lb bag</b>	<b>\$30.40 / 10+ Bags</b>	<b>\$1150 / ton (\$28.75 ea)</b>
<b>10-2-8</b>	<b>\$40 / 50lb bag</b>	<b>\$38.00 / 10+ Bags</b>	<b>\$1440 / ton (\$36 ea)</b>
<b>13-0-0</b>	<b>\$37 / 50lb bag</b>	<b>\$35.15 / 10+ Bags</b>	<b>\$1320 / ton (\$33 ea)</b>

**Neptune's Harvest Crab & Lobster Shell (5-3-0) 4 lb. OMRI**

An excellent dry organic source of nutrients, including Calcium (17%) and Magnesium (1%). It retains moisture in the soil, builds organic matter, and creates a deeper root system. Crab & Lobster Shell is high in Chitin (Kite-en), which promotes the growth of Chitin eating bacteria in the soil. It will help eliminate Ants, Grubs, Fungus and Root Nematodes, because they are all Chitin based in structure.

**\$14.95 / 4 lb. bag**

**Thorvin Natures Kelp Meal for Plants & Animals (USDA Organic)**

Harvested from clean North Atlantic waters of Ireland and Iceland. Slow release; improves soil texture & fertility; 10-20lb./1000 sq.ft., 400-800lb./acre for field crops. As an animal supplement, mix as 1-2% of the feed ration or feed free choice.

<b>\$19.95 / 10 lb. bag</b>	<b>\$78.00 / 50lb. Bag</b>	<b>\$74.10 / 10+ Bags</b>
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**True Seabird Guano (6-12-0) 4 lb OMRI**

We've had asked for this for years but never been able to source it before. Excellent organic phosphorous source!

**\$12.99 / 4 lb. bag**

**True Herbs & Leafy Greens (4-4-6) 4 lb OMRI**

Seabird guano, shrimp shell & crab shell meal, poultry manure, soybean meal blended at a rate ideal for greens - New retail option brought to you by the CA company responsible for fertilizing much of the West Coast's USDA organic commercial crops. We've been carrying their bulk liquid fertilizer for years, but this is a new small package retail line for them that we are excited to offer!

**\$11.99 / 4 lb. bag**

**True Tomato and Vegetable (4-5-6) 12 lb OMRI**

Seabird guano, shrimp shell & crab shell meal, poultry manure, soybean meal blended at a rate ideal for fruiting vegetables- New retail option brought to you by the CA company responsible for fertilizing much of the West Coast's USDA organic commercial crops. We've been carrying their bulk liquid fertilizer for years, but this is a new small package retail line for them that we are excited to offer!

**\$26.99 / 12 lb. bag**

**Neem Seed Meal (4-3-1.5) 44 lb OMRI**

Great Vegan fertilizer option! Made from neem cakes that were pressed for neem oil extraction. Neem meal is both a well-balanced fertilizer and a pest repellent. The high Azadirachtin content can protect crops against a wide variety of parasitic nematodes. 44lb per 1000 sq' prior to planting.

**\$66.00 / 44 lb. bag**

**Nitrogen Sources**

**Blood Meal from Poultry or Porcine (12-0-0) 50lb. Nat'l List–** Repels vermin; heats up compost; side dress veggies at 2lb./100 ft. row or 300-500lb/acre

**\$19.00 / 10 lb. bag**

**\$62.00 / 50 lb. bag**

**\$58.90 / 10+ Bags**

**Feather Meal 50 lb.** – Slow release w/ low water solubility; nitrogen becomes available through microbial activity; 200-250lb per acre. We source feathermeal sold as a feed additive, so it does not have an N-P-K label. The most recent waste analysis we ran on a batch was 14-0-0. Feather meal typically runs 12-13% nitrogen, so we recommend using this figure when making calculations for your crops. This feather meal is OMRI listed, however, we have supplied paperwork to certified growers to get this feather meal on the list of approved inputs with some of the commonly used certifying agencies. We buy feather meal in bulk from Tyson's rendering plant in Harmony, NC and bag it ourselves. We stock 50lb. bags, but on bagging days, you can buy by the pound at an additional savings by bringing your own containers. Join our newsletter to stay tuned for our next bagging day!

**\$32.99 / bag**

**\$31.35 / 10+ Bags**

**Nature Safe Pelletized Feather Meal 50 lb. OMRI**

We began stocking this fertilizer out of customer requests for a less stinky, more easily spreadable organic nitrogen alternative to traditional feather meal.

**13-0-0 \$37 / 50 lb bag**

**\$35.15 / 10+ Bags**

**\$1320 / ton (\$33 ea)**

**Sodium Nitrate AllGanic Soluble (15-0-2+minerals) 50lb. OMRI–** Pelletized, fast acting, natural fertilizer from bat guano; Apply no higher than 100-150lb. per acre for heavy feeding vegetables. Do not apply close to plant stems; product may burn. This is the same great product as the 16-0-0 we've always carried, but the analysis changed slightly so it no longer has to be shipped Hazmat.

**\$52.95 / bag**

**\$50.30 / 10+ Bags**

## Phosphorous Sources

**Bone Meal, steamed (2-14-0)** 50 lb. OMRI – Starter fertilizer for immediate phosphorous w/ 30% calcium; 2-3lb/100 ft. row or 400-600lb/acre

**\$15.50 / 10 lb. bag**

**\$41.95 / bag**

**\$39.85 / 10+ Bags**

**Fertoz Granular (0-20-0)** 50 lb. OMRI – Total Phosphorus 20%, available phosphorus 7%, CaO is 31%, SiO<sub>2</sub> is 26%. Derived from rock phosphate. It is difficult to measure soil availability of phosphate and some soils may need large initial applications (up to 1000 lbs/acre) to bring the soil to a point where it will release sufficient phosphate to the plant. After the soil is brought to balance, only maintenance amounts (100-200 lbs/acre) are usually needed.

**\$8.95 / 10 lb. bag**

**\$34.95 / bag**

**\$33.20 / 10+ Bags**

**Fish Bone Meal, steamed (5-16-0)** 50 lb. Nat'l List – Our one powdered phosphorous option, this marine-based alternative made from white fish processed for human consumption is a great source of organic phosphorous and calcium (12-17%). Fish odor in this bone meal is mild.

**\$65.95 / bag**

**Foxfarm's Happy Frog Cavern Culture, Bat Guano (0-5-0)**

High phosphorous bat guano with active microbes. Bat guano is especially good for spectacular flowers and multiple bud development. 2-3 cups per 10 sq'. Top dress early spring and once in late fall or at the first sign of bud development.

**\$13.99 / 4 lb bag**

**Liquid Phosphorous ProPhos (0-20-0)** 3.5 gallon WSDA

This product can be used in drip line systems.

**\$145.00 / 3.5 gallon**

**Rock Phosphate Ida-Gro Pelletized (0-3-0)** 50 lb. OMRI– 20% total phosphate, 6-8% available P<sub>2</sub>O<sub>5</sub>, 23% calcium; Soil biology speeds release; 300-500lb/acre yearly

**\$24.95 / bag**

**\$23.70 / 10+ Bags**

## Potassium Sources

**Bio Link Liquid Potassium (0-0-6)** 2.5 gallon OMRI –

Derived from sulfate of potash. Can be sprayed, drenched or fertigated.

**\$61.00 / 2.5 gallon**

**Potassium Sulfate Granular (0-0-50-Sulfur 17%)** 50 lb. OMRI –

**Use with alkaline soils – will lower pH** Naturally occurring, mined product. This is a soluble SOP for crop production. It is best to apply according to your soil test or crop requirements.

**\$14.00 / 10 lb. Bag**

**\$48.95 / 50lb. Bag**

**\$46.50 / 10+ Bags**

**Allganic Potassium Sulfate Soluble (0-0-52-Sulfur 18%)** 50 lb. OMRI –

**Use with alkaline soils – will lower pH** Suitable for using in drip irrigation systems or for float-irrigation. Naturally occurring, mined product; 1lb/1000 sq. ft.

**\$57.95 / Bag**

**\$55.05 / 10+ Bags**

### **Sunflower Hull Ash Soluble Powder (0-4-34) 50 lb. OMRI –**

**Use with acidic soils – will raise pH** Soluble potassium from an unmined, renewable source. It's high pH (~10) will increase pH in acidic soils. The potassium source also includes 8% calcium, 4% sulfur, 4% magnesium, .05% boron, 0.11% iron, 0.11% sodium, 335 ppm zinc, 165 ppm manganese, 4.5 ppm molybdenum, 1 ppm cobalt. Screened at 100 mesh.

**\$8.00 / 5 lb. Bag                      \$43.50 / Bag                      \$41.33 / 10+ Bags**

## ***Liming Sources***

**Hi-Cal Lime 50 lb. Nat'l List –** 100% pulverized limestone; superior to dolomitic lime when soil is already high in magnesium; 38% elemental calcium; 95% calcium carbonate; 50 lb/1000 sq. feet or 1 ton/acre

**\$9.49 / bag                      \$9.02 / 10+ Bags**

**Calcium Carbonate Pellet 50 lb. –** Superior to dolomitic lime when soil is already high in magnesium and in a convenient pellet for broadcasting with a spreader.

**\$8.25 / bag                      \$7.84 / 10+ Bags                      \$7.43 / Pallet (56 bags/pallet)**

**Hi-Cal Lime Pelletized SuperCal 98G 50 lb. OMRI–** Pelletized limestone, high in calcium and less than 0.5% Mg. Elemental calcium is 38%. Calcium carbonate equivalent is 95%. Apply one ton/acre or 50lb./1000 sq. ft.

**\$10.99 / bag                      \$10.44 / 10+ Bags**

## ***Micronutrients, Minerals, Soil Conditioners, and Acidifiers***

**Azomite Granular or Micronized 44 lb OMRI -** Naturally mined, volcanic material w/ 66+ minerals & trace elements to improve depleted soils and assist in plant nutrition & growth. Field crops: 250lb/acre followed by 100lb/acre annually. Vegetables & Flowers: 5lb/100 sq. ft. Grapes, Roses & Shrubs: 0.5-1lb. lightly tilled around plant.

**\$28.95 / bag                      \$27.50 / 10+ Bags**

**Boron 10% Pelleted or Soluble 50 lb OMRI –** Derived from Sodium Calcium Borate, non-acid forming, product of Chile; side dress plants or broadcast across the garden. Apply in the concentration indicated by your soil test.

**\$8.00 / 5 lb. bag                      \$35.95 / 50 lb. Bag                      \$34.15 / 10+ Bags                      Solubor 5 lb. \$29.95**

**Elemental Sulfur 90% 50 lb. Tiger Brand OMRI -** Lowers pH w/o potential aluminum sulfate toxicity; great for blueberries. 10lb/1000 sq. ft. or 400lb/acre to lower pH 1 point

**\$7.95 / 10 lb. bag                      \$28.95 / 50 lb. Bag                      \$27.50 / 10+ Bags**

**Foli-Cal by Monterey –** Liquid foliar calcium treatment. Consider use of this product when plants show signs of distress from calcium deficiency. Uptake of calcium through the leaves will work more efficiently than through amending soil with lime products.

**\$12.99/ Pint Concentrate                      \$8.99/ RTU Quart**



## **Biological Amendments**

**Wakefield HERO BioChar and Compost Blend**– Compost HERO biochar blend is made with premium Wakefield BioChar, organic compost and mycorrhizal fungi to create a superior soil conditioner. The recipe starts with our 20% premium biochar. Vegetable Gardens & Flower Beds: Mix 1/2 inch BioChar Source into top 4-6 inches of soil, seed, and water in. Potted Plants: Mix BioChar Source in at 10-20% (by Vol.) of your potting soil. Vegetable & Flower Transplants: Add a 1/2-1 inch layer of BioChar Source to the transplant hole and mix with existing soil. Turfgrass: Add 1/2 inch of BioChar Source prior to seeding or laying down sod. Work into 4-6 inches of existing soil. Add seed, rake and water thoroughly.  
**\$16.00 / 1 cu. ft. bag      \$15.20 / 10+ bags**

**KenKashi** – This specific blend of microorganisms created through fermentation is the same as EM-1 but produced locally in Floyd County, VA. These microbes can be used to improve the fertility and health of nearly anything - from vegetable crops, to orchards, lawns, and ornamentals. These microbes not only improve grow rates of plants but they are also an effective disease prevention. Kenkashi is even great to spray on a compost heap to activate decomposition, and it can be flushed down toilets to help with septic systems. It is extremely concentrated and can be diluted at a rate of 1 ounce per gallon of water or it can be brewed in a compost tea to make even larger quantities.  
**\$30.00 / 32 oz.      \$60.00 / gallon**

**Endomycorrhizal Inoculant (BEI) from BioOrganics OMRI** – Blend of eight types of endospores; 50 spores/cm<sup>3</sup>; use as inoculant for veggies, grapes, fruit trees, berries & flowers by dusting roots, blending into potting soils, or working into soil before seeding; 2-3lb/acre or dust 1/2 tsp./transplant; 3lb treats 1500 veggie transplants  
**\$43.95 / 1.5 lb. jar**

**Big Foot Mycorrhizae Root Builder Concentrate water-in root inoculum OMRI** – Endomycorrhizae, Biochar, Kelp, Worm Castings, and Humic Acid. Dissolve 1 tsp per gallon of water. For transplanting, dip bare roots or root ball in solution. For existing plants, drench solution in root zone.  
**\$18.99 / 4 oz      \$29.99 / 8 oz**

**WormGanic Worm Castings 1 cu. ft. bag** - These castings are derived from worms fed an organic corn silage diet on peat moss bedding. High in organic matter, worm castings will enhance any soil or soilless media with increased water holding capacity, increased biological activity and improved soil structure. This particular 'vegetarian' worm casting product does not have the same micronutrient levels as manure-based castings. It offers an affordable bulk option, but if you have specific micronutrient needs, we recommend blending in some powdered Azomite, Kelp meal, Alfalfa meal or other liquid fertility amendments to make up the difference.  
For lawn treatments, use 1 bag (1 cu. ft) per 1000 sq. ft.  
**\$15.99 / 1 cubic foot bag**



## Liquid Fertilizers

**Aqua Power (5-1-1)** 1 Gallon OMRI – This fish fertilizer has the same analysis as Alaska Fish Fertilizer which we can no longer source. **\$19.99 / 1 gallon**

**Bio Link Liquid Potassium (0-0-6)** 2.5 gallon OMRI – Derived from sulfate of potash. Can be sprayed, drenched or fertigated. **\$61.00 / 2.5 gallon**

**Brown's Fish Fertilizer (2-3-1)** OMRI Produced in Western North Carolina as a byproduct of a freshwater trout farm. Brown's is a fish hydrolysate and is produced using a cold process so that it contains all the nutrients, vitamins, enzymes and natural growth hormones. It is filtered down to 120 mesh and can be used in drip line systems. Phosphoric acid is used as a pH stabilizer and as a source of phosphorus that plants need. **General Application Rate:** 2 Tbsp per gallon water every 2-3 weeks or 2-3 gallons per acre four times during the growing season. **\$19.50 / 1 gallon                      \$87.50 / 5 gallon**

**Fish & Poop - Monterey Liquid Fish and Guano Fertilizer (9-6-2)** 1 quart concentrate makes 64 gallons; treats approximately 4,000 ft. sq. Derived from fish solubles, seabird guano and other ingredients. Use as a foliar spray or a liquid drench to supply crops with balanced nutrition. **\$12.49 / 32 oz**

**Fox Farm - Big Bloom Liquid Plant Food (0-0.5-0.7)** OMRI - Micro-brewed formula with earthworm castings, bat guano, Norwegian kelp, and rock phosphate. Foliar feed with every other watering for boosting fruit and flowering or drench roots to perk up struggling plants. ½ oz. per gallon for seedlings and transplants. 2 oz per gallon for general feeding. **\$14.99 / 32 oz**

### Fox Farm:

- **Grow Big Liquid Plant Food (6-4-4)** \_ **\$23.99 / 32 oz**
- **Grow Big Hydro Plant Food (1-0-0 5%Mn)** \_ **\$18.99 / 32 oz**

These two special brews are designed to enhance plant size and structure, allowing for more abundant fruit, flower and bud development. It is formulated with a low pH to maintain stability in storage and keep micronutrients available. Feeding rates available on Foxfarm.com. Be careful you choose the correct bottle in the store – for soil planting or hydroponics – we carry both!

**Fox Farm – Tiger Bloom Buds & Blooms (2-8-4)** FoxFarm Tiger Bloom® is a phosphorus fertilizer that contains nitrogen to support vigorous growth. It is formulated with a low pH to maintain stability in storage and keep micronutrients available. Tiger Bloom® can be used for both hydroponic and soil applications. Tiger Bloom® is designed to encourage abundant fruit, flower, and multiple bud development. Use Tiger Bloom® at the first signs of flowering through harvest. Feeding rates available on Foxfarm.com. **\$20.99 / 32 oz    \$189.00 / 5 gallon**

**Medina HastaGro Plant (6-12-6)** – A natural plant and microbial food ideal for drip irrigation. Can also be foliar fed. Contains high-quality N-P-K plant food complexed with humic and fulvic acids, Medina Soil Activator to stimulate biological activity, and seaweed extracts and sugars to stimulate fruiting and blooming. Nitrogen is derived from clean urea sources. **\$19.99 / 1 gal    \$92.00 / 5 gallon**

**Medina Horticultural Molasses Soil Stimulator 1 gallon** – Liquid molasses great for composting teas or mixing with your other liquid fertilizers to feed soil microbes.  
**\$12.25 / 1 gallon**

**Neptune's Harvest (2-3-1) Fish & Seaweed Fertilizer OMRI** -builds the natural sugar in plants; Increases marketable yields and improved shelf life on fruits and vegetables; flowers and foliage will be stronger and more colorful, blooms more plentiful, fragrant and long lasting.  
**General Application Rate:** 1 oz. per gallon water if foliar feeding, 2 oz. per gallon water if feeding through drip irrigation  
**\$18.95 / 1 quart    \$44.95 / 1 gallon    \$95.00 / 5 gallon    55 gal ask for details**

**Neptune's Harvest Rose and Flowering Formula (2-6-4)** Made with fresh fish, molasses, yucca extract, seaweed and humic acids. 1 oz/ gal.  
**\$25.99 / 1 quart**

**Neptune's Harvest Seaweed Plant Food (0-0-1, 60+ micronutrients & amino acids)**  
OMRI Seaweed's growth promoting substances (Auxins, Cytokinins, Gibberellins) enhance plant development, color and vigor. Seaweed has also been found to increase plant hardiness and resistance to adverse environmental conditions, such as early frost, extreme heat and lack of moisture. Used as a seed inoculant, seaweed fertilizer increases and accelerates germination, and enhances the rapid development of a healthy root system. 1 oz/ gal.  
**\$19.99 / 1 quart    \$38.95 / 1 gallon**

**Neptune's Harvest Tomato & Veg Formula (2-4-2)** A complete fertilizer for tomatoes, vegetables and more. Made from fresh fish, seaweed, molasses, yucca extract and humic acids, uniquely designed for plants with intense growth or "vegging" stages. Growers using "Tomato & Veg" have seen increased stalk/stem mass resulting in higher yields. Tomato & Veg provides necessary nutrients to keep plants vigorous with strong root zones and lush foliage, increasing tolerance to various diseases, temperature and drought. For best results: Use Tomato & Veg Formula in combination with Rose & Flowering Formula as follows... Part 1: TV, during the vegging stage of the plant. Part 2: RF, once buds begin to appear, when flowering begins.  
**\$24.95 / 1 quart**

**ProPhos Liquid Phosphorous (0-20-0) 3.5gal WSDA**  
This product can be used in drip line systems.  
**\$145.00 / 3.5 gallon**

**True Organics (4-1-3) Bulk Fish Fertilizer OMRI** –A fish and molasses blend uniquely formulated for organic fruit and vegetable production, this is the stuff used by many large commercial organic growers in CA. As a liquid fertilizer, True has an edge over other fish products in its ability to maintain an even consistency rather than clumping or settling. It runs through a drip system cleaner than other fish products. Recommended rate is similar to Neptunes Harvest. We sell True out of a 275 gallon tote and offer increasing discounts depending on the quantity you buy. Bring your own container or buy a container from us. We sell 5 gallon containers with spouts for \$4.99 and 55 gallon barrels for \$15.00.  
**\$16.50 / gallon (1-9)    \$14.50 / gallon (10-29)    13.50 / gallon (30+)**

# ***Pest & Disease Management***

## **AzaGuard 3% Insect Growth Regulator insecticide /Nematicide OMRI –**

**Best for broad spectrum larval insect control, especially leafminers, whiteflies, and aphids**

3% Azadirachtin – active ingredient derived from neem seed extracts. AzaGuard has multiple modes of action and prevents molting between larval, pupal and nymphal stages, and also repels insects on treated crops, reducing insect damage to plants. AzaGuard controls more than 300 different insect species in greenhouse and field applications. Tank mix to control all stages of insect life.

**\$240.00 / 32 oz**

## **AzaSol Bio-Insecticide, 6% Azadirachtin, Powdered Concentrate OMRI –**

**Best for broad spectrum larval insect control, especially leafminers, whiteflies, and aphids**

The Next Generation Neem. A water soluble 6% Azadirachtin powder insecticide and insect growth regulator, from the Neem tree. Provides an exceptionally potent, non-oil based, and environmentally friendly insect control solution for trees, shrubs, turf, garden, vegetables, fruit trees, and herbs. Can be used as a spray, soil drench, tree injection or through chemigation. Leaves no oily residue, will not clog of equipment, Won't burn leaves or block photosynthesis, is systemic and translaminar (Absorbed through leaves) and can be used the same day harvest. OMRI Listed® for Organic Use.

**\$26.99 / 0.25 oz**

## **Badge X2 Fungicide/Bactericide for Agricultural Use OMRI –**

**Best for broad spectrum fungal and bacterial pests – quick acting and long lasting – spray in the evening to avoid phototoxicity**

Dry flowable copper hydroxide and copper oxychloride. The combination of two copper compounds in this product work together for both quick release disease protection and extended residual control. Copper hydroxide is the quicker acting copper while copper oxychloride releases more slowly. Excellent wash-off resistance for best protection possible during and after rains. We began carrying this product after passionate customer feedback. Application rates vary based on crop.

**\$95.00 / 10 lb.**

## **B.T. (Bacillus thuringiensis) Dipel DF and Javelin WG OMRI**

**Best for caterpillars**

Kills leaf-eating caterpillars by paralyzing the digestive system; death in two days; harmless to beneficials, animals & humans; comes as a soluble granule to be used as a spray.

**\$17.95 / 1 lb. Bag**

**\$87.00 / 5 lb. Bag**

## **B.T. (Bacillus thuringiensis) Liquid Concentrate by Monterrey OMRI –**

Same active ingredient as above but in a easy to mix liquid concentrate. Mix 1.5 ounces per 3 gallons of water for fruits and vegetables and 2 ounces per 3 gallons of water for stubborn bagworms, other worms and caterpillars on shade trees and ornamentals.

**\$15.99 / RTU 32 oz**

**\$14.99 / 16 oz**

**\$27.99 / 32 oz**

## **Biorepel Natural Insect Repellent Concentrate with Garlic Oil OMRI**

BioRepel is a concentrate made with 10% pure garlic oil and it is a natural insect repellent. After application the strong garlic odor dissipates within a few minutes, but remains offensive to insect pests for days. Apply to all plants, trees, shrubs and crops to repel most insect pests. Very safe to use, handle, and store and has no plant toxicity and is non-toxic to humans and animals. It can also be used as repellent for soft-bodied flying insects such as Aphids, Jassid, Leaf Hoppers, white flies, mosquitoes, and thrips. It is also non-phytotoxic to plants and will leave no "after taste" on edible plant parts and fruit.

**\$25.99 / quart**

**\$64.99 / gallon**

### **BioSafe's Sanidate OMRI**

**Best for post harvest sanitation. GAP approved!**

A broad spectrum bactericide/fungicide approved for disease control in greenhouse surfaces and equipment and also post harvest sterilization and food prep.

**\$9.99 / RTU 32 oz                      \$22.95 / GALLON                      \$94.00 / 2.5 gal**  
**PAA Test Strips (for GAP) - \$23.95**

**Cease (Same As Serenade) 1 gallon.** – Now that Bayer Crop Science has discontinued manufacturing Serenade in quart bottles, this is the smallest container size we can offer bacillus subtilis.  
**\$78.99 / 1 gallon**

**Come & Get It Fire Ant Killer 1 lb.** – Granular bait with an active ingredient of spinosad  
**\$18.99 / bag**

### **Complete Disease Control Concentrate by Monterey OMRI –**

**Best for broad spectrum prevention of soil and air borne fungal and bacterial disease**

Same active as Certis's Double Nickel, Bacillus amyloliquifaciens. This beneficial bacterium colonizes roots, leaves, and other plant surfaces preventing many fungal and bacterial diseases from establishing a home. Use as a foliar spray or soil drench. Application rates will vary – see label for details.

**\$14.99 RTU                      \$22.99 16 oz.                      \$89.99 gal**

### **Crop Defender Concentrate by Grower's Ally OMRI –**

**Broad spectrum miticide, insecticide and fungicide to use for any plant growth stage**

Active ingredients are thyme, rosemary, clove and peppermint oil. For all indoor or outdoor plants at any life stage. Dilute concentrate and spray to kill mildews, mites and other soft bodied insects and their eggs on contact.

**\$39.99 8 oz.**

### **Cueva Copper Fungicide OMRI –**

**Best for broad spectrum control of bacterial disorders, mildews, and fungal issues. Spray in the evening to avoid phototoxicity.** Copper octanoate 10%, 0.5 – 2 oz per gallon

**\$115.00 / 2.5 gallon**

**Deer Repellent by I Must Garden 32oz Concentrate** – All natural plant-based deer repellent made in Chapel Hill. 100% money back guarantee from the manufacturer if not fully satisfied. Available in Ready To Use spray and liquid concentrate.

**\$14.99 / 32 oz RTU                      \$39.99 / 32 oz concentrate                      \$29.99 / 1 gallon RTU**

**Deer & Rabbit Repellent by Plantskydd OMRI** – Awful smell but extremely effective and long-lasting! Primarily made of blood meal, this product repels deer and small critters by triggering odors that animals associate with predator activity; will last 3-4 months in summer.

**Plantskydd GRANULAR, apply to the ground:**

**\$26.99 / 3.5# jug                      \$49.99 / 8# jug**

**Plantskydd LIQUID, apply as spray to foliage:**

**\$18.99 / 32 oz RTU      \$48.99 / 1 gallon RTU      \$28.99 / 1 lb. concentrate for spray**

**Diatomaceous Earth Feed Grade 40lb. OMRI** – Use outdoor on slugs, ants, grasshoppers, crickets; indoor use on cockroaches, silverfish, carpet beetles, bedbugs, ants & fleas. Mix with feed to keep it fresh longer at rate of 1 bag per ton.

**\$17.99 / 6 lb. shaker can                      \$24.99 / 40 lb. Bag**

### **EcoShield by HOMS 64oz OMRI**

Botanical Insect Control. Use in vegetable gardens, lawns, berry bushes, and on ornamentals. Quickly kills most agricultural insect pests including mites, aphids, leaf beetles, caterpillars, ants, as well as lawn pests such as ticks, mosquitoes, fleas. Made from organic plant oils from farms in the Southeast. Not a systemic pesticide and safer for use around pollinators. OMRI listed for botanical insect control on animals and livestock.

**\$24.99 / 64 oz concentrate**

### **Fruit Tree Spray Plus by Monterey OMRI**

**Best for pest, fungus, and mite control Spray in evening to avoid pollinators and phototoxicity.**

1 pint concentrate makes 16 gallons. Broad spectrum insecticide, fungicide and miticide. Active ingredients include Pyrethrins and Neem. Effective for treating pests on fruit & nut trees, ornamentals, shrubs, flowers and vegetables. Can be used up to the day of harvest. **\$26.99 / 16 oz**

### **Grandevo by Marrone 1 lb. OMRI**

Can be used with Regalia and Grandevo as a complete integrated pest management program. The Marrone product line has strong efficacy among organic farmers, but has previously been available only in sizes and with pricing out of reach of small growers. No more – smaller sizes are now available! Grandevo WDG is a microbial-based insecticide. Grandevo WDG contains several active compounds that repel, stop feeding, reduce reproduction and induce mortality to prevent the development of damaging populations of sucking and chewing insects, flies and mites. As part of a modern pest management program, Grandevo WDG can be used on a wide range of organic and conventional crops, including fruits, vegetables, and nuts. It carries no bee restrictions, is easy on beneficials, and is exempt from residue tolerances, making it popular among hemp growers but also useful for a broad spectrum of applications. For more info and application rates, visit [marronebio.com](http://marronebio.com).

**ACTIVE INGREDIENT:** *Chromobacterium subtsugae* **\$49.99 / 1 lb.**

### **Horticultural Oil by Monterey OMRI**

**Best for early season broad spectrum pest control.**

80% mineral oil – This is the same product as the agricultural sized TriTek by Brandt but in smaller packaging. If you need the TriTek size, we can special order. 1 quart concentrate makes 12-25 gallons spray. Average application rates: Vegetables, fruits & ornamentals = 1-2 gallons; Mature fruit tree = 3-4 gallons; Citrus trees = 8-15 gallons. Effective for smothering adults, larvae and eggs of aphids, mites, scales, whiteflies and other soft-bodied insect pests. For dormant and growing season. Mixes well with other pest controls. Toxic to fish; use caution when applying to avoid runoff and/or drift to sensitive areas.

**\$11.99 / 32 oz**

**\$28.99 / gal**

**Howler Fungicide 5lb. OMRI - Howler™** fungicide from AgBiome Innovations is a revolutionary fungicide that harnesses the power of the plant microbiome to create an efficacious fungicide with multiple modes of action that provide preventive, long-lasting activity on a broad spectrum of soil-borne and foliar diseases. Howler can be used effectively at every phase of production: greenhouse, planting, early plants, maturing plants, harvest and post-harvest. Some of the target plant diseases are: *Rhizoctonia*, *Pythium*, *Fusarium*, *Phytophthora*, *Sclerotinia*, *Colletotrichum*, *Botrytis*.

**\$69.00 / 5lb**

**Insect Killing Soap Concentrate by Safer 16 oz. OMRI - makes 6 gallons –**

**Best for control of small, soft bodied insects.**

A natural insecticide, fungicide, and miticide made from 49% potassium salts of fatty acids. Kills a wide variety of insect pests, yet it can be used up to the day of harvest! 2.5 oz/ gallon

**\$8.49 RTU**

**\$11.49 / 16 oz**

**Insect Killing Soap Concentrate, DES-X 2.5 gal. OMRI - Same as above but in a larger size for commercial production. **\$95 / 2.5 gal****

### **Neem Oil Concentrate by Monterey OMRI**

**Best for broad spectrum pest, fungus, and mite control. Concentrate spraying in the evenings to avoid pollinators and phototoxicity.** 70% neem oil broad spectrum insecticide, fungicide, miticide, repellent & insect growth regulator; gentle on beneficials

**\$17.49 / 32 oz RTU**

**\$23.99 / 16 oz**

**Neem Oil Concentrate by Rango OMRI** – 70% Neem cold pressed concentrate. Cold pressed Neem keeps the full spectrum of active compounds intact including 0.35% azadirachtin, making Rango a great value for what it can offer!

**\$29.99 / 32 oz**

**\$74.25 / 1 gallon**

**Orange Oil Concentrate by Medina** – This product does not have a pest label, but orange oil has been known for generations to be a natural pest control, most especially effective on fire ants. This product is much more concentrated than other orange oil products on the market, such as Orange Guard. As a foliar spray, mix 2 ounces per gallon of water, and as a soil drench, mix 4 ounces per gallon. Orange oil also works great as a natural cleaning solution! This product is not available in larger sizes. The company says that the orange oil degrades most plastics used in the manufacturing of larger bottles.

**\$23.99 / 32 oz**

**6/cs - 10% off case quantity**

### **Potassium Bicarbonate – Carb-O-Nator (Replaced Milstop) - OMRI**

**Best for powdery mildew**

Similar to above product but in a size for commercial production. 1 Tbsp/gal per 500 sq'

**\$60.95 / 5 lb bag**

### **Pyganic Gardening OMRI 8 fl. oz.**

**Best for broad spectrum insect control – Spray in evening to avoid pollinators**

Active ingredient is 1.4% PyGanic; treats 6,000 ft. sq. Same product as below, but in a more cost effective size for smaller applications. Most effective control achieved when used at first sighting of pests. Mix only what you need to treat effected area and use personal protective equipment when spraying.

Broad spectrum insecticide for over 100 pests\_ avoid use around **Honeybees & water sources containing fish.** (This is the same product as Monterrey's Bug Buster, but we've started carrying this instead because it's more economical.)

**\$25.95 / 8 oz**

### **Pyganic Concentrate 32 oz. OMRI**

**Best fo broad spectrum insect control – Spray in evening to avoid pollinators**

Broad spectrum insect control w/fast result; use on all indoor & outdoor plants; zero pre-harvest interval; non-corrosive pyrethrin liquid; 1-2oz/gal water; Call or email for pricing on larger sizes or 5% concentrates

**\$55.95 / 1.4% Concentrate, 32 oz      \$169.50 / 5% Concentrate, 32 oz**

**\$76.50 / 5% Concentrate 16 oz Under the Evergreen Label**

### **Regalia Biofungicide by Marrone 1 Qt. OMRI**

Can be used with Regalia and Grandevo as a complete integrated pest management program. The Marrone product line has strong efficacy among organic farmers, but has previously been available only in sizes and with pricing out of reach of small growers. No more – smaller sizes are now available! Regalia Biofungicide delivers better yield and improved harvest quality. It's ISR and SAR modes of action increase crop performance by stimulating a plant's innate ability to fight diseases. This fungicide offers preventative activity and early control of yield-robbing diseases that result in increased marketable yield and profit on every acre. For more info and application rates, visit [marronebio.com](http://marronebio.com).

**ACTIVE INGREDIENT:** *Reynoutria sachalinensis*

**\$73.99 / 32 oz**

**Sanidate 2.5 gal – Best for post harvest sanitation. GAP approved!**

A broad spectrum bactericide/fungicide approved for disease control in greenhouse surfaces and equipment and also post harvest sterilization and food prep.

**\$94.00**

**Serenade Biofungicide Concentrate OMRI**

**Best for broad spectrum preventative fungicide**

Microbial biofungicide (bacillus subtilis) that controls lettuce downy mildew, botrytis brown rot, grape powdery mildew & much more; applied as a preventative fungicide; non-toxic to beneficial insects

**\$101.00 / 2.5 gallon** Note: Quart size no longer exists; see Cease for 1 gallon quantity

**(Spinosad) Entrust by Corteva 16oz OMRI**

Entrust (22.5% Spinosad: Spinosyn A & D) provides control of a large range of foliage-eating insects. Entrust provides a quick knockdown and residual control through two modes of action: contact and ingestion, disrupting the target's nervous system. Entrust is labeled for most caterpillars, Colorado potato beetle, flea beetles, spotted wing drosophila (SWD), and more. **Entrust is the most concentrated and economical (cost per acre) Spinosad available for certified organic growers.**

**\$595.00 / quart (16oz)**

**Spinosad Liquid Concentrate by Monterrey OMRI**

**Best for Colorado potato beetles, yellow margin leaf beetles, & worms**

Spinosad A & D, 0.5%; Use in vegetable gardens, fruit trees, lawns, ornamentals; controls Colorado potato beetles, corn borers, ants, fire ants, beetles, caterpillars, worms, fleas, leafminers, spider mites, thrips, codling moth, Japanese beetles & more; 2 oz/1 gal water.

**\$22.99 / 16 oz      \$32.99 / 32 oz      \$117.99 / gallon**

**Surround Crop Protectant 25 lb. OMRI**

**Great for shielding crops from intense sun**

Made from Kaolin clay; a particle film barrier that protects fruits, veggies, & foliage but doesn't block light; use on fruit & veg. crops to suppress numerous types of insects; cover fruit & foliage before infestation for best results; 2cups/gal or 50lb/100 gal.

**\$44.99 / 25# Bag**

**Tree Banding Gum, Treekote 15 oz.**

**Great for trapping crawling insect pest on tree trunks or on garden plants**

A "sticky" gum used to help protect trees from crawling insect pests and the damage that they can cause, without using pesticides or other harmful chemicals. Provides an effective barrier against crawling insects such as gypsy moths, tent caterpillars, ants, obscure root and pecan weevils, tussock moth caterpillars, climbing cutworms and cankerworms, to name a few. U.V. stabilized to provide long lasting protection. Twice the holding strength of the best known brand on the market today. Can also be used in your garden to help protect vegetables from crawling insect pests without using chemicals.

**\$17.99 / 15 oz**

**Venerate CG Bioinsectide by Marrone 1 Qt. OMRI**

Can be used with Regalia and Grandevo as a complete integrated pest management program. The Marrone product line has strong efficacy among organic farmers, but has previously been available only in sizes and with pricing out of reach of small growers. No more – smaller sizes are now available! Venerate XC Bioinsecticide features multiple modes of action and is effective against a wide variety of chewing and sucking insects and mites. Additionally, Venerate XC helps reduce insect resistance. Novel modes of action will complement and improve integrated pest management (IPM) and insect resistance management (IRM) programs. For more info and application rates, visit [marronebio.com](http://marronebio.com).

**ACTIVE INGREDIENT:** *Burkholderia* spp. strain A396

**\$64.99 / 32 oz**

## ZeroTol HC Liquid Concentrate Gallon OMRI & NOP List

### Broad spectrum algacide, bacteriacide, fungicide

Use to suppress/control bacteria, algae, fungi, moss, slime molds, scum and mildew and the diseases and odors caused by these organisms. Can be applied to hard surfaces, tools and equipment (including hydroponics) as well as on plant surfaces and lawns and turf. For best effects, use before or at first sign of pest pressure. **Controls:** various mildews, leaf spots, botrytis, leaf blight, phytophthora, pythium, and more.

**ACTIVE INGREDIENT:** 5.34% Hydrogen Peroxide, 1.36% Peroxyacetic Acid

**\$54.95 / 1 gallon**

## Weed Control

**Corn Gluten Healthy Grow 30lb. (9-0-0)** – Great pre-emergent weed control (prevents seed germination) plus fertilizer; 10-20lb/1000 sq. ft.

**\$45.99 / Bag**

**EcoBlend Weed Control Concentrate** – Made in Pittsboro! Botanical based, natural herbicide that breaks down plant mass into beneficial nutrients; Dilute to make 1:1 to 1:4 depending on the heartiness of weeds.

**\$19.95 / ½ gal      \$120.00 / 2.5 gal Pro (1.5x conc.)    5 gallon / \$140.00**

**For 5 Gallon EcoBlend purchases:** You may bring back your empty container if in good condition for a credit of \$5.99 towards your next 5 gallon purchase.

## Ground Covers, Trellising, Staking

**Hortonova Trellis Netting** – Strong, polypropylene mesh with 6"x6" holes; This easy, cost effective trellising allows your plants greater exposure to sun and air. Install horizontally for cut flowers or vertically for climbing plants like beans, cucumbers, peas, peppers, tomatoes, and melons. We are currently stocking Hortonova in 36", 48", and 59" widths, but we can also order 42", 67" or 79"

**\$39.95 / 36"x328'**

**36"x3280' Rolls (SPECIAL ORDER)**

**\$49.95 / 48"x328'**

**48"x3280' Rolls (SPECIAL ORDER)**

**\$59.95 / 59"x328'**

**59"x3280' Rolls (SPECIAL ORDER)**

**GeoTex 601 Geotextile Fabric** – 6OZ Needle punch fabric stronger than ground cover as a more permanent water permeable weed barrier for farm roads, packing sheds, greenhouses, and other hardscapes. We stock the GeoTex 601 which is approved for Soil & Water cost share programs.

**12.5'x 360' / \$535.00**

**By the foot \$2.00**

**Landscape staples 6" - \$1.99/lb. or \$50 for box of 1000**

### Lumite Ground Cover

Durable, woven plastic that's great for weed control in row crops and greenhouse flooring. The 3' roll is perfect for rows and the 6' roll for patches. We can also get this in wider widths for greenhouses. Woven plastic allows for permeability and the durability allows for multiple uses. Burn holes with a propane torch for planting. Other widths can be custom ordered.

**\$68 / 3'x300'**

**\$89 / 4'x300'**

**\$148 / 6'x300'**

**\$289 / 12'x300'**



### Silage Tarps 5 mil tarp

UV stabilized with a 12 month guarantee, black on one side, white on the other. This silage tarp would be ideal for occultation as is described in *The Market Gardener* by Fortier. We stock the two sizes below, but can also order 32x100 and 60x200.

**\$256 / 32'x100' roll**

**\$125 / 24'x50' roll**

**\$285 / 40'x100' roll**

**\$166 / 32'x50' roll**

**\$345 / 50'x100' roll**

**Stakes** – Pricing below reflects bulk farmer bundles. Stakes can be purchased individually in store.

**3' Bamboo, Bundle of 500 - \$70**

**5' Bamboo, Bundle of 250 - \$110**

**4' Bamboo, Bundle of 250 - \$60**

**6' Bamboo, Bundle of 200 - \$110**

**1" Diameter x 6' Hardwood Stakes w/ pencil tip - \$62.50 / 25 bundle**

(call to inquire about additional discounts on pallet pricing of hardwood stakes or contact us early March to partner with us on a bulk order and/or explore other special order stake options)

**Veggie Trellis Clips 250/bag - \$6.50**

**500' Oiled Natural Sisal Twine - \$15.99**

**2100' Tytan Polypropylene Twine w/ Belt Loop Box - \$11.99**

## **Food Packaging Supplies – (photos available on website)**

**Egg Cartons**

**\$64 / Sleeve of 200 cartons**

**Green Pulp Berry Baskets**

**\$52.00 / Case of 500 PINTS**

**\$55.00 / Case of 250 QUARTS**

**Sun Sugar Kraft Produce Container** <https://sunsugarfarms.com/>

**1 quart (brown)**

(1 quart size, see picture to right)

**\$0.35 each**

**\$130 / Case of 500**

**2 quarts (reversible)**

(2 quart white/brown)

**\$0.60 each**

**\$120 / Case of 300**

**3 quarts (brown)**

**\$0.60 each**

**\$95 / Case of 235**



**Flat Box – Hold 6 Pulp Quarts \$2.75 each**

**30+ / \$2.25 each**

**Unwaxed 1 Layer Tomato Box \$2.75 each**

**30+ / \$2.25 each**

**Waxed Box 1/2 Bushel \$3.00 each**

**30+ / \$2.30 each**

**Waxed Box 3/4 Bushel \$3.45 each**

**Case of 25 / \$75.00**

**Produce Bags – Roll/1500 \$50.00 each**

**\$68 / Case of 4**

**Bags (space saving) – Roll/750 \$31.95 each**

**\$110 / Case of 4**

**U-Pick Gallon Hex Baskets \$2.50 each**

**\$1.70 / Case of 100**

## CRESBI Plastic collapsible, reusable crates!

<https://sunsugarfarms.com/product/convenience-crate-groceries/>

**\$23.99 each**

- Saves space by easily collapsing down into its rim.
- Saves your products since it keeps your items contained and the crates can stack on top of each other.
- Dimensions open: 15"W x 10"D x 8"H (38 cm x 25 cm x 20 cm)
- Dimensions collapsed: 15" W x 10"D x 1.75" H (38 cm x 25 cm x 4 cm)
- Weight w/strap: 1 pound 7 ounces (0.7 kg)
- Weight limit: 20 pounds (9 kg) – be sure to lock all 4 tabs on each short end.



**Bulb Crates** Traditional rigid black plastic bulb crates used for flower growers frequently repurposed for produce harvest and other farm storage!

**\$5.00 each**

## **Crop Covers and Accessories, Season Extension for Summer & Winter**

We can special order any % shade and any size for reasonable prices, especially if we can tack your order onto our warehouse orders and avoid additional freight. Custom orders can come with taped edges and grommets. Follow our newsletter for a custom shade cloth group order in the spring.

**Aluminet Shade Cloth**– This aluminum woven shade cloth offers more reflectivity and therefore cooler temperatures than traditional black shade cloth without sacrificing needed light transmission for plant growth. We've seen this in action on some of our customer's farms, and had to have it! It is especially popular stretched over high tunnels and greenhouses in the summer and better extends the life of your plastic through its increased reflectivity.

**14' wide, 50% - \$5.95 per foot \$539 per 100' roll**

**Black Knitted Shade Cloth** – Our in-stock shade cloth offers 40% shade and is knitted so it can be cut to size without raveling. It has rough cut sides (We can custom order taped edges and grommets).

**6' wide, 40% - \$1.75 per foot \$120 per 100' roll**

**12' wide, 40% - \$3.50 per foot \$240 per 100' roll**

**DIY Reusable Shade Cloth Grommets \$0.50 each**

**We special order  
custom sizes & specs!**

**We are the North Carolina Agribon dealer. Below are sizes and weights that we currently stock. We can also special order other sizes and custom cuts. Following our newsletter and coordinating your custom order with our fall stocking order will give you best pricing.**

**Agribon AG-19 Row Cover 0.55 oz** – Standard Grade, 85% Light Transmission, Used for insect and wind control as well as light frost, protection up to 4°F

<b>83" sold by the foot</b>	<b>\$0.30</b>	<b>10' x 250' roll</b>	<b>\$75.00</b>
<b>83" x 250' roll</b>	<b>\$59.00</b>	<b>10' x 1000' roll</b>	<b>\$279.00</b>
<b>83" x 1000' roll</b>	<b>\$198.00</b>		



**Tunnel Flex Retractable Low Tunnel System - 50' kit**

Dubois Agrinovation proudly presents its new retractable low tunnel system perfect for North American weather. It is simple, easy to set up, and the investment cost is 3 times less expensive than high tunnels. This system can be adapted to your productions. It includes hoops, clear thermal film perforated on both sides, and bungee elastics. The elastics allow to maintain the structure in place and to pull up or down the sides according to the type of microclimate that you need.

Check it out online @ [https://duboisag.com/us\\_en/tunnel-flex-retractable-low-tunnel-system-50-kit-bioplus.html#product-detailed](https://duboisag.com/us_en/tunnel-flex-retractable-low-tunnel-system-50-kit-bioplus.html#product-detailed)

**\$265.00 / kit** (includes 11 hoops, 2 anchor poles, clear 1.5mil film, bungees, steel stakes for anchoring hoops)

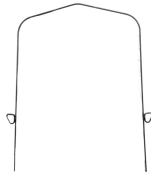


**Individual Tunnel Flex hoops 39.5" tall x 28" wide**

Individual Hoops for Tunnel Flex system. Could also be used for ProtekNet or row cover.

**Hooks are fixed to hoops for use with Bungee cord sold separately.**

**\$10.99 / hoop**



**Galvanized Anchor stake 18"**

Galvanized anchor steel stakes are used to anchor the Tunnel Flex system hoops to the ground and prevent gusts of high wind from blowing the system.

**\$3.50 / stake**

**Bungee by the Foot**

The 3/16" black & white polyester elastic is used for Tunnel Flex installation

**\$0.25 / foot**



**High Tunnel Supplies**

**Repins –** These are the red plastic pins with a loop at the top for easy insert and pull up of row cover fabric.  
**\$0.35 each                      \$11.99 Bag of 50**

**Greenhouse 6 Mil Repair Tape**

2" x 48'	\$14.99
4" x 48'	\$21.99
6" x 48'	\$26.99

**Wiggle Wire - 4'**                      **\$1.99 each    10% off case of 50**  
**Channel for Wiggle Wire – 8'**                      **\$10.25 each or 5% off 10 or more**

**Greenhouse Plastic – Now stocking limited quantities and sizes**

All of our plastic is 6 mil, UV stabilized, 4 year. Email [melinda@cfhsupply.com](mailto:melinda@cfhsupply.com) for special order info.

<b>In Stock :</b>	<b>10'x100' \$140</b>	<b>14'x100' \$172</b>	<b>24'x100' \$293</b>
	<b>28'x100' \$343</b>	<b>32'x100' \$393</b>	<b>42'x100' \$489</b>
	<b>48'x100' \$539</b>		

## **Growing Mediums**

**Black Gold Organic Compost by Sungro 1 cu. ft. (OMRI)** – This compost blend offers a mixture of peat moss and aged compost to improve soil moisture retention, aeration, and drainage. Made from peat moss, aged compost from dairy manure, greenwaste, and bark.

**\$8.50 / Bag \$8.10 / 10+ Bags**

**BioChar and Compost Blend, Wakefield HERO**– Compost HERO biochar blend is made with premium Wakefield BioChar, organic compost and mycorrhizal fungi to create a superior soil conditioner. The recipe starts with our 20% premium biochar. Vegetable Gardens & Flower Beds: Mix 1/2 inch BioChar Source into top 4-6 inches of soil, seed, and water in. Potted Plants: Mix BioChar Source in at 10-20% (by Vol.) of your potting soil. Vegetable & Flower Transplants: Add a 1/2-1 inch layer of BioChar Source to the transplant hole and mix with existing soil. Turfgrass: Add 1/2 inch of BioChar Source prior to seeding or laying down sod. Work into 4-6 inches of existing soil. Add seed, rake and water thoroughly.

**\$16.00 / 1 cu. ft. bag \$15.20 / 10+ bags**

### **Coast of Maine, Organic Soils, Soil Mixes & Conditioners:**

Simplify your growing with Coast of Maine soils blends, composts and conditioners. These natural soil and compost formulas have been fine-tuned over 25 years to encourage healthy soil biology and give your plants the support they need for big blooms and bountiful harvests.

**Coast of Maine, Bar Harbor Potting Soil 2 cu. ft (OMRI)** – This lightweight soil mixture is made with salmon, blueberry, lobster and other composts, as well as calcium and chitin-rich lobster shells, sphagnum peat, perlite and kelp meal. It is dark brown in color and provides the perfect balance between water retention and drainage needed for healthy plants. Media is fine enough to use in small cell seeding applications. Available in totes if coordinated with store orders.

**\$17.95 / Bag \$17.05 / 10+ Bags \$15.85 / Bag Pallet of 48**

**Coast of Maine, Cape Neddick Houseplant Potting Soil (OMRI)** – This blend is specially formulated for indoor houseplants and flowers using coarse coconut coir, perlite, sphagnum peat moss, and aged bark to optimize drainage and aeration for robust root development. Whether you are growing peace lilies, spider plants, philodendrons, monstera, or other popular or exotic houseplants, this unique compost-free blend provides the optimum structure and benefits for nurturing strong, beautiful indoor plants and flowers.

**8 quart\_ \$7.99/ Bag**

**16 quart\_ \$13.99 / Bag**

**Coast of Maine, Lobster Compost 1 cu. ft (OMRI)** – Coast of Maine Organic Products Quoddy Blend Lobster Compost is made with chitin and calcium-rich lobster shells, compost and sphagnum peat moss. It is a dark-brown, complex soil filled with naturally occurring microorganisms all plants need for healthy growth. It drains well and is an ideal soil conditioner for existing beds that need reinvigorating. High calcium content makes this a great amendment for tomato and pepper beds! High chitin levels make this a natural pest deterrent – given that chitin releases an enzyme in the soil that can serve as an insect repellent. Available in totes if coordinated with store orders.

**\$10.95 / Bag \$10.40 / 10+ Bags \$9.50 / Bag Pallet of 80**

**Coast of Maine, Raised Bed Mix 2 cu. ft (OMRI)** – This rich and diverse soil grows big and healthy vegetables, herbs and flowers. It is made with a mixture of manure compost, worm castings, lobster and kelp meals, mycorrhizae, greensand and biochar. It is ready to use straight out of the bag with no need for additional components or tilling. Great for raised beds, planter boxes, and container gardens and should provide season long fertility without need for supplemental feeding. Available in totes if coordinated with store orders.

**\$17.95 / Bag \$17.05 / 10+ Bags \$15.50 / Bag Pallet of 48**

### **Coast of Maine, Sprout Island Seed Starter 2 cu. ft OMRI**

A rich mixture of blended sphagnum peat moss, perlite, kelp meal, worm castings and well-aged compost. It contains mycorrhizae and is ready to use in cell packs\* or flats and provides natural moisture retention and aeration. It has a mild organic fertilizer charge that creates a biologically diverse environment ideal for germinating seeds and root cuttings. \*Recommended for 72 cell or larger.

**\$22.95 / Bag      \$21.81 / 10+ Bags      \$19.99 / Bag Pallet of 48**  
**\$9.99 / 16 Quart Bag for Small Gardeners**

**Coast of Maine, Stonington Blend Soil 1.5 cu. ft (OMRI) –** Stonington Blend™ is a rich mixture of horticultural grade sphagnum peat, cocoa fiber (coir), lobster compost, composted dark bark, dehydrated hen manure, perlite, worm castings and a mixture of meals (kelp, alfalfa, fish bone), mycorrhizae and dolomitic limestone to adjust pH. Stonington Blend™ is carefully formulated from natural ingredients to provide an ideal balance between water retention, soil texture, drainage and aeration in a consistent growing medium. This is a “just add water” soil mix, and is extremely popular among indoor cannabis growers.

**\$28.95 / Bag      \$27.50 / 10+ Bags      \$24.99 / Bag Pallet of 60**

**Cocoa Shell Mulch, Hull Farm (1 cu. ft. bag) –** It’s hard to get some chocolate when you’re a plant. Hook your perennials up! Cocoa mulch is made from discarded shells of the cocoa bean pods after they are roasted in the process of making chocolate. These make a fantastic mulch that last longer, has some fertility ( 2.5 – 1 – 3 ) and supports the growth of mycelial networks in perennial spaces. Coarser chips, a pH of 5.8 and slower to break down than other mulches make cocoa mulch suitable for most perennial spaces .

**\$21.50 / Bag      \$20.43 / 10+ Bags      Inquire about pallet pricing**

**Coconut Choir Block, Seven Springs -** Coconut Coir is a natural fiber made from coconut husks and is a renewable resource alternative to peat moss. The extraction of the coconut fiber husks results in a by-product called coco pith or coco coir. Coconut Coir is a 100% natural growing medium and is triple soaked by monsoon rains for 18 months while on the ground and dried in the sun to Ultra Super Wash™ the coconut fiber to ensure salt content is below 0.3-0.5mS/m and a pH of 6.0-6.5. This makes an excellent growing medium for hydroponics or container plant growing. The red color of the coconut pith block hints at product maturity.

**\$15.95 / block      \$15.15 / 10+ Bags      Inquire about pallet pricing**

**Fafard Organic Potting Mix 40qt. (OMRI) -** Canadian sphagnum peat moss, aged pine bark, perlite, vermiculite, dolomitic limestone, gypsum, and all natural Perdue® organic fertilizer with no synthetic materials such as pesticides, chemical fertilizers, or water conditioners.

**\$8.50 / Bag      \$8.08 / 10+ Bags**

### **Daddy Petes Products From Stony Point, North Carolina:**

We are proud to now carry a more local choice in manures and soils, coming straight from a family farm in NC. We currently carry the following products in the Daddy Petes line, but let us know if you'd like us to add to the selection. Check with your certifier! Many Daddy Petes products are approved for organic production.

<b>Cow Manure 50#</b>	<b>\$5.99/ bag</b>	<b>\$5.69/ 10+</b>	<b>\$5.39 / Pallet of 45</b>
<b>Kickin Chicken 40#</b>	<b>\$6.99/ bag</b>	<b>\$6.64/ 10+</b>	<b>\$6.29 / Pallet of 50</b>
<b>Mushroom Compost 25 qt</b>	<b>\$5.49/ bag</b>	<b>\$5.22/ 10+</b>	<b>\$4.94 / Pallet of 80</b>
<b>Planting Soil 1.5 cu ft</b>	<b>\$7.50/ bag</b>	<b>\$7.13/ 10+</b>	<b>\$6.75 / Pallet of 50</b>
<b>Potting Soil 2 cu ft</b>	<b>\$10.99/bag</b>	<b>\$10.44/10+</b>	<b>\$9.89 / Pallet of 45</b>
<b>Soil Enhancer 2 cu ft</b>	<b>\$6.99/ bag</b>	<b>\$6.64/ 10+</b>	<b>\$6.29 / Pallet of 45</b>

## **Foxfarm Soils, Soil Mixes & Conditioners:**

Foxfarm's line of complete soils and soil enhancers consistently perform well in all kinds applications and help you succeed in whatever you're growing. Their commitment to quality nutritionally balanced soils allow you to cut the bag, fill the pot and get on with growing anything your heart desires.

**Foxfarm, Bush Doctor Coco Loco Coconut Coir Potting Soil** 2 cu ft. – Coco Loco contains triple washed coconut coir to ensure that additional salts are not a concern in your plant production. This mix requires less watering than other mixes and is suitable for transplant production, potted plants, hanging baskets and vertical gardening. This mix is primarily coir, aged forest products, perlite and amended with worm castings, bat guano, kelp meal, oyster shell, dolomitic lime and topped off with a dose Mycorrhizal inoculant containing 15 different strains.

**\$18.99 / Bag      \$18.04 / 10+ Bags      \$15.99 / Bag for Pallet of 48**

**Foxfarm, Happy Frog Potting Soil** 2 cu ft. – A planting mix alive with beneficial microbes and fungi that help break down organic matter and feed plant roots. This is the only planting mix we've seen that has an ingredient panel listing the species and quantities of each of the bacteria and mycorrhizal fungi colonies in the mix. Happy Frog also includes composted forest humus, peat moss, perlite, worm castings, bat guano, humic acid, oyster shell, and dolomitic lime.

**\$15.99 / Bag      \$15.19 / 10+ Bags      \$12.99 / Bag for Pallet of 60**

**Foxfarm, Happy Frog Soil Conditioner** 1.5 cu ft. – Use this blend to amend vegetable garden beds, roses, established perennial plantings, fruit trees, herb gardens or any other space that could use some love. Made of aged forest products and amended with worm castings, bat guano, oyster shell, dolomitic lime, humic acids 15 different strains of mycorrhizal fungi.

**10.49 / Bag      \$9.97 / 10+ Bags      \$8.99 / Bag for Pallet of 75**

**Foxfarm, Ocean Forest Potting Soil** 1.5 cu ft. – Similar to Happy Frog, but extra enriched with fish and crab meals, this potting mix will make even the brownest thumbs turn green!

**\$15.99 / Bag      \$15.19 / 10+ Bags      \$12.99 / Bag for Pallet of 75**

**CLOSEOUT** *Future availability will be special order pallet quantities only*

**Foxfarm, Strawberry Fields Fruit & Flower Potting Soil** 1.5 cu ft. – Similar to Happy Frog and Ocean Forest, but enriched with organic fertility specific to growing fruits and flowers. There is more phosphorous and potassium in these bags that will give plants a longer window of feeding.

**\$12.00 / Bag      UNTIL IT'S GONE...No other discounts apply to closeouts**

**Malibu Compost Bu's Blend Biodynamic Compost** 1 cu ft. Demeter, WSDA, CDFA Organic Valley dairy cow manure, straw, vineyard wood chips, and biodynamic concentrations of yarrow, chamomile, valerian, stinging nettle, dandelion, and oak bark. Hand-crafted from a base of dairy cow manure, laid in windrows to mature and treated with biodynamic preparations. The effects of these biodynamic preparations used in biodynamic compost have been scientifically proven to enhance the flavor, nutritional value and keeping qualities of produce while eliminating the need for pesticides, fertilizers, and other man-made soil steroids.

**\$35.99 / Bag      \$34.19 / 10+ Bags**

**Sunshine Natural & Organic PROFESSIONAL GROWER Mix w/ 5% Worm Castings**

- 2.8 cu.ft. OMRI University formulated mix containing Canadian sphagnum peat moss, perlite, dolomite lime and yucca extract as an organic wetting agent. Sungro has just started blending worm castings into this standard mix to provide added nutrition and biology. Product available in our store as of fall 2019 has the worm castings added. There will be a slight period of transition. If in doubt about which bag you get, ask a staff member.

**\$21.50 / Bag      \$20.42 / 10+ Bags      \$17.00 / pallet of 51 Bags**

**Peat Moss** 3.8cuft compressed bale OMRI –100% Canadian sphagnum peat moss, ideal for starting seed, raised beds, and soil conditioning.

**\$33.95 / Bag      \$32.25 / 10+ Bags**

**Perlite** (asbestos free) Good for potting mixes; used to improve drainage

**8 quart \$9.49 / Bag**

**4 cu. ft. \$24.99 / Bag      \$23.74 / 10+ Bags**

**Permatil** 40lb bag. Permatil is a kiln fired slate product that expands the slate to provide pore space. When incorporated into heavy compacted soils, permatil creates much needed pore space for roots, oxygen, and water, improving your plant's growth. Permatil also creates a undiggable barrier, keeping voles away from your garden spaces. Once incorporated into the soil, permatil does not break down and does not need to be reapplied.

**\$15.49 / Bag**

**\$14.72 / 10+ Bags**

**DOMESTIC!!! Rice Hulls** 50 lb. (size of a large cube containing ~7 cubic feet) OMRI

This parboiled rice hull is a renewable resource that is a good alternative to perlite and vermiculite which come from overseas and are becoming harder to source. It is also less dusty. Parboiled rice hulls have a pH near neutral to slightly alkaline. However, because of their low cation-exchange capacity, they have little effect of the substrate pH.

**\$24.00 / Bag**

**\$22.80 / 10+ Bags**

**Vermiculite, Coarse** 4 cu. ft. (asbestos free) This is the vermiculite most commonly used in square foot gardening because it tends to hold up longer in the soil than medium grade.

**\$31.95 / Bag**

**\$30.35 / 10+ Bags**

**Fine Grade Vermiculite** (asbestos free) Good alternative for smaller containers and seed starting mixes.

**8 quart \$9.49 / bag**

**4 cu. ft. \$24.99 / bag      \$23.70 / 10+ Bags**

**Vermont Compost Fort Vee & Fort Light** 60qt bags Approved for Organic Certified Farms – Tried and true manure-based organic soils for seed starting and potting up. With plenty of lead time, we can also source 2 cu. ft. totes, other products in the Vermont Compost line, and offer discounts on pallet quantities of bagged material. Reach out to [melinda@cfhsupply.com](mailto:melinda@cfhsupply.com) for details.

**\$47 / Bag    2 cu. yard tote \$785.00 for special orders    Ask about our fall truck!**

**WormGanic Worm Castings** 1 cu. ft. bag - These castings are derived from worms fed an organic corn silage diet on peat moss bedding. High in organic matter, worm castings will enhance any soil or soilless media with increased water holding capacity, increased biological activity and improved soil structure. This particular 'vegetarian' worm casting product does not have the same micronutrient levels as manure-based castings. It offers an affordable bulk option, but if you have specific micronutrient needs, we recommend blending in some powdered Azomite, Kelp meal, Alfalfa meal or other liquid fertility amendments to make up the difference.

For lawn treatments, use 1 bag (1 cu. ft) per 1000 sq. ft.

**\$15.99 / 1 cubic foot bag**



## Seeding Trays and Accessories

	<b>1020: Standard Web Tray</b>	1-9	\$0.95 / tray
		10+	\$0.75 / tray
		50 pack	\$28.00 / case
	<b>1020: Standard NCR Tray:</b> W/ or W/O drainage holes	1-9	\$1.95 / tray
		10+	\$1.85 / tray
		100 pack	\$139.00 / case
	<b>1020: Quad Thick Tray, Black:</b> Like the NCR Tray except way more durable and super sturdy.	1-9	\$5.99 / tray
		10+	\$5.69 / tray
		25 pack	\$130 / case
	<b>1020: Mega Tray, (Colored) by SUNPACK:</b> Colorful trays like the Quad Thick trays with reinforced corners and rims for more durability and longer useful life than standard NCR trays	\$9.95 / tray	
 <p>1204 1206 606</p>	<b>1020: Inserts for Seed Starting,</b> <ul style="list-style-type: none"> <li>• 1204 - 12 perforated 4-packs</li> <li>• 1206 - 12 perforated 6-packs</li> <li>• 606s - 6 perforated 6-packs</li> </ul>	1-9	\$1.20 / tray
		10+	\$1.14 / tray
		100 pack	\$75.00 / case
	<b>1020: Insert for Microgreens</b> <ul style="list-style-type: none"> <li>• 801 – This style insert contains 8 larger perforated trays for microgreens, sprouts or transplants</li> </ul>	1-9	\$1.20 / tray
		10+	\$1.14 / tray
		100 pack	\$77.50 / case
	<b>128 Cell plug tray</b> – This is a complete tray that makes square plugs, not perforated like our others.	1-9	\$2.25 / tray
		10+	\$1.80 / tray
		100 pack	\$159.00 / case
	<b>10 Row tray</b> – This tray is used for densely sowing lots of seed in one small space with limited media and then quickly potting up into inserts.	\$3.10 / tray	
	<b>3.5" pots</b> – 3.5" diameter square pots (commonly considered a 4" pot).	Per pot	\$0.20 / pot
		450 pack	\$60.00 / case

	<b>3.5" pot trays</b> – Trays for 3.5" diameter square pots (above) – 18 pots per tray.	<b>Per tray</b>	<b>\$2.10 / tray</b>
		<b>50 pack</b>	<b>\$82.00 / case</b>
	<b>4.5" tall square pots</b> – larger 4.5" square pots, 1 quart capacity	<b>Per pot</b>	<b>\$0.30 / pot</b>
		<b>375 pack</b>	<b>\$90.00 / pot</b>
	<b>4.5" pot trays</b> – Trays for 4.5" diameter square pots (above) – 12 pots per tray.	<b>Per tray</b>	<b>\$2.50 / tray</b>
		<b>100 pack</b>	<b>\$160.00 / case</b>
	<b>1 Gallon Pots, black</b> – Cylindrical planting pots for nursery work, same as what you purchase plants from nursery in.	<b>Per pot</b>	<b>\$0.95 / pot</b>
		<b>100 pack</b>	<b>\$65.00 / case</b>
	<b>2 Gallon Pots, black</b> – Cylindrical planting pots for nursery work, same as what you purchase plants from nursery in.	<b>Per pot</b>	<b>\$1.50 / pot</b>
		<b>105 pack</b>	<b>\$125.00 / case</b>
	<b>Microgreen Tray, Black</b> – <ul style="list-style-type: none"> <li>SOLID TRAYS (no drain holes);</li> <li>DRAINAGE TRAYS (with drainage slits)</li> </ul>	<b>Per tray</b>	<b>\$4.25 / tray</b>
		<b>50 pack</b>	<b>\$180.00 / case</b>
	<b>Microgreen Tray, Multi-colored by SUNPACK, (SOLID TRAYS, 1" deep)</b> – Colorful 1" tall, very sturdy, and color coded for organizing your seed dates or crops. Intended for microgreen production. They also work well for soil block production, general use plant trays or bottom watering.	<b>White tray</b>	<b>\$6.95 / tray</b>
		<b>Blue, Green, Lime Green, Magenta, Yellow</b>	<b>\$7.95 / tray</b>
	<b>Microgreen Tray, 1" Screened Drainage Bottom Tray</b> – Sturdy, all-plastic screened trays are perfect for soil block transplant production, microgreen production, wheatgrass production or fodder trays.	<b>\$7.95 / tray</b>	
	<b>Domes</b> – Create your own mini greenhouse right over your seeding trays. Taller domes are especially useful with microgreens.	<b>\$2.70 / 2" dome</b>	<b>\$85.00 / 2" Case of 50</b>
		<b>\$7.25 / 7" dome</b>	<b>\$155 / 7" Case of 25</b>
	<b>Heat Mats</b> – Get a start on your seed by setting your trays on a heat mat.	<b>10"x20" (single tray)</b>	<b>\$36.99</b>
		<b>2 tray mat</b>	<b>\$44.95</b>
		<b>4 tray mat</b>	<b>\$74.95</b>

## Cool Season Cover Crops

All of our cover crop seed is Non GMO. When possible, we stock organic certified options. The list below is most applicable for crop producers. For a complete list of our annual cover crops and perennial forages as well as pricing, see our website and click on the link for [Cool Season Seed Pricing](#).

**Austrian Winter Peas** – Fixes 70-125lb Nitrogen/acre; sow 2-3 lb/1000 sq.ft. or 70-120lb/acre; early to mid-fall – We typically stock untreated seed as well as a small amount of organic certified. You may need to special order if you want 50lbs. or more of organic certified seed.

**Barley** – Plant in fall, Great for goat forage and cover crop, Broadcast at 140lb. per acre or 3lb. per 1000 sq. ft. – We typically stock organic certified seed.

**Chicory** – Sow 3-4# to the acre in either Spring or Fall to enhance wildlife forage plots. Once established chicory can produce forage for several years and boasts as much protein as some legumes in feed value. Seed is treated with 'yellow jacket' seed-starter, a plant hormonal germination enhancer.

**Clover, Crimson** – Fixes 80lb Nitrogen/acre; sow 1/2-2lb/1000 sq. ft. or 20-40lb/acre; cold/shade tolerant. We stock uncoated/untreated conventional crimson clover seed.

**Clover, Medium Red** – Perennial legume used to rest & rebuild soil; sow 4-6oz/1000 sq. ft. or 10-15lb/acre; plant early spring or late summer. We stock uncoated seed. We can special order organic red clover, but as of yet have not had enough demand to keep it stocked.

**Clover, Ladino (White)** – Tall growing perennial clover; provides 100lb. nitrogen/acre when plowed in; sow 9lb/acre or 2-5lb/acre w/ other grasses. We stock uncoated seed. To the best of our knowledge, organic certified seed is unavailable.

**Clover, Dutch White** – Low growing perennial clover great for isle ways, lawns, and cover crop; sow 2-5lbs./acre with other seed or 9 lbs./acre on its own; provides 100lb. nitrogen/acre when plowed in. We stock uncoated seed. To the best of our knowledge, organic certified seed is unavailable.

**Hairy Vetch** – Extremely winter hardy and best legume for nitrogen fixation! Matures late spring, so choose hairy vetch when you are planting late spring crops (April / May). Sow 30-40lb/acre or 25lb/acre w/rye; fall. We typically stock untreated and organic certified seed.

**Kale, Smooth/Spring** – Sow in either Spring or Fall for tasty, tender young leaves. Fall-seeded plots are moderately winter hardy and may continue to yield throughout winter if conditions are mild; severe cold may take out some plants. Sow 12# to the acre or 1/2# per 1,000 ft. sq. for wildlife/forage plots.

**Oats** – 2.5lb/1000 sq.ft. or 100lb. per acre when sown alone. 1.2lb./1000 sq.ft or 50lb./acre when sown with a legume. We typically stock untreated and organic certified seed.

**Tillage Radish** – A brassica excellent at breaking up compacted soil & scavenging leached nitrate; produces biotoxins that help control soilborne pests and pathogens; provides weed control & may be mixed with winter grains; Sow at a depth of 1/4 - 1/2"; broadcast at 12-15 lbs./acre. We typically stock untreated seed and special order organic certified seed for those who need it.

**Rape** – Sow 8 lb/acre. An excellent brassica cover crop for sowing when you need to follow with an early spring crop. We stock untreated seed. To the best of our knowledge, organic certified seed is unavailable.

**Winter Rye Grain** – Sow 2.5lb/1000 sq. ft or 100lb/acre alone; 1.2lb/1000 sq. ft. or 50-60lb/acre when sown w/ a winter legume. We typically stock untreated and organic certified seed. Fall 2015 varieties include 'Abruzzi' & 'Rhymin' rye.

**Winter Wheat** – 120lb./acre; winter or spring. We typically stock untreated and organic certified seed.

## Warm Season Cover Crops

All of our cover crop seed is Non GMO. When possible, we also stock organic certified seed options. The list of seed below we feel is most applicable for crop producers. For a complete list of our annual cover crops and perennial forages as well as pricing, see our website and click on the link for [Warm Season Seed Pricing](#).

**Buckwheat** –Great early maturing cover crop and great for bees! Sow 3lb./1000 sq. ft. or 130lb./acre. We typically stock untreated and organic certified seed.

**Millet, Browntop** - 25lb per acre – This millet has many uses including wildlife forage plots, hay, seed production and erosion control. Browntop will grow 2-3 feet tall and produce seed in 50-60 days. Tolerant of drought, poor soil and able to withstand flooding (water fowl habitat &/or hunting).

**Millet, Japanese** - 25lb per acre – Low growing grass cover that can be easily mowed. Good for temporary summer control of soil erosion if disrupting land. We stock untreated seed. To the best of our knowledge, organic certified seed is unavailable.

**Millet, Pearl** - 25lb per acre – A preferred summer grass cover for growers because of the large amount of biomass it produces. Typically pearl millet is sown with cowpeas for a complete cover. We have had a difficult time in recent years sourcing an untreated pearl millet. Most pearl millet seed comes treated with a fungicide. Check with us in the summer months to see if we've been able to source untreated seed. To the best of our knowledge, organic certified seed is unavailable.

**Cowpea**– Great summer legume! Sow at 4lb. per 1000 sq. feet or broadcast at 90 lb. per acre. We typically stock untreated seed. To the best of our knowledge, organic certified seed is unavailable. Current varieties on hand include IRON & CLAY and PINK EYE PURPLE HULL (Summer 2015).

**Sorghum Sudangrass** – Plant at 1/2"-1" depth; 10-20 lbs/acre in rows or 25-35lbs./acre drilled or broadcast. This plant produces a fantastic amount of biomass. You will need to mow a couple of times to control or it will be nearly impossible to take down later. We stock untreated seed. To the best of our knowledge, organic certified seed is unavailable.

**Sunflower, Perodovik** 25lb per acre – This is a black oil sunflower, field variety. Sow at 8 lbs. per acre. We stock untreated seed. To the best of our knowledge, organic certified seed is unavailable.







**SunnHemp** 15-20lb per acre – Tall, quick growing, vigorous drought tolerant annual legume with tremendous biomass and nitrogen fixing potential. Use Guard-N inoculant with this seed to fix nitrogen. To the best of our knowledge, organic certified seed is unavailable.






### 1/2" Line Fittings

#9467		Adapter Connects Regulator to 17mm	<b>\$2.15</b>
#9472		Tee for 17mm	<b>\$3.50</b> Bulk bag of 25 for \$70
#9473		Elbow for 17mm	<b>\$2.50</b> Bulk bag of 25 for \$50
#9471		Coupling for 17mm	<b>\$0.95</b> Bulk bag of 25 for \$24
#9469		Shut Off In-Line Valve for 17mm line	<b>\$2.75</b> Bulk bag of 50 for \$120
#11899		Shut Off Valve for 17mm Line – Connects Line to Header	<b>\$2.25</b> Bulk bag of 50 for \$95
#9474		Adapter Connects 17mm Drip to Header	<b>\$1.65</b> Bulk bag of 50 for \$45
#9465		17mm Adapter for Flushing End Cap	<b>\$1.59</b> Bulk bag of 25 for \$37
#9466		Flushing End Cap	<b>\$1.95</b> Bulk bag of 50 for \$85
#9464		Figure Eight Closure 17mm	<b>\$0.40</b>

### 3/4" Line Fittings

#9441		35 PSI Pressure Regulator 3/4"	<b>\$11.99</b>
#9481		3/4" Adapter for Pressure Regulator	<b>\$3.65</b>
#9470		Shut Off Valve for 3/4" Header	<b>\$4.25</b>
#10570		Coupling for 3/4" Line	<b>\$3.25</b>
#9475		Tee for 3/4" Header	<b>\$4.50</b>
#9818		Elbow for 3/4" Header Line	<b>\$4.50</b>





### 3/4" Line Fittings Continued

#9466		Flushing End Cap	<b>\$1.95</b>
#9479		3/4" Adapter for Flushing End Cap	<b>\$3.25</b>
#9476		3/4" Figure Eight Line Closure	<b>\$0.50</b>

### 1" Line Fittings

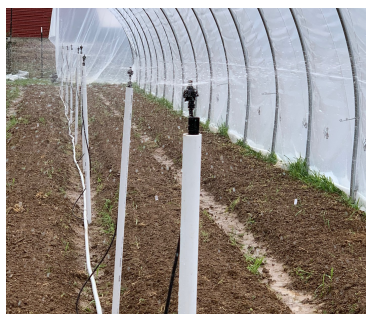
9484		35 PSI Pressure Regulator 1" – use with larger filters and header systems	<b>\$13.95</b>
9490		Insert Tee for 1" Header	<b>\$4.50</b>
10573		Insert Elbow for 1" Line	<b>\$3.50</b>
10572		Insert Coupling for 1" Line	<b>\$2.50</b>
10575		3/4" Female Hose Thread to 1" Powerloc Adapter	<b>\$7.50</b>
10574		1" Male Thread to 1" Powerloc Adapter	<b>\$1.95</b>
10577		1" Glue to PVC to 1" Powerloc Adapter	<b>\$1.50</b>
10576		3/4" Male Thread to 1" Powerloc Adapter	<b>\$2.65</b>
19937		1" Figure Eight Line Closure	<b>\$0.50</b>

### Micro Fittings

#9452		Sprinkler Stake for Spaghetti Tubing	<b>\$0.25</b> Bulk bag of 25 for \$5.00
#9436		0.5 GPH Dripper/Emitter	<b>\$0.40</b> Bulk bag of 100 for \$30
#9437		1.0 GPH Dripper/Emitter	<b>\$0.40</b> Bulk bag of 100 for \$30
#9451		Plug for Female Adapter	<b>\$0.13</b>

### Micro Fittings / Misters / Sprinklers / Wobblers Continued







#9486		Male Adapter for Micro Tubing	<b>\$0.20</b> Bulk bag of 100 for \$16
#9450		Female Barb for Micro Tubing	<b>\$0.20</b> Bulk bag of 100 for \$18
#17446		1/4" Barbed Coupling for Micro Tubing/Drip	<b>\$0.20</b>
#008		1/4" Elbows and Tees	<b>\$0.30</b>
#9487		Shut Off Valve for Micro Tubing	<b>\$0.75</b>
#9454		Purple/Green Misting Sprinkler for Seed Germination	<b>\$0.95</b>
#22045		Mini Compact Sprinkler, 16' Spray Pattern Space 8' apart, can hang or mount on risers	<b>\$1.20</b>
#22044		Non Drip Valve, opens at 21.7 psi Used on hanging sprinklers to prevent drip	<b>\$1.20</b>
#19803		Sprinkler Weight for Suspending Misters – Snaps Onto Tubing.	<b>\$0.70</b>
#9456		Mister / Sprinkler Stake (Black)	<b>\$0.65</b>
#19800		Wobbler – Uses 18" Stake for adapting to 1/2" PVC riser – 10-12' spacing	<b>\$2.95</b>
#19804		Large Black Clip Stake 18" for Wobblers Can be inserted on 1/2" PVC risers	<b>\$1.25</b>
#19797		Micro Sprayer – 6-8' spacing, larger droplet spray pattern than mister, can be on riser	<b>\$0.80</b>



*New wobblers in action  
Courtesy of Emily Fuller, Heart Song Farm*



### Repairs & Miscellaneous

#19801		Key Tool – all purpose tool for irrigation assembly & dismantling	<b>\$4.75</b>
#18515		Hose Clamps for 1" – 1¾" line	<b>\$1.50</b>
#9443		Goof Plug ¼" (Small) – Pack of 10	<b>\$0.70</b>
#9444		Goof Plug Large	<b>\$0.65</b> Bulk bag of 50 for \$27
#13673		Teflon Tape for Sealing Threads	<b>\$4.50</b>
#9819		Backflow Preventer	<b>\$6.25</b>

This list represents the basics of what we most commonly stock for irrigation. We also have several other irrigation supplies not listed here (i.e.. timers, fertigaters, hose fittings, tools, etc.) We routinely special-order other sizes of tubing, tape, parts, etc.

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