



# CLOVERLAND AG SERVICE LLC

6330 Township Road 309, Millersburg, Ohio 44654 Call 330-231-4484

WAREHOUSE Facility at 7422 County Road 201 Millersburg, Ohio 44654 (Pick-up by Appointment Only)

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*"We strive to provide personal, honest, and caring customer service."*

**PLEASE SAVE ME OR SHARE ME - PLEASE DO NOT THROW ME!**

Dear Friends,

Another farming year is before us. Here at Cloverland Ag Service LLC, we are pleased to offer the following new additions:

**PRICING-** By customer request, our prices now include all shipping costs to our warehouse. It is felt that this better reflects our seed prices. Please consider the listed prices as FOB Cloverland Ag Service, LLC Warehouse. We will continue to make local seed deliveries without fee.

**MASTERSCHOICE SEED CORN-** as an introductory offer, we will offer Masters Choice Corn Seed at the September Pre-Pay Discount Rate of \$12 off per bag until February 28, 2018.

**ORGANIC CRIMSON CLOVER-** it appears that we will have Organic Crimson Clover this year. Order Early!

**NATURE SAFE ORGANIC FERTILIZER-** An exciting addition to the Nature Safe line of OMRI Listed Organic Fertilizers is an OMRI Listed organic 15-1-1 soluble foliar fertilizer. OMRI Listed, slow release, pelleted, organic 13-0-0 fertilizer continues to be a popular choice for our organic corn farmers.

We hope you have a blessed and fruitful growing season,  
Kevin and Sue Hennis

## CLOVERLAND AG SERVICE LLC CERTIFIED ORGANIC SEED FOR SPRING 2018 PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Seed Distributors for:

Albert Lea Seed Blue River Organic Seed DKG Seed Farms, LLC French's Spelt Seed  
MastersChoice Prairie Hybrids Welter Seed & Honey Company

**ORGANIC ALFALFA—Order Early! While Supply Lasts! Preinoculated!**

DRI=Disease Resistance Index-- the higher the rating, the more resistant the alfalfa.

WSI=Winter Survival Index of 1-6—the lower the rating, the more winter-hardy the alfalfa.

FD=Fall Dormancy—the lower the number, the earlier the alfalfa goes into dormancy, thus protecting it from cold climate winters. The higher the number, the later the alfalfa will grow into the fall.

<b>ORGANIC VIKING 3800 BRAND ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) A very high-yielding alfalfa with fast recovery—deep crown set, can withstand mild to moderate grazing and hoof traffic. DRI 29/30 WSI 2.3 FD 4.0	\$283/50#
<b>ORGANIC WS LEAFGUARD BRAND ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) An excellent potato leaf hopper resistant alfalfa with exceptional forage quality and good winter hardiness. DRI 29/30 WSI 2.7 FD 3.5	\$293/50#
<b>ORGANIC MULTILEAF ALFALFA</b> Excellent, leafy multi-foliolate alfalfa with high relative feed value for milk and livestock production and a great choice for the haymaker looking for high tonnage and high quality hay. DRI 27/30 WSI 2.1 FD 4 One of the top alfalfas in Canadian trials. \$293/50#	\$293/50#
<b>ORGANIC ALLSTAR BRAND ALFALFA</b> Improved, leafy alfalfa with excellent yields and longevity. Allstar is fine-leafed and offers very fast recovery after cutting. DRI 27/30 WSI 2 FD 3	\$273/50#
<b>ORGANIC 4241 CREEPING ALFALFA</b> Superior creeping alfalfa that is very persistent—excellent for grazing. DRI 25/30 WSI 2 FD 2	\$288/50#
<b>ORGANIC VIKING 340M BRAND ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) Multi-leaf alfalfa with very good yields and quick recovery in a 3-cut system. Good choice for all classes of livestock. DRI 27/30 WSI 2 FD 3	\$263/50#
<b>ORGANIC APPALOOSA BRAND ALFALFA</b> Inoculated with Pre-Vail™ Very high yielding low crown set alfalfa blend. Excellent quality with high leaf to stem ratio. Excellent for haying or grazing. DRI 25/30 WSI 2.2 FD 2.8	\$243/50#
<b>ORGANIC CHARGER BRAND ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) Fast establishment and fast recovery after cutting. Excellent choice for 1 to 2 year hay rotation. Flemish variety. Good for plowdown. DRI Limited WSI 2.2 FD 2.0	\$223/50#
<b>ORGANIC HARDY BRAND ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) Good fit for short haying rotations on heavy soil or long rotations on drier ground. Good inexpensive plowdown. Avoid wet soil. DRI 11/30 WSI 2.2 FD 2.0	\$213/50#
<b>ORGANIC NITROGEN BRAND ALFALFA</b> Inoculated with Nitragin Gold (High Fall Dormancy) Alfalfa bred for a maximum 1-year biomass and nitrogen production. Best used as a single-season plowdown or hay production. FD 9	\$273/50#
<b>ORGANIC BLUE RIVER SWIFT ALFALFA</b> w/Apex™ Green Hydroloc (OMRI Listed) High yielding variety with excellent recovery and regrowth—Capable of high quality forage. Well suited to western areas. WSI 2 FD 4	\$310/50#

## ORGANIC CLOVER

<u>ORGANIC RED STAR BRAND RED CLOVER</u> Excellent clover bred for longevity, maximum winter hardiness, and maximum disease resistance. Red Star should last more than 3 years and has better recovery in the 2 <sup>nd</sup> and 3 <sup>rd</sup> cutting than other cultivars.	\$198/50#
<u>ORGANIC MEDIUM RED CLOVER</u> Economical, fast establishing biennial legume often used as a soil builder or component in short-term hay mixtures. Raw Seed- No Inoculant \$175/50# Inoculated w/Pre-Vail™ \$175/50# w/Apex Green™ Hydroloc	\$148/50#
<u>ORGANIC BLUE RIVER RED-WING BLEND RED CLOVER</u> A VNS blend of medium red clover.	Uncoated \$190/50#
<u>ORGANIC MANITOBA RED CLOVER</u> Inoculated with Pre-Vail™ More persistent and longer lived than VNS medium red clover.	\$173/50#
<u>ORGANIC MAMMOTH RED CLOVER</u> Tall, single cut clover used primarily for plowdown.	VNS \$123/50# Alta Swede \$138/50#
<u>ORGANIC CRIMSON CLOVER</u> Rapidly growing warm-season cover crop clover.	\$168/50#
<u>ORGANIC WHITE-BOMBUS LADINO CLOVER</u> A taller, large-leaved white clover excellent for grazing. Good N fixer.	\$183/25#
<u>ORGANIC RIVENDEL WHITE CLOVER</u> w/Apex™ Green Hydroloc (OMRI Listed) Small leafed, winter hardy, white clover.	\$183/25#
<u>ORGANIC ALSIKE CLOVER</u> Short lived, biennial clover used in pastures, hay mixes, wetland plantings and plowdown.	\$184/50#
<u>ORGANIC ALSIKE w/7% YELLOW BLOSSOM SWEET CLOVER</u>	\$113/50#
<u>ORGANIC YELLOW BLOSSOM SWEET CLOVER</u> Good soil building variety for plowdown or as nectar source.	\$88/50#

## ORGANIC NITROGEN-FIXING COVER CROPS (LEGUMES)

<u>ORGANIC AC GREENFIX CHICKLING VETCH</u> Annual legume used to increase N and soil fertility.		Ask about availability.
<u>ORGANIC HAIRY VETCH</u> Great fall-planted, fast growing, green manure crop.	VNS \$103/50#	Purple Bounty \$113/50#
<u>ORGANIC COMMON VETCH</u> VNS, good cover crop & forage quality, widely adapted to varied soil types.		Ask about availability.
<u>ORGANIC YELLOW BLOSSOM SWEET CLOVER</u> - Good soil building variety for plowdown or as nectar source.		\$88/50#
<u>ORGANIC MAMMOTH RED CLOVER</u> Tall, single cut clover used primarily for plowdown.	VNS \$123/50#	Alta Swede \$138/50#
<u>ORGANIC AUSTRIAN WINTER PEAS</u> Highly nutritious, forage/silage/green manure, viney, plant w/nurse crop.		\$49/50#
<u>ORGANIC FABA or FAVA BEANS</u> Tall, bushy annual legume. Thrives in cool, wet weather. Avoid drought, heat and freezing.		\$45/50#

## ORGANIC SOIL IMPROVEMENT/BIOMASS/WEED SUPPRESSION COVER CROPS

<u>ORGANIC BUCKWHEAT</u> Fast growing, warm season annual, use for green manure, weed suppression, soil builder, bee attractant.	\$37/50#
<u>ORGANIC WINTER RYE</u> Exc. winter cover crop/soil building capacity, very winter hardy, exc. fall & spring forage.	VNS \$20.25/56# Aroostook ASK
<u>ORGANIC TILLAGE RADISH</u> Excellent cover crop, bred for taproot production.	Daikon VNS \$163/50# Deep Till \$208/50#
<u>ORGANIC OATS</u> Economical , good option for cover cropping & forage.	Cover Crop Brand VNS- Unc. *\$14/bu. NC Jerry \$13.25/bu.
<u>ORGANIC ANNUAL RYEGRASS</u> Economical, use for cover/nurse crop, emergency pasture, hay & soil building	VNS \$83/50# Gulf \$91/50#
<u>ORGANIC PURPLE TOP TURNIPS</u> Hardy, leafy large-rooted brassica – excellent for fall grazing.	\$123/50#

## ORGANIC COVER CROP MIXES

Spring Planting – Excellent companion with spring-planted small grains.		
<u>ORGANIC PLOWDOWN BLEND CC9</u> Hardy alfalfa, Mammoth Red Clover, Yellow Blossom Sweet Clover, and/or Alsike Clover.		\$133/50#
<u>ORGANIC PLOWDOWN MIX</u> 1/3 Alta Swede Mammoth Red Clover, 1/3 Alsike Clover, 1/3 Yellow Blossom Sweet Clover.		\$145/50#
Broadcast into standing crops at last cultivation. Shade-tolerant. June 1 to July 5 – aim for V6 or last cultivation.		
<u>ORGANIC CULTIVATORMAX CC8</u> Cover crop blend of annual ryegrass, med. red clover, alsike clover, radish, Hardy alfalfa.		Ask for availability.
Plant May 30-August 15 <sup>th</sup>		
<u>ORGANIC SUMMERMAX CC6</u> Warm season cover crop for max. summer growth, weed suppression, and soil building-buckwheat, Proso millet, soybean & corn.		Ask for availability.
Plant August 1 – September 15 Note: Plant August 1-15 to establish clover for following year.		
<u>ORGANIC NITROMAX C1</u> Cover crop blend of oats, field peas, and cover crop radish, exc. choice for fall forage or grazing.		Ask for availability.
<u>ORGANIC VALUMAX CC2</u> Cover crop blend of annual ryegrass, cover crop radish, & alsike clover, good biomass.		Ask for availability.
<u>ORGANIC WINTERMAX CC3</u> Cover crop blend of winter rye, hairy vetch, & radish, may be grazed in the spring or fall.		Ask for availability.

## ORGANIC FORAGE GRASSES

<u>O- ANNUAL RYEGRASS</u> Economical, use for cover crops, nurse crops, emergency pasture, hay and soil building.	VNS \$83/50# Gulf \$91/50#
<u>O-DANERGO ITALIAN RYEGRASS</u> Tetraploid, high yield of dry matter in sowing year. High resistance to diseases.	\$143/50#
<u>O-STORM INTERMEDIATE RYEGRASS</u> Tetraploid, late heading, high yields, strong disease resistance, strong winter hardiness.	\$188/50#
<u>O-PREMIUM PERENNIAL DIPLOID RYEGRASS</u> Interm. maturing, high forage yields, exc. persistence, good wtr. hardiness, strong spring growth.	\$218/50#
<u>O-TOMASO PERENNIAL DIPLOID RYEGRASS</u> Late maturing, high forage yields, best adapted to heavy soils, very fast establishing.	\$173/50#
<u>O-CALIBRA TETRAPLOID PERENNIAL RYEGRASS</u> Intermediate maturing, fast establishing, & high yielding, best for heavy moisture-holding soils, exc. disease resistance, early production, strong regrowth, exc. winter hardiness, high sugar content.	\$203/50#
<u>O-TIVOLI TETRAPLOID PERENNIAL RYEGRASS</u> Late maturing, exc. spring growth, highly adaptive to wide range of climates.	\$218/50#
<u>O-PERUN FESTULOLIUM</u> Fast est., exc. 1 <sup>st</sup> cut yields, best suited med.-heavy soils, best fit for new pastures, renovation, & hay.	\$208/50#
<u>O-FEDERO FESTULOLIUM</u> Fast est., exc. persistence, very productive on med –heavy soils, good choice for both pasture/hay.	\$193/50#
<u>O-LAURA MEADOW FESCUE</u> Endophyte-free, high yielding, fast establishing, early maturing, winter hardy, more palatable than tall fescue	\$238/50#
<u>O-PRADEL MEADOW FESCUE</u> Endophyte-free, str. spring growth, high digestibility, wtr. hardy, v. high disease resistance, outstand. persistence.	\$313/50#
<u>O-S W MINTO MEADOW FESCUE</u> Late heading, wide cut or graze window, good yield and persistence.	\$223/50#
<u>O-NIVA ORCHARDGRASS</u> Med.-Late heading, exc. persistence, winter hardiness, palatability & digestibility, exc. alfalfa companion.	\$263/50#
<u>O-LUXOR ORCHARDGRASS</u> Very late maturity for a wider harvest window, v. good forage yields, ex. winter hardiness, disease tolerance	\$263/50#

## ORGANIC FORAGE GRASSES continued

<u>O-KORA TALL FESCUE</u> Endophyte free, medium maturing, deep rooted, cold & drought tolerant, good digestibility & palatability.	\$248/50#
<u>O-SWAJ TALL FESCUE</u> Endophyte free, very high palatability, winter hardy, drought tolerant, soft leafed, for grazing or haying.	\$198/50#
<u>O-CLIMAX TIMOTHY</u> Economical, fine-stemmed, well-suited for hay & pasture, use w/alfalfa & red clover, late maturity, premium for horses.	\$103/50#
<u>O-DOLINA TIMOTHY</u> Late heading, high yielding, good disease resistance, improved persistence, exc. winter hardiness, med. erect growth.	\$188/50#
<u>O-SMOOTH BROME</u> Sod forming, exc. persistence, v. good production in early spring, slower to establish, best in heavier silt or clay loam soil.	\$173/50#
<u>O-FLEET MEADOW BROME</u> Leafier, more palatable and less aggressive than smooth brome, exc. regrowth after cutting.	\$173/50#

## ORGANIC FORAGE MIXTURES

<u>ORGANIC DAIRY PRO MIX</u> Premium alfalfa & grass mixture formulated for dairy cattle, exc. yield potential for hay, baleage or silage, fast regrow.	\$223/50#
<u>ORGANIC GRAZE &amp; CHOP MIX</u> Diverse mixture of legumes & grasses furnish balanced ration for livestock, grasses highly palatable.	\$96.50/25#
<u>ORGANIC PASTURE MIX</u> Superior, long lasting 20% Niva Orchardgrass, 20% Laura Meadow Fescue, 20% Fleet Meadow Brome, 20% Premium Perennial & 10% Calibra Ryegrass, 10% Timothy.	\$243/50#
<u>ORGANIC HAY GRASS MIX 30%</u> Smooth Brome, 30% Tall Fescue, 25% Timothy, 15% Orchardgrass-add alfalfa and or clover to suit.	\$106.50/25#
<u>ORGANIC PASTURE GRASS MIX 20%</u> Smooth Brome 20% Festulolium, 15% Annual & 15% Perennial Ryegrass, 15% Timothy, 15% Meadow Fescue	\$101.50/25#
<u>O-RENOVATOR MIX</u> Fast establishing mix, boost production in existing fields/pastures, persists 1 or 2 years, high energy ryegrass mix.	\$163/50#
<u>O-BUFFER GRASS MIX</u> - Call for blend.	\$183/50#

## ORGANIC SUMMER ANNUAL FORAGES-Observe Prussic Acid Warnings!

<u>ORGANIC VIKING O-200BMR SORGHUM SUDANGRASS</u> Brown midrib, Gene 6, dry stalk gene improves drydown, very palatable.	\$101/50#
<u>ORGANIC SWEET SIX BMR SORGHUM SUDANGRASS</u> Brown midrib, Gene 6, dry stalk, very palatable and digestible.	\$93/50#
<u>ORGANIC GW400 BMR FORAGE SORGHUM</u> Brown midrib, Gene 6, exc. palatability and digestibility, one cut at 80-85 days. Ask about availability.	
<u>ORGANIC PROSO MILLET</u> Fast growing, most often raised for grain or emergency forage crop, low water needs.	\$41/50#

## ORGANIC SMALL GRAINS

### ORGANIC SPRING BARLEY

<u>ORGANIC CONLON SPRING BARLEY</u> 2-row malting, early maturity, good standability & lodging resistance, good for underseeding,	\$26/bu.
<u>ORGANIC MOREX SPRING BARLEY</u> 6-row feed barley.	Call for pricing.
<u>ORGANIC ROBUST SPRING BARLEY</u> 6-row malting, early, tall, better straw yield, good disease resistance & straw strength.	\$19/bu.
<u>ORGANIC QUEST SPRING BARLEY</u> 6-row malting, dual purpose, med. maturity, good standability & disease resistance, Rec. by AMBA	\$23/bu.

### ORGANIC WINTER BARLEY

<u>ORGANIC THOROUGHbred WINTER BARLEY (Cert)</u>	Call for availability.
<u>ORGANIC VNS WINTER BARLEY</u> Quicker maturing than wheat & has higher forage quality, exc. for grazing, feed, haylage, & fodder.	19.50/bu.

### ORGANIC BUCKWHEAT- Volume discounts!

<u>ORGANIC BUCKWHEAT</u> Fast growing, warm season annual, green manure crop, weed suppression, bee attractant, and soil loosening.	\$37/50#
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### ORGANIC GRAIN OATS Sold in 1 ½ bushel bags Certified unless noted. \*may cost additional shipping.

<u>ORGANIC ARMOR OATS (Cert)</u> High yielding, mid-season, exc. resistance to lodging, slightly taller than avg. mod. resistance to BYDV.	\$17.00/bu.
<u>ORGANIC DEON OATS (Cert)</u> High yielding, good test weight & resistance, good standability, late maturity, med. tall, not for underseeding.	\$13.75/bu.
<u>ORGANIC GR-65 OATS (Ohio cert. seed)</u> —High yield, taller oat with good lodging resistance, white seeded.	\$17.50/bu.
<u>ORGANIC HAYDEN OATS (Cert)</u> Peak yields & tw., med. maturity & med. height, exc. quality grain often meets milling requirements.	*\$14.90/bu.
<u>ORGANIC N/C JERRY OATS</u> Medium tall plant, medium-late maturity, high test weight, high yielding, good grain or forage.	\$13.25/bu.
<u>ORGANIC REINS OATS (Cert)</u> Very strong yield potential, ex. test wght., shorter, good standability, early maturing, exc. for underseeding.	\$13.75/bu.
<u>ORGANIC SHELBY 427 OATS (Cert)</u> Excellent yielding variety, high test weight, early maturity, tall, exc. standability, white seed.	\$13.75/bu.
<u>ORGANIC SUMO OATS (Cert)</u> Very early, very good test weight, tall with good standability, average yield.	*\$15.50/bu.
<u>ORGANIC COVER CROP BRAND OATS</u> Economical, high yielding oat blend. Med. maturity & height, good for chopping, baling, cover.	*\$14/bu.

### ORGANIC HULLESS OATS Sold in 1 ½ bushel bags. Certified unless noted. \*may cost additional shipping.

<u>ORGANIC STREAKER OATS (Cert)</u> Exc. tw., very high grain yields for hullless oat, med. maturity, exc. disease resistance/high protein	*\$21/bu.
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### ORGANIC FORAGE OATS Sold in 1 ½ bushel bags Certified unless noted. \*may cost additional shipping.

<u>ORGANIC EVERLEAF 126 FORAGE OATS (Cert)</u> True forage-type oat for exceptional yields and quality, med. tall, good standability.	*\$24/bu.
<u>ORGANIC N/C JERRY OATS</u> Medium tall plant, medium-late maturity, high test weight, high yielding, good grain or forage.	\$13.25/bu.

### ORGANIC PEAS Grain and/or Forage

<u>ORGANIC 4010 PEAS</u> Very popular tall, high producing forage pea with large leaves and high productivity.	\$28/50#
<u>ORGANIC DS ADMIRAL YELLOW PEAS</u> Dual purpose yellow pea with high grain yields and very good tonnage as a forage crop.	\$28/50#
<u>ORGANIC MONTECH 4193 YELLOW GRAIN PEAS (Cert)</u> High yielding yellow grain pea with erect growth and exc. harvestability.	\$33.50/50#
<u>ORGANIC AUSTRIAN WINTER PEAS</u> Highly nutritious pea-great for forage, silage, and green manure. Great N producer. Ask for pricing in August.	

### ORGANIC PEA MIXES

<u>ORGANIC OAT/4010 PEA MIX</u> A 50-50 blend by weight of a tall, good standing oat and leafy forage pea. Forage and silage only.	\$26/50#
<u>ORGANIC PEA OATLAGE</u> High yielding nutritious mix of 45% 4010 peas and 55% oats selected for forage quality.	\$26.50/50#
<u>ORGANIC BARLEY /DS ADMIRAL YELLOW PEA MIX</u> Mix of about 60% dual-purpose peas and 40% barley by weight.	\$28/50#
<u>ORGANIC TRITICALE/4010 PEA MIX</u> Mixture of 50% 4010 leafy, forage peas & 50% spring triticale. Forage or silage use.	\$28/50#
<u>ORGANIC PEA TRITLAGE</u> 45% Organic 4010 Field Peas, 55% Organic Spring Triticale. High feed value.	\$30.50/50#

## ORGANIC SPRING TRITICALE

ORGANIC VNS SPRING TRITICALE High in crude protein and relative feed value with excellent digestibility. \$29/50#

ORGANIC TRICAL SURGE (Cert) Awnless forage triticale with exc. yields for silage, grazing, or hay. Late maturing. \$25/50#

## ORGANIC WINTER TRITICALE

ORGANIC VNS WINTER TRITICALE High yielding, superior forage hay is highly palatable. High protein value. \$26/ 50#

## ORGANIC HARD RED SPRING WHEAT- Volume discounts!

ORGANIC BOLLES HRS WHEAT Leader in grain protein & baking, vg. disease rest., med. late maturity, avg. straw length. \$28/50#

ORGANIC GLENN HRS WHEAT Highest baking quality, high yielding, exc. test weight & protein, exc. scab & leaf & stem rust tolerance, exc. standing, strong straw, good on fertile soils & areas east of Hard Red Spring Wheat area. \$29/50#

ORGANIC LANG MN HRS WHEAT Med. maturity, good combination of yield, quality, and disease resistance. High protein & tw. \$28/50#

ORGANIC SHELLEY HRS WHEAT Best yielding feed-grade wheat. Later maturing, shorter, good disease resistance. \$28/50#

## ORGANIC HARD RED WINTER WHEAT

ORGANIC AC EMERSON HRW WHEAT Medium maturity, milling quality. Call for availability.

ORGANIC EXPEDITION HRW WHEAT Bearded, white chaffed, awned, early maturing, short height, very high protein. \$22.75/60# bu.

ORGANIC TAM 114 HRW WHEAT Bearded, semi-dwarf, premium milling and baking quality, exc. drought tolerance. \$26/60# bu.

ORGANIC WESLEY HRW WHEAT Bearded, early maturing, short variety, exc. straw strength, tolerant to stripe rust. \$22.50/60# bu.

## ORGANIC SOFT RED WINTER WHEAT

ORGANIC LIMAGRAIN L334 BRAND SRW WHEAT Mid-season with phenomenal yield potential, great standability. \$19.50/50#

ORGANIC KASKASKIA SRW WHEAT Call for availability.

ORGANIC LION BRAND SRW WHEAT Call for availability.

## ORGANIC WINTER RYE

ORGANIC AROOSTOOK WINTER RYE An earlier maturing rye, thus a good choice for rolling. Ask for pricing in July.

ORGANIC SPOONER RYE High yielding, tall, excellent winter hardiness. Ask for pricing in July.

ORGANIC VNS WINTER RYE Quick growing, very winter hardy, cover crop, fall and spring grazing, chopping, or green manure. \$20.25/56#

## ORGANIC SPECIALTY SMALL GRAINS

ORGANIC EMMER WHEAT Ancient relative of wheat, planted with hull on, should not be planted in very fertile soil as lodging will occur. \$63/50#

ORGANIC GOLDEN FLAX Ask for availability.

ORGANIC SPELT Ask for availability.

ORGANIC SUCCOTASH Oats, Spr. Wheat, and Spr. Barley Mix. Well suited for hay or combining. Higher protein than straight oats \$23/50#

ORGANIC DAYTONA BLACK SUNFLOWER 200,000 seeds per bag, approximately 29# Ask for Pricing.

SWEET CORN Call for prices of other quantities.

ORGANIC 2171 F1 (sh2)-75 days, bi-color, super sweet, well filled ears with 14-16 kernel rows 8.25" long ears. Coated \$35.05/#

UNTREATED TEMPTRESS (se)- 70 day, bi-color, excellent emergence and early vigor, large attractive ears. Coated \$19.05/#

UNTREATED LUSCIOUS (tsw)-75 day, bi-color, good relative cold germination, 16-18 kernel rows on 8" ears. Coated \$17.05/#

UNTREATED BODACIOUS (se)- 75 day, all yellow, good ear size, hearty plant, tender kernels. Coated \$16.05/#

UNTREATED AMBROSIA - 75 day bicolor. \$13.81/#

UNTREATED INCREDIBLE- 85 day yellow. \$13.81/#

## ORGANIC SOYBEAN SEED

We offer a complete line of soybean seed varieties from the following companies:



### **Our most popular varieties are:**

ORGANIC VIKING O.2265-Feed Grade, 2.2 maturity, medium-tall, bushy, high yields, excellent emergence. \$41/140M

ORGANIC VIKING O.2399AT12N-Feed or Food Grade, 2.6 maturity, medium tall, good cyst and aphid resistance. \$45/50#

ORGANIC BLUE RIVER 26FO -Food Grade, 2.6 maturity, good yield potential, medium-tall bush type, protein 44.6%. \$50/110M

ORGANIC BLUE RIVER 27AC5-Feed Grade, 2.7 maturity, exc. yield potential & agronomics, cyst resistant, aphid tolerant. \$50/140M

ORGANIC eMERGE 289-Feed Grade, 2.8 maturity, tall & bushy, handles stress well, has performed well for us. \$47/140M

ORGANIC VIKING O.3018N-(New)-Feed Grade, 3.0 maturity, tall & bushy, cyst resistant, strong performer PA to NE. \$45/50#

ORGANIC BLUE RIVER 31C6-Feed Grade, 3.1 maturity, exc. emergence, gd. yield potential, strong agronomics, cyst res. \$50/140M

ORGANIC BLUE RIVER 34A7 Feed Grade, 3.4 maturity, top performer from PA to NE, exc. yield potential, aphid tolerant. \$50/140M

## ORGANIC SEED CORN

We offer a complete line of corn seed varieties from the following companies:



Our most popular hybrid varieties are:

- ORG. BLUE RIVER 43L96-98 day- Leafy Floury, silage corn, tall, white cob hybrid with more leaves above ear, less lignin. \$225/80M
- ORG. MASTERSCHOICE 5250-102 day-Floury, white cob, flex, enhanced silage & grain quality, outstanding health. \$260/80M
- ORG. VIKING O.86-03UP-103 day-Outstanding grain yield, quality and agronomics; very good test weight, exc. drydown.\$238/80M
- ORG. MASTERSCHOICE 5300-103 day-Floury, strong emergence/ seedling vigor, vg. performance, tonnage, & bushels \$260/80M
- ORG. BLUE RIVER 53L96-104 day- Leafy Floury, silage corn, tall, white cob hybrid with more leaves above ear, less lignin\$225/80M
- ORG. VIKING O.51-04PGS-105 day-Outstanding digestibility and tonnage for silage and superior dual purpose corn. \$218/80M
- ORG. MASTERSCHOICE 5790-107 day-Semi-floury, strong emergence and early growth, high yield potential, semi-flex. \$260/80M
- ORG. MASTERSCHOICE 535-107 day-Semi-floury, high grain digestibility & sugar silage quality, quality & performance. \$260/80M
- ORG. BLUE RIVER 58PM36-107 day PuraMaize combats pollen contamination by GMOs, plus it is a very good corn. \$240/80M

Our most popular open-pollinated varieties are:

- ORG. ALBERT LEA E-95--(94-97 day)- organically grown open-pollinated, improved variety for yield and standability. \$98/80M
- UNTREATED Non-GMO REID YELLOW DENT-100-110 day open-pollinated corn. Produces large kernels and ears. \$100/50#

## CONVENTIONAL, UNTREATED, NON-GMO SEED VARIETIES for 2018

6330 T. R. 309, Millersburg, Ohio

330-231-4484 or 330-231-4483

[www.cloverlandagservice.com](http://www.cloverlandagservice.com)      [jshennis@cloverlandagservice.com](mailto:jshennis@cloverlandagservice.com)

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Seed Distributors for:

Albert Lea Seed      BR-Blue River Seed      DKG Seed Farms, LLC  
 French's Spelt Seed      MastersChoice      Prairie Hybrids      Welter Seed & Honey Company

<u>ALFALFA</u>	C=Coated with OMRI listed Apex Green Hydroloc	<u>50# Bag</u>
<u>375HY-BR Brand Hybrid</u> – Branch rooted, aggressive regrowth, high yield, high quality forage DRI 30/30 WSI 1.6 FD 3.9		\$279C
<u>BR Golden Eagle HY</u> -, Fne stemmed, ex. forage quality, fast recovery, very good traffic tolerance, exc. spring vigor WSI 1.6 FD4		\$265C \$275UC
<u>WL 365HQ</u> -High quality, fine stemmed, highly palatable, easily digested, very high yields in a 4-6 cut system. DRI30/30 WSI 1.1FD4.9		\$273C
<u>WL358LH Leafhopper Alfalfa</u> -Replaces WL353 LH, a true “no spray” alfalfa, highly digestive. DRI 30/30 WSI 2.0 FD 4.1		\$276C
<u>Viking 342LH</u> -7 <sup>th</sup> generation leafhopper resistance, excellent forage quality, great yields in 3-4 cut system. DRI 34/35 WSI1.9 FD 3.8		\$253C
<u>WS Low Lignin Brand Alfalfa</u> -Reduced lignin, high digestibility, fast recovery, outstanding yield potential. DRI 30/30 WSI 1.7 FD 4.3		\$253C
<u>BR Skylark RL</u> - Reduced lignin, high yielding, outstanding forage quality, exc. recovery, exc. for dairy cows FD 4 WSI 2		\$250C
<u>BR Wren SC</u> - High forage yielding with deep crown placement, resists wheel and animal traffic, Aphanomyces 1 and 2 resistance		\$250C
<u>BR Red Falcon BR</u> -Branch Rooted, productive in poorly drained soils, ex. disease resistance. DRI34/35 WSI.6 FD4		\$240C \$250UC
<u>WS Leafguard LH Brand</u> -Newest generation leaf hopper alfalfa, outstanding forage yield and forage quality. DRI 30/30 WSI 2.4 FD 4		\$251C
<u>Viking 392AP</u> - Branch-rooted, sunken crowns, very high yield and quality, 4 cut, great for dairy. DRI 35/35 WSI 1.7 FD 4		\$248C
<u>Viking 372HD Alfalfa</u> -High digestibility, retains quality/ wider harvest window., suited for 4 or 5 cuts DRI 30/30 WSI 2 FD 4.0		\$248C
<u>BR Bluejay4HR</u> -Potato leafhopper resistance w/exc. disease & pest resistance, strong performance in eastern corn belt, WSI 2 FD3		\$240C
<u>BR Robin</u> -Exc. yield variety, high digestible forage, wide harvest window, fast regrowth, WS2 FD5		\$240C
<u>BR Roadrunner</u> - ex. tonnage potential w/high quality, ex. leaf to stem ratio, very good disease resistance, WSI 2.0 FD4		\$240C

<u>ALFALFA</u> Continued	C=Coated with OMRI listed Apex Green Hydroloc	<u>50# Bag</u>
<u>WS L550</u> Branch rooted, high forage yield, high persistence in both well and poorly drained soils, fast recovery		\$233C
<u>Hi-Nitro Brand Alfalfa</u> -Non-hardy alfalfa, may be used a high performing plowdown, fixes more nitrogen than conventional alfalfas. WSI 6 FD 9		\$233
<u>Excel Brand 353BR Alfalfa</u> -Branch-rooted, high forage yielding, for poorly drained soils. DRI 30/30 WSI 1.7 FD 3.8		\$219C
<u>Cisco/Nitrogen Brand Alfalfa</u> -Improved variety for maximum 1-year biomass and N production. FD 9		\$203C
<u>Galaxy II Brand Multileaf Alfalfa</u> -Improved dark green, exceptional forage quality, high yields. DRI 30/30 WSI 2.1 FD 4		\$195
<u>Foregrazer V Alfalfa</u> -Traffic tolerant due to sunken crowns, excellent for hay or grazing, DRI 34/35 WSI 1.9 FD 3.5		\$193C
<u>Matrix Creeping Alfalfa</u> -Strong yields, high quality grazing; creeping habit (spreads by roots) DRI 25/30 WSI 2 FD 2.5		\$183
<u>Viking 300BR (Branch Rooted) Alfalfa</u> -High yielding, adapted for poorly drained soil. DRI 34/35 WSI 1.7 FD 3.8		\$183C
<u>Viking 542LH Brand Leafhopper Alfalfa</u> -Outstanding trait expression throughout the plant. Exc. forage quality. DRI30/3 WSI 2.5 FD3.2		\$183C
<u>Certified 4241 Creeping Alfalfa</u> -Superior creeper, persistent, excellent for grazing. DRI 25/30 WSI 2 FD 2.		\$182
<u>2020 Supreme Brand Alfalfa</u> -Blend of improved high yielding alfalfas selected for persistence & yield potential. DRI-29/30 WSI 2 FD 4		\$177
<u>Grazer Brand Alfalfa</u> -excellent grazing type, withstands traffic well, ideal for pastures. DRI 25/30 WSI2.1 FD 2		\$171
<u>Multi 5301 Multi-leaf Alfalfa</u> -Very high yielding, high relative feed value multi-leaf alfalfa. DRI 27/30 WSI 2 FD 4		\$171
<u>Viking 330M Brand</u> -High quality, multi leafed, quick recovery, dairy quality, DRI 29/30 WSI 2.5 FD 3.2		\$163
<u>Viking 3100 Alfalfa</u> -Good yielding, good recovery after cutting. DRI 28/30 WSI 2.6 FD 3		\$143
<u>Honest John Brand</u> -A blend of high yielding, disease resistant, good winter hardiness; may contain 3% red clover. FD 3		\$123
<u>Black Market Flemish Brand</u> -Grows fast, great for short rotations or as a plowdown WSI 2.2 FD 3		\$103
<u>Vernal Alfalfa</u> -Economical hay or plowdown, very winter hardy, limited disease tolerance. DRI 11/30 WSI 2.2 FD 2		\$103

### Red Clover

<u>Medium Red</u> -Fast establishment, good recovery, persists 2-3 years, economical choice for hay, grazing, cover crop. \$127(raw)	\$127UC	\$98C
<u>Freedom MR</u> -Fast drying, nearly hairless stems, tremendous dry matter production, excellent choice for hay OMRI Nitro-coat	\$104/25#C	
<u>Marathon Red</u> -3-4 year variety, very winter hardy and disease resistance, long lasting performance.	\$157/50#	
<u>Persist Brand Red Clover</u> -Blend of long lasting red clovers specifically developed for persistence and longevity.	\$149/50#	
<u>Ruby Red Brand</u> -High yielding, excellent persistence and disease resistance, fast drying, high forage quality, fast recovery.	\$133/50#C	
<u>Starfire II Red Clover</u> -Long lasting clover that can produce 3 or 4 cuttings. High yields, persistence, disease resistance.	\$168/50#C	
<u>Alta-Swede Mammoth Red</u> -Single cut clover, taller & courser than other red clovers, green manure crop.	\$123/50#	

### White Clover

<u>Legacy White Clover</u> -Latest generation New Zealand white, high yielding, large leafed, tall growing, ideal for rotational grazing.	\$4.81/#C	
<u>New Zealand Clover</u> -Tolerates drought better than White Dutch, exc. tolerance to grazing, good for living mulch.	\$173/50#	
<u>Renovation White Clover</u> -Increased stolon density & persistence even under grazing, exc. choice to improve and maintain pastures.	\$5.86/#C	
<u>White Dutch Clover</u> - Smaller leaved Dutch clover, use for lawns, living mulch, ground cover.	\$171/50#	
<u>Ladino White Clover</u> -A large-leafed winter-hardy variety used primarily in pastures.	\$4.01/# or \$173/50#	
<u>Jumbo II Ladino Clover</u> -Fast growing, giant leafed variety known for its leaf size and vigorous growth habit. OMRI Coated	\$4.21/#C	
<u>Alice Grazing White Clover</u> -High palatability, vigorous tall growth, winter hardy, competes well in pasture mixes. OMRI Coated	\$5.41/#C	
<u>Kopu II White Clover</u> -Bred to withstand intensive grazing, improved stolon production, longer stand life.	\$4.81/#C	

### Other Clovers/ Misc.Legumes (see Nitrogen-Fixing Cover Crops for more)

<u>Alsike Clover</u> -Upright, short lived perennial that does well on low, poorly drained acidic soils, considered a biennial.	\$162/50#	
<u>Aberlasting Clover</u> - Cross of Caucasian & White, stolons above & rhizomes below ground, will tolerate severe grazing.	\$6.06/#C	
<u>Frosty Berseem</u> -much more cold tolerant than other Berseem clovers, survive down to 10°F, Fast growing summer annual, 1 yr. hay crop. (OMRI Coated)	\$141/50#C	
<u>Crimson Clover</u> -Southern clover, used as a summer annual in Midwest, 1 year hay crop or plowdown. (OMRI Coated)	\$77/50#C	
<u>Fixation Balansa Clover</u> -Spring planted annual legume produces exceptional qualities of N, superior reseeding properties- (OMRI Coated)	\$126.50/50#C	
<u>Kura Clover</u> -High yielding, high forage quality perennial clover, spread by underground rhizomes.	ASK	
<u>White Blossom Sweet Clover</u> -High nitrogen producing biennial legume, grows 5-6 feet tall, excellent for honey production.	\$161/50#	
<u>Yellow Blossom Sweet Clover</u> -Tall growing biennial clover, high biomass & N production, attracts bees, green manure crop	\$99/50#	
<u>Sainfoin</u> -Deep rooted, drought resistant forage legume, non-bloating, excellent quality and palatability. Exc. for honey production.	\$3.31/#	

### Vetches, Trefoils & Chicory

<u>AC Greenfix-Chickling Vetch</u> , annual legume to increase nitrogen and soil fertility, plant in spring, lasts 60-70 days.	\$56/50#	
<u>Hairy Vetch</u> - Vigorous winter annual, used mostly for green manure and nitrogen source for spring crops.	\$78/50#	
<u>Common Vetch</u> -Variety not stated.	\$48/50#	
<u>Crown Vetch</u> -Cool season perennial legume used to control erosion.	\$22.06/#	
<u>Bruce Birdsfoot Trefoil</u> -Non-bloating perennial legume, can tolerate wet & low pH better than alfalfa. Bruce has superior seedling vigor.	\$4.31/#	
<u>Bull Birdsfoot Trefoil</u> -See description above. Bull is large leafed, excellent w/alfalfa & grasses, winter hardy, drought resistant.	\$4.66/#	
<u>VNS Trefoil</u> - Variety not stated. Non-bloating perennial legume, can tolerate wet & low pH better than alfalfa.	\$213/50#	
<u>Oasis Chicory</u> -Early maturing, high yield, longer growing season, more forage, less bolting.	\$6.06/#	
<u>Forb Feast Chicory</u> -High quality, reduced bolting, blend, highly palatable source of digestible energy, protein & minerals, winter hardy.	\$6.06/#	

### Nitrogen-Fixing Cover Crops

<u>Cool Season</u>		
<u>AC Greenfix-Chickling Vetch</u> , annual legume to increase nitrogen and soil fertility, plant in spring, lasts 60-70 days.	\$56/50#	
<u>Hairy Vetch</u> - Vigorous winter annual, used mostly for green manure and nitrogen source for spring crops.	\$78/50#	

## Cool Season Nitrogen-Fixing Cover Crops Continued

<u>Common Vetch</u> -Variety not stated.	\$48/50#
<u>4010 Forage Peas</u> - a spring planted forage pea that may be used for biomass and nitrogen source.	\$21/50#
<u>Austrian Winter Peas</u> -Highly nutritious winter annual, great for silage & green manure.	\$33/50#
<u>White Blossom Sweet Clover</u> -High nitrogen producing biennial legume, grows 5-6 feet tall. Excellent for honey production.	\$161/50#
<u>Yellow Blossom Sweet Clover</u> -Tall growing biennial clover, high biomass & N production, attracts bees, gr. manure crop	\$99/50#
<u>Alta-Swede Mammoth Red</u> -Single cut clover, taller & courser than other red clovers, green manure crop.	\$123/50#
<u>Lentils</u> -Cool season legume, well suited for cover cropping.	\$39/50#
<u>White Sweet Lupin</u> -Cool season cover crop, aggressive taproot builds soil structure deep in the profile, exc. N fixation.	\$48/50#
<u>Faba Beans (aka Fava)</u> -Tall, bushy annual legume, thrives in cool, wet conditions-not tolerant to heat & drought,	\$37/50#
<u>Plowdown Alfalfa</u> - Hi-Nitro brand alfalfa, produces more nitrogen than regular alfalfas.	\$233/50#
<u>Plowdown Mix</u> -Soil builder, N provider.24% Alfalfa, 24% Mammoth Red, 24% Alsike, 24% Sw. Clover, 4% Ladino	\$135/50#
<u>No-Sweet Plowdown Mix</u> -Soil builder, 32% Alfalfa, 32% Mammoth Red, 32% Alsike, 4% Ladino	\$145/50#

## Warm Season

<u>Frosty Berseem</u> - more cold tolerant than other Berseem clovers, survive down to 10°F, Fast growing summer annual, 1 yr. hay crop OMRI Coated	\$141/50#
<u>Fixation Balansa Clover</u> -Annual legume produces exceptional qualities of N, superior reseeding properties OMRI Coated	\$126.50/50#
<u>Crimson Clover</u> -Southern clover, used as a summer annual in Midwest, 1 year hay crop or plowdown. OMRI Coated	\$77/50#
<u>Iron and Clay Cowpeas</u> -Vigorous growing summer annual, good nitrogen producer; drought resistant, thrives in hot, wet conditions.	\$47/50#
<u>Sunn Hemp</u> -Tall growing, warm season annual legume, tremendous bio-mass & nitrogen potential	\$83/50#

## Soil Improvement/Biomass/Weed Suppression Cover Crops

<u>Gulf Annual Ryegrass</u> -Establishes rapidly, excellent biomass, green manure plowdown. True annual.	\$52/50#
<u>Buckwheat</u> -Fast growing summer annual, used as green manure, suppressing weeds, loosens the topsoil. Volume discount.	\$33/50#
<u>Cover Crop Oats</u> -Economic blend of oats that may be used for cover cropping and fall forage.	*\$9/bu.
<u>Groundhog Radish</u> -Fast growing cover crop, break up compacted soil, scavenges N and other nutrients. Large root.	\$2.26/#
<u>Tillage Radish</u> -Fast growing cover crop, break up compacted soil, scavenges N and other nutrients.	\$133/50#
<u>Daikon Radish</u> -Variety Not Stated. Fast growing cover crop, break up compacted soil, scavenges N and other nutrients.	\$83/50#
<u>Yellow Mustard</u> -Economic choice, good fit frost seeded before small grain or soybeans	\$63/50#
<u>Pacific Gold Mustard</u> -Bred specifically for cover cropping, rapid growth, can suppress soil fungi, nematodes & insects	\$146.50/25#
<u>Phacelia</u> -Non-leguminous broadleaf, used for cover crop & for bee forage, produces abundant biomass & conditions soil.	\$173/50#
<u>Dwarf Essex Rape</u> -Succulent, leafy brassica; quick growing, good biomass accumulation, exc. fall cover crop.	\$48/50#
<u>Purple Top Turnips</u> -Large bulb, can be used for pasture, livestock eat tops then pull out tubers & eat them, 55 days.	\$78/50#
<u>Winter Rye</u> -Excellent choice for a fall rotation crop or cover crop, produces lots of biomass for green manure.	\$16.25/56#bag

## Cover Crop Mixes

<u>Viking NitroMax (CC1)</u> -Blend of 48.5%Oats, 48.5%Field peas and 3%Radish.	\$28/50#
<u>Viking ValueMax (CC2)</u> -Blend of 20% Crimson Clover, 60%Annual Ryegrass, 15% Radish, and 5% Dwarf Essex Rape.	\$58/50#
<u>Viking WinterMax (CC3)</u> -Blend of 75%Winter Rye, 20% Hairy Vetch, and 5% Radish.	\$34/50#
<u>Viking GrazeMax (CC4)</u> -Blend of 95% Oats, 3% Radish and 2%Turnips.	\$20/50#
<u>Viking AerialMax (CC5)</u> -Specialized mix of 75% Winter Rye, 15% Lentil, 5% Turnips & 5% Dwarf Essex Rape	\$27/50#
<u>Viking SummerMax (CC6)</u> -Blend of 15% Sorghum Sudangrass,15% Japanese Millet, 10% Sunn Hemp, 30%Buckwheat, & 30%Soybeans.	\$37/50#
<u>Viking MultiMax (CC7)</u> - 40%Ann. Ryegrass,15% Lentils, 5%Radish, 15%Crim. Clover, 5% Turnips 15%Berseem Clover, 5%Dw. Essex Rape.	\$69/50#
<u>N-Vest<sup>+</sup>Crimson Cover</u> -All Mix-Mix of Crimson Clover and GroundHog Radishes, produces & scavenges N.	\$86/50#
<u>N-Vest<sup>+</sup>Forager Mix</u> -Combination of Oats, Winter Rye, and Appin Turnips, exc. for aerial application	\$22/50#
<u>N-Vest<sup>+</sup>GroundBreaker Mix</u> -Contains Austrian Winter Peas and GroundHog Radishes, produces & scavenges N	\$57/50#
<u>N-Vest<sup>+</sup> NurtriBuilder Mix</u> -Combination of winter hardy Annual Ryegrass, Crimson Clover, Ground Hog Radishes	\$72/50#

## Brassicas

<u>Pasja Hybrid Forage Brassica</u> -early maturing, high yielding sweet leaves bred for multiple grazings. 50-60 day maturity.	\$3.31/#
<u>T-Raptor Hybrid Forage Brassica</u> -early maturing, cross between a forage turnips & a forage rape. Ready in 40-55 days.	\$2.81/#
<u>Barsica Forage Rape Seed</u> -Early maturing with high yield with excellent cold tolerance. 80-90 day	\$41.25/25#
<u>Bonar Rape Seed</u> - Higher yielding, later maturing, bred for improved palatability & greater leaf to stem ratio. 90-110 day	\$2.80/#
<u>Dwarf Essex Rape</u> -Lower growing, very nutritious, provides high protein and energy levels 40-50 day maturity.	\$48/50#
<u>Kale</u> -VNS, Survival tolerance down to 10 F, compares favorably with alfalfa as pasturage, very leafy.	\$203/50#
<u>Kestrel Kale</u> -Full maturity, leafy kale with short stems, bred for high digestibility, 150-220 days to grazing.	\$5.56/#
<u>Major Plus Swede</u> -A full maturity Swede, (from 160 days), yellow flesh bulb with red skin color, 84% of yield in bulb.	\$5.31/#
<u>Appin Forage Turnips</u> -Bred for fast, vigorous establishment and quick maturity, very leafy, multi crown, 60-100 days.	\$3.31/#
<u>Barkant Forage Turnips</u> -Improved variety, tankard shaped bulb with high leaf to stem ratio, 60-90 days maturity	\$62.75/25#
<u>Purple Top Turnips</u> -Large bulb, can be used for pasture, livestock eats tops then pull out tubers & eat them, 55 days.	\$78/50#

## Small Grain Seed

### SPRING BARLEY—Sold in 48# bushel bags

<u>Bowers Spring Barley</u> - (Ohio Certified Seed) Six row medium-early maturity, medium height good test weight. Order early!	\$15.00/bu.
<u>Conlon Spring Barley</u> -Proven 2-row malting barley recommended by AMBA, early maturity, good standability & grain yields.	\$16.50/bu.
<u>KWS Tinka</u> -licence required-2 row malting barley. 2 <sup>nd</sup> highest yielding in Cornell Trials. Medium height and maturity.	\$17/bu.
<u>Morex Spring Barley</u> -- six row feed barley-suitable for baling, chopping or feeding.	\$12.50/bu.

**SPRING BARLEY—Sold in 48# bushel bags** Continued

<b>ND Genesis-</b> license required-AMBA 2-row malting barley, better foliar disease resistance and yield potential than Pinnacle.	\$15.50/bu.
<b>Pinnacle Spring Barley-</b> A two row malting variety recommended by AMBA, medium maturity, strong straw strength.	\$15.50/bu.
<b>Rasmusson Spring Barley-</b> 6 row malting barley, highest-yielding feed barley, suitable for underseeding.	\$15.50/bu.
<b>Robust Spring Barley-</b> (Uncertified) Six row malting barley, early medium tall height, good yield, tw, disease resistance and standability .	\$12.50/bu.
<b>Royal Spring Barley--</b> A semi-dwarf forage barley, used as a companion type, six row.	\$15.50/bu.
<b>Hays Spring Barley-</b> (Uncertified) Forage barley. Very tall, great for baling or chopping. Not for underseeding.	\$21/bu.

**WINTER BARLEY—Sold in 48# bushel bags**

<b>Scala—</b> 2 row malting barley, Excellent yielding and malting qualities. KWS release.	Call for availability in August
<b>Violetta—</b> 2 row, bred for superior malt quality, earliness, short height, and disease resistance. Call for availability in August	
<b>SB151—</b> 6 row feed barley, early maturing, med. height, with excellent standability & disease res. Call for availability in August	

**BUCKWHEAT -Volume Discounts**

<b>Buckwheat-</b> Fast growing summer annual, used as green manure, suppressing weeds, loosens the topsoil. Volume discount.	\$33/50#
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**GRAIN OATS— Sold in 1 ½ bushel bags Certified unless noted. \*may cost additional shipping.**

<b>AC Morgan Oats-</b> (Non-certified) A high yielding milling oat with medium maturity. Tall plant with exc. lodging resistance.	\$11.50/bu.
<b>Antigo Oats-</b> Early maturity, excellent test weight, high grain yield, good tolerance to BYDV and Crown Rust.	*\$11.50/bu.
<b>Armor Oats-</b> (Ohio Certified Seed) high yielding, mid-season, exc. resistance to lodging, slightly taller than avg., mod. resistance to BYDV	\$12/bu.
<b>BetaGene™ Oats-</b> mid-late maturity variety with good yield potential, higher in beta glucan.	*\$10.50/bu.
<b>Deon Oats-</b> Late season, high yielding, med-tall w/good standability, good test wt., exc. disease resistance, yellow seed,	*\$10.50/bu.
<b>GR 65 Oats-</b> (Ohio Certified Seed) Taller oat, good lodging resistance, white seeded	\$12.50/ bu.
<b>Hayden Oats-</b> Medium maturity, excellent yield potential, medium height, high test weight. White oat	*\$10.50/bu.
<b>Horsepower Oats-</b> Short oat, early to medium maturity, excellent yield potential, white hulled	\$11/bu.
<b>IN09201 Oats-</b> (Non-certified) Very popular oat, short, high yielding, with resistance to BYDV.	\$10.75/bu.
<b>Jerry Oats -</b> Medium- tall, medium maturity with high test weight and whole oat protein, (Non-certified). \$10.25/bu Certified	\$10.75/bu.
<b>Morton Oats-</b> (Non-certified) Tall, late oat, with heavy test weight, excellent for silage	\$11/bu.
<b>Noble Oats-</b> (Ohio Certified Seed)-Med. season stiff straw variety, med. short, brownish yellow grain having med. resistance to loose smut &BYDV	\$12/bu.
<b>Reins Oats—</b> Early maturity, good lodging resistance, moderately short, plump tan kernels, good choice for underseeding.	\$11/bu.
<b>Saber Oats--</b> Good yield potential, early maturity, good text weight, fair lodging resistance.	*\$11/bu.
<b>Shelby 427 Oats--</b> Early, tall oat with superior yield, disease resistance, standability, and test weight	*\$11/bu.

**FORAGE OATS— Sold in 1 ½ bushel bags Certified unless noted. \*may cost additional shipping.**

<b>Goliath Oats-</b> Forage oat that is very tall &late maturing, Excellent forage yields. Not recommended for underseeding.	\$11.50/bu.
<b>Forage Plus Forage Oat-</b> (WI Cert.)True forage oat, exceptional yields & quality, leafy& soft stemmed, med-tall good standability.	*\$15/bu.

**PEAS Grain and/or forage**

<b>4010 Field Peas-</b> Excellent forage variety, tall with large leaves, great companion crop with small grains.	\$21/50#
<b>DS Admiral Yellow Field Peas-</b> Tall growing and leafy, good standing, Suitable for grain or cut forage.	\$23/50#
<b>Austrian Winter Peas-</b> Highly nutritious winter annual, great for silage & green manure. Good nitrogen source for spring crops.	\$33/50#

**PEA MIXES**

<b>Oat/4010 Pea Mix-</b> 50/50 mix of tall forage oats and 4010 forage peas. Very fast establishing.	\$19.50/50#
<b>Pea-Oatlage-</b> 45% 4010 forage peas and 55% tall forage oats. Very fast establishing.	\$22/50#
<b>Barley/4010 Pea Mix-</b> 50/50 mix of tall, yielding barley with 4010 forage peas.	\$19.50/50#
<b>Triticale/4010 Pea Mix-</b> 50/50 mix of spring triticale and 4010 peas, Highest quality of any pea mixture.	\$19.50/50#
<b>Pea-Tritlage-</b> 45% 4010 forage peas and 55% spring triticale.	\$24.50/50#

**SPELT.**

We offer several of French Hybrids Non-GMO Spelt varieties. Please contact us in August for our current offerings.

**SPRING TRITICALE**

<b>Spring Triticale-</b> Cross between fall rye grain and spring wheat.	\$18/50#
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**WINTER TRITICALE**

<b>TRICAL 718-</b> Cross between fall rye grain and winter wheat. Very good lodging resistance and good winter hardiness.	Call in August
<b>TRICAL 815-</b> Cross between fall rye grain and winter wheat. Very dense canopy of long leaves with good yield potential.	Call in August

**HARD RED SPRING WHEAT Volume Discounts!**

<b>Bolles HR Spring Wheat</b> (Certified)-Leader ingrain protein and baking desirability, medium-late maturity, good straw strength.	\$19.50/50#
<b>Briggs HR Spring Wheat-</b> (Certified)Early maturing, mod. resistance to stem & stripe rust, good milling & baking qualities.	\$19.50/60#
<b>Forefront HR Spring Wheat-</b> (Certified)Early maturing, exc. test wt., leader in grain protein, good straw strength good fit for hotter drier growing.	\$18.50/50#
<b>Shelly HR Spring Wheat-</b> (Certified)-Best yielding feed grade wheat, later maturing, shorter height with good standability.	\$19.50/50#

**HARD RED WINTER WHEAT-Additional varieties available-Call in August**

<b>Wesley HR Winter Wheat-</b> Early maturing, resistant to stem rust and moderately resistant to stripe rust and leaf rust.	\$18.75/60#
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**SOFT RED WINTER WHEAT-Additional varieties available- Call in August**

<b>Limagrain L334 Soft Red Winter Wheat-</b> (Certified), Mid-season, excellent yield potential, disease resistance, good standability.	\$17/50#
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## WINTER RYE-Additional varieties available- Call in August

Arostook Winter Rye-Excellent cover crop and the variety of choice for roller crimping.

Call in August

VNS Winter Rye-Excellent cover crop, builds organic matter, prevents erosion, and suppresses weeds.

\$16.25/50#

## SPECIALTY GRAINS

Flax- Variety Not Stated

Brown - \$43/50# Golden - \$43/50#

Soybean-Milo Mix-A mix of milo and group 3 soybean, use for haylage or silage.

\$25/50#

Succotash-33.3% early wheat, 33.3% spring barley, and 33.3% oats.

\$16.85/50#

Sunflowers- Black oilseed.

Daytona - \$288/200,000 seeds

Peredovic - \$34/50#

## GRASSES and ANNUAL FORAGES

### KENTUCKY BLUEGRASS

Balin Grazing Kentucky Bluegrass-Bred for high yields and tolerance to intense grazing, taller, competes well with other grasses.

\$143/50#

Ginger Forage Kentucky Bluegrass-High yielding forage variety. highly palatable, tolerates close grazing, larger leaf.

\$157/50#

### BROMEGRASS

Fleet Meadow Bromegrass-Winter hardy, excellent regrowth, excellent for grazing or haymaking, very palatable.

\$143/50#

Hakari Bromegrass-(Barenbrug) Bred for cooler, drier conditions of Midwest and Northeast, excellent companion to alfalfa.

\$203/50#

Lincoln Bromegrass-Smooth Bromegrass used in waterways and pasture. Sod forming.

\$143/50#

Smooth Bromegrass-Sod forming, very persistent.

\$128/50#

### REED CANARYGRASS

Reed Canarygrass- Variety Not Stated, low alkaloid, tall growing, high yielding, sod forming perennial, well adapted to wet soils

\$153/50#

Palaton Reed Canary Grass-Newer variety with low alkaloid content, palatable to grazing animals, pasture/hay making

\$5.31/#

### MEADOW FESCUE

Preval Meadow Fescue-Med. maturing with improved disease resistance, very winter hardy, tolerant drought, wet soils, & close grazing, exc. for rotational grazing & high quality hay, very good regrowth

\$129/50#

HDR Meadow Fescue Blend-(Barenbrug) High yielding, improved palatability, winter hardy, high digestibility & energy for dairy & beef

\$153/50#

Meadow Fescue-Variety Not Stated

\$118/50#

### TALL FESCUE

Barolex Tall Fescue-(Barenbrug) Improved variety that produces high quality forage. Soft leafed, very palatable for pasture or hay.

\$140/50#

Bronson Tall Fescue-Outstanding variety, very palatable, excellent in both hay and grass mixes.

\$111/50#

Cowgirl Tall Fescue-Soft-leafed, highly palatable, exc. for haying or grazing

\$96/50#

Fawn Tall Fescue-Used primarily for waterways or erosion control.

\$82/50#

Milkway Fescue Blend-(Barenbrug)-contains high yielding meadow fescue and extremely digestible soft-leafed tall fescue.

\$168/50#

STF 43 Tall Fescue-(Barenbrug) Premium blend of late maturing fescues. Highly digestible, exceptional levels of dry matter.

\$140/50#

### FESTULOLIUM

Duo Festulolium-highest yielding, high palatability with high feed value and persistence.

\$109/50#

Spring Green Festulolium-Fast establishing, fast recovery, high forage yields with winter hardiness.

\$100/50#

### ORCHARDGRASS

Amba Orchardgrass-Early maturing, highly digestible, high yield potential, and good disease resistance.

\$163/50#

Devour Orchardgrass-Grazing type with a prostrate growth providing persistence under grazing pressure, high yielding, late.

\$197/50#

Eschlon Orchardgrass-Very late maturity, very good forage yield & disease resistance.

\$193/50#

HLR Orchardgrass Blend--(Barenbrug) Blend of late maturing orchardgrasses including Baridana and Baraula, excellent choice

\$115/25#

Latar Orchardgrass-Late maturing, hardy, very palatable with lower fiber content, excellent in hay and pasture.

\$187/50#

Profit Orchardgrass-Late maturing, bred for forage production. Impressive dry matter production.

\$195/50#

Tekapo Orchardgrass-Early maturing w/dense tillering & developed for grazing. Low crown & dense, prostrate growth.

\$195/50#

### ANNUAL RYEGRASS

Annual Ryegrass-Diploid VNS, best used for single year forage, living mulch or green manure.

\$45/50#

Bruiser Annual Ryegrass-diploid, excellent cold tolerance, late maturing, high feed quality, excellent grazing/cover crop.

\$55/50#

Gulf Annual Ryegrass-Economical variety that is considered a true annual.

\$52/50#

Rival Annual Ryegrass-Improved variety, later maturing, tetraploid, with fast growth and regrowth, palatable.

\$55/50#

### ITALIAN RYEGRASS

Feast II Italian Ryegrass-high producing tetraploid variety, bred for grazing, offers high energy & feed quality.

\$71/50#

Fox Italian Ryegrass-Diploid annual variety that is high yielding in summer months.

\$63/50#

Green Spirit Italian Ryegrass-(Barenbrug) Blend of early & late varieties, great regrowth, persistence & high production.

\$97/50#

### PERENNIAL RYEGRASS

BG-24T Perennial Ryegrass-(Barenbrug) Blend of intermediate & late diploid and tetraploid varieties, exc. palatability.

\$108/50#

BG-34 Perennial Ryegrass-Diploid blend of late maturing, persistent, disease resistant, & highly digestible ryegrass.

\$125/50#

Calibra Perennial Ryegrass-Tetraploid, productive variety. Highly digestible for pasture or silage. Good winter hardiness.

\$93/50#

Linn Perennial Ryegrass-Older variety, used mostly in lawn mixes, road banks, & terraces.

\$78/50#

Power Perennial Ryegrass-Medium maturing tetraploid variety, produces large amounts of high energy forage.

\$117/50#

## **TEFF GRASS**

**Tiffany Teff Grass**-Warm season annual grass, produces high quality hay in relatively short growing season, OMRI Coated \$153/50#

## **TIMOTHY**

**Barpenta/Barfleo Timothy**- (Barenbrug) blend, fast establishing, late maturity, above avg. persistence, very good yield \$123/50#

**Climax Timothy**-Older variety, tall, fine-stemmed and leafy, medium maturity, standard in timothy for years. \$44/50#

**Tuukka Timothy**-Improved timothy, exhibits faster regrowth, leafier, improved yield & higher relative feed value. \$85/50#

## **LAWN SEED- Non-GMO with no additives!**

**Appalachian Kentucky Bluegrass**-Offers early season dark green color, improved and shade tolerance. \$155/50#

**Concerto Kentucky Bluegrass**-Improved disease and drought resistance, good seedling vigor, excellent for upper Midwest.. \$153/50#

**Wildhorse Kentucky Bluegrass**- Aggressive and vigorous bluegrass with high tiller density and rich color. \$160/50#

**Creeping Red Fescue**-Fine bladed spreading grass. Tolerates shade very well, making it a nice companion in lawn mixes. \$95/50#

**Turf-type Fescue**-Fine bladed, tough fescue that can withstand heavy traffic better than other lawn grasses. \$99/50#

**Turf-type Perennial Ryegrass**-Quick establishing, lower growing, fine bladed, does well in sunny area. \$97/50#

**Our Best Lawnseed Mix**-Combination of fine bladed grasses, blended for high quality dense sod. Improved vigor, drought resistance, rapid spring greenup, and disease resistance. Call for mixture. \$135.50/50#

**All Purpose Lawnseed Mix**-Excellent overall lawn mix for areas that receive sun and shade. Call for mixture. \$57.50/25#

**Ruff +Tuff Lawnseed Mix**-Good choice for athletic fields, roadways, playgrounds, & other high traffic areas. Call for mixture. \$110.50/50#

**Sunny Lawnseed Mix**-Great choice for lawns without shade. Call for mixture. \$58.50/25#

**Urban Lawnseed Mix**-Provides a plush lawn that is tough and persistent. Call for mixture. \$69.50/25#

**Shady Lawnseed Mix**-Shade tolerant, fine-bladed grasses Call for mixture. \$120.50/50#

**Sustainable Lawn**- Attractive lawn with slow growth rate. For no mow areas, vineyards, orchards, dense shade, and septic mounds. \$140.50/50#

## **FORAGE MIXTURES –GRASS-ONLY MIXTURES--Mix % and components may change based on availability.**

**GRAZERS SPECIAL MIX**-20% Tekapo Grazing Orchardgrass, 20%Power Perennial Ryegrass, 20% Duo Festulolium, 20% Bronson Tall Fescue, 20% Lincoln Smooth Bromegrass \$138/50#

**GRAZERS SUPREME MIX**-30% Fleet Meadow Bromegrass, 20% Tekapo Grazing Orchardgrass, 20% Power Perennial Ryegrass, 20% Bronson Tall Fescue, 10% Duo Festulolium \$158/50#

**PASTURE GRASS #1 MIX**-20% Smooth Bromegrass, 20% Meadow Fescue, 20% Cowgirl Tall Fescue, 20% Spring Green Festulolium, 20% Sierra Perennial Ryegrass \$61.50/25#

**HAY GRASS #2 MIX**-40% SFT 43Tall Fescue Blend, 30% HLR Orchardgrass 30% Hakari Alaskan Bromegrass. \$76.50/25#

**PASTURE SWEET'NER** Sucraseed High Sugar Grass Mix-Northern Formula-66.66% AberZest HSG Perennial Ryegrass, 33.34% AberEve HSG Tetraploid Intermediate Ryegrass \$119.50/50#

**DAN PATCH HORSE PASTURE MIX**-20% Ginger Grazing Bluegrass, 20% Park Kentucky Bluegrass, 15% Barolex Tall Fescue, 15% HDR Meadow Fescue, 10% 24BG 24T Perennial Ryegrass, 10% Climax Timothy, 10% Annual Ryegrass. \$153/50#

**PLEASURE HORSE MIX**-20% Tekapo Grazing Orchardgrass, 20% Duo Festulolium, 20% Power Perennial Ryegrass, 15% Bronson Tall Fescue, 10% Delar Small Burnett, 10% Tuukka Timothy, 5% Kentucky Bluegrass \$139/50#

**PLEASURE HORSE II MIX**-20% Tekapo\_Grazing Orchardgrass, 20%Preval Meadow Fescue (Endophyte Free), 20% Fleet Meadow Bromegrass, 10% Power Perennial Ryegrass, 10% Duo Festulolium, 10% Bronson Tall Fescue (Endophyte Free), 5% Ginger Forage Kentucky Bluegrass, and 5% Tuukka Timothy \$153/50#

**RENOVATOR MIX**-40% Spring green Festulolium, 15% HLR Orchardgrass, 15% Hakari Alaska Bromegrass, 15% Tetilia Italian Ryegrass, 15% Annual Ryegrass VNS \$103/50#

**RENOVATOR SPECIAL MIX**-40% Power Perennial Ryegrass, 35% Duo Festulolium, 25% Rival Annual Ryegrass \$102/50#

**SHADY PASTURE MIX**-20% HLR Orchardgrass, 15% Barolex Tall Fescue Blend, 15% HDR Meadow Fescue, 15% Chewing Fescue, 15% Tetilia Italian Ryegrass, 10% Creeping Red Fescue, 10% Hard Fescue \$153/50#

**NRCS WATERWAY MIX**- 67.5% Smooth Bromegrass, 12.5% Sierra/Linn Perennial Ryegrass and 20% Climax Timothy \$143/50#

**WATERWAY MIX**-20% Smooth Brome, 15% Park Kentucky Bluegrass, 15% Fawn Tall Fescue, 15% Meadow Fescue VNS, 5% HLR Orchardgrass, 10% Annual Ryegrass, 15% Perennial Ryegrass, 5% Climax Timothy \$128/50#

**ALL GRASS PASTURE & WATERWAY MIX #10**-20% Fleet Meadow Bromegrass, 15% Duo Festulolium, 15% Profit Orchardgrass, 10% Italian Ryegrass, 10% Lincoln Smooth Bromegrass,10% Power Perennial Ryegrass, 10% Tuukka Timothy, 10% Bronson Tall Fescue. \$70.50/25#

**SOIL SAVER WATERWAY MIX** 28% Smooth Bromegrass, 18% Tall Fescue, 18% Perennial Ryegrass, 18% Annual Ryegrass, 18% Climax Timothy. \$49.50/25#

**TIMESAVER COMPLETE WATERWAY MIX**-80% Winter Wheat, 6% Smooth Bromegrass, 3.5% Tall Fescue, 3.5% Perennial Ryegrass, 3.5% Annual Ryegrass, 3.5% Climax Timothy \$34/50#

## **GRASS-LEGUME MIXTURES-- Mix % and components may change based on availability.**

**BEEF BANK** Sucraseed High Sugar Grass Mixes (great for beef) -52% Aber HSG Perennial Ryegrass, 26% AberEve HSG Tetraploid Intermediate Ryegrass, 12% Quickdraw Orchardgrass, 5% FIXatioN Balansa Clover, 3% Medium Red Clover, 2% Domino White Clover. \$76.25/25#

**BEEF PRO**- best-selling hay mix-45% Viking 390AP Alfalfa, 45% Viking 3100 Alfalfa, 5% Climax Timothy, 5% HLR Orchardgrass \$123/50#

**CASH COW** Sucraseed High Sugar Grass Mixes-Great for Dairy--50% Aber HSG Perennial Ryegrass, 25% AberEve HSG Tetraploid Intermediate Ryegrass, 15% N-R-GEE Alfalfa, 5% Frosty Berseem Clover, 3% FIXatioN Balansa Clover, 2% Domino White Clover. \$77.50/25#

**GRAZING MIX**-20% Foregrazer V brand alfalfa, 25% Spring Green Festulolium, 10% Ruby Red Brand Medium Red Clover, 10% Linn Perennial Ryegrass, 15% Meadow Fescue, 10% Climax Timothy, 10% Annual Ryegrass. \$118.00/50#

**SUPER GRAZING MIX**-High quality and long-lasting pasture mix. 20% Barenbrug BG24T Perennial Ryegrass, 15% Barenbrug HDR Meadow Fescue, 15% Smooth, Bromegrass, 15% Ginger Grazing Bluegrass, 15% Spring Green Festulolium, 10% Barolex Tall Fescue, 2.5% Birdsfoot Trefoil, 5% Chicory VNS, 2.5% Alice Grazing White Clover. \$148/50#

## **GRASS-LEGUME MIXTURES** Continued

<b>GRAZERS ELITE MIX</b> -50% Tekapo Grazing Orchardgrass, 20% Duo Festulolium, 20% Power Perennial Ryegrass, , 7% Starfire Red Clover, 3% Legacy White Clover	<b>\$168/50#</b>
<b>GRAZERS GOURMET MIX</b> -30% Grazer Brand Alfalfa, 30% Tekapo Grazing Orchardgrass, 13% Power Perennial Ryegrass, 10% Duo Festulolium, 10% Bull Birdsfoot Trefoil, 7% Oasis Chicory	<b>\$184/50#</b>
<b>GREAT GAINS</b> Sucrose High Sugar Grass Mixes (great for sheep)-58% Aber HSG Perennial Ryegrass, 29% AberEve HSG Tetraploid Intermediate Ryegrass, 8% FIXatioN Balansa Clover, 5% Chicory	<b>\$67.75/25#</b>
<b>PASTURE &amp; WATERWAY MIX #9</b> -20% Fleet Meadow Bromegrass, 15% Duo Festulolium, 15% Profit Orchardgrass, 10% Lincoln Smooth Bromegrass, 10% Tuukka Timothy, 10% Bronson Tall Fescue, 10% Starfire Red Clover, 10% Alsike Clover	<b>\$78.50/25#</b>
<b>REEDSWAY PASTURE &amp; WATERWAY MIX</b> -15% Duo Festulolium, 15% Power Perennial Ryegrass, 10% Profit Orchardgrass, 10%, Lincoln Smooth Bromegrass, 10% Fleet Meadow Bromegrass, 10% Palaton Reeds Canarygrass, 10% Tuukka Timothy, 10% Starfire Red Clover, 10% Alsike Clover	<b>\$80.50/25#</b>
<b>HAYMAKER MIX</b> - Provides improved persistence, palatability, feed quality and tonnage. 75% 330M Alfalfa, 15% Climax Timothy and 10% Ruby Red Brand Medium Red Clover.	<b>\$113/50#</b>
<b>HOLSTEIN PRO</b> -A premium quality mixture formulated to support the high energy and nutritional demands of lactating dairy and beef cows. 45% Viking 370 HD Alfalfa, 45% 390AP Alfalfa, 5% HLR Orchardgrass and 5% STF-43 Tall Fescue Blend.	<b>\$173/50#</b>
<b>HAY MIX #1 Economo Mix</b> -70% Vernal Alfalfa, 15% Medium Red Clover, 15% Climax Timothy	<b>\$126/50#</b>
<b>HAY MIX #2 Super Hay Mix</b> -70% 2020 Supreme Brand Alfalfa, 15% Starfire Red Clover, 15% Tuukka Timothy	<b>\$168/50#</b>
<b>HAY MIX #3 All Purpose Mix</b> -63% 2020 Supreme Brand Alfalfa, 16% Persist Brand Red Clover, 15% Tuukka Timothy, 6% Alsike Clover.	<b>\$161/50#</b>
<b>HAY MIX #4 Lowland Mix</b> -42% Excel Brand 353 BR Alfalfa (w/Apex Green) OMRI Listed, 37% Persist Brand Red Clover, 16% Tuukka Timothy, 5% Alsike Clover	<b>\$172/50#</b>
<b>HAY MIX #6 Highland Mix</b> -82% 2020 Supreme Brand Alfalfa, 10% Starfire Red Clover, 8% Tuukka Timothy	<b>\$174/50#</b>
<b>HAY MIX #7 Dairyman's Dream</b> -90% 2020 Supreme Brand Alfalfa, 10% Tuukka Timothy	<b>\$171/50#</b>
<b>HAY MIX #8 Dairyman's Hy-Grass</b> -81% 2020 Supreme Brand Alfalfa, 9% Starfire Red Clover, 5% Profit Orchardgrass, 5% Tuukka Timothy	<b>\$177/50#</b>
<b>SWEET SILAGE</b> Sucrose High Sugar Grass Mixes (great for high carb silage)- 40% AberEve HSG Tetraploid Intermediate Ryegrass, 40% Aber HSG Perennial Ryegrass, 10% FIXatioN Balansa Clover 10% Dynamite Red Clover.	<b>\$119.50/50#</b>

## **SUMMER ANNUAL FORAGES**

### **MILLET: Do not use for horses-Avoid Prussic Acid Poisoning**

<b>German Foxtail Millet</b> -Used for hay due to fine stems and leafiness, produces a one cut crop, cut at late boot stage.	<b>\$41/50#</b>
<b>Hybrid Pearl Millet</b> - Tallest of the millets, 7-10', course and similar to sorghum-sudan but easier to dry down. Non BMR	<b>\$59/50#</b>
<b>Exceed Hybrid Pearl Millet</b> - Tallest of the millets. BMR	<b>\$73/50#</b>
<b>Japanese Millet</b> -Gives most tonnage of all millets. Makes 3-4 crops if not allowed to head out.	<b>\$43/50#</b>
<b>Proso Millet</b> -A grain millet, primarily used for bird and livestock feed.	<b>\$31/50#</b>

### **FORAGE SORGHUM-Avoid Prussic Acid Poisoning**

<b>Redtop Plus BMR Forage</b> -Use for grazing, silage, haylage, 7-9' tall, male sterile, gene 6, exc. palatability.	<b>\$68/50#</b>
<b>Bundle King Forage Sorghum</b> -Super sweet, tall sterile hybrid, exc. leaf to stem ratio, good for starting new calves, great for making homemade sorghum syrup, use for grazing or chopping.	<b>\$61/50#</b>
<b>Viking 401 BMR Forage Sorghum</b> -Single cut silage or green chop. Sweet stalk for excellent palatability. Manage for prussic acid.	<b>\$63/50#</b>

### **GRAIN SORGHUM--Avoid Prussic Acid Poisoning**

<b>Blue River 52R7</b> -52 days to 50% bloom-Very early, red grain, excellent standability, can be used as a double crop.	<b>\$90/50#</b>
<b>Blue River 59CT4</b> -Food use, ex. drought tolerance, high yield, very good standability & threshability, short-med tall, cream grain.	<b>\$90/50#</b>
<b>Blue River 63C5</b> -63 days to 50% bloom Ex. emergence & drought tolerance, very good yield & standability, med-tall plant, cream grain.	<b>\$90/50#</b>
<b>Blue River 67B4</b> -67 days to 50% bloom Exc. early growth in cooler soils, high yields, good standability, Bronze grain.	<b>\$90/50#</b>
<b>Blue River 76WT4</b> -Food use, very good yield & standability, medium-tall plant, white grain	<b>\$90/50#</b>
<b>Milo or Grain Sorghum OP-VNS</b> , 4-5 feet tall, matures in about 100 days	<b>\$25/50#</b>
<b>Rox Orange Cane</b> -Fast growing warm season annual grass, drought tolerant, 8-12', can produce sweet sorghum syrup.	<b>\$55/50#</b>
<b>WGF (Wild Game Food) Milo</b> -Early maturing, 24-34", Mid-bloom in 45 days, mature seed 85-100 days.	<b>\$52/50#</b>

### **SORGHUM SUDANGRASS-Avoid Prussic Acid Poisoning**

<b>BMR Sorghum Sudan Hybrid (NutriPlus)</b> -Preferred by livestock for its palatability and digestibility, Gene 6, BMR.	<b>\$55/50#</b>
<b>Viking 100 Brand Sorghum Sudangrass</b> -Good tonnage, fast establishment, high sugar content in stem (10-14%)	<b>\$27/50#</b>
<b>Viking 200 Brand Sorghum Sudangrass</b> -Brown mid-rib, superior quality forage, increase tillering, rapid growth, exc. palatability, digestibility	<b>\$51/50#</b>
<b>Viking 300 Photo-Sensitive BMR Sorghum Sudangrass</b> -Exc. forage quality, wide window for harvesting	<b>\$59/50#</b>
<b>Cadan WMR Sorghum Sudan Hybrids</b> - White mid rib, low lignin content, high protein/tonnage, high sugar, sweet flavor.	<b>\$48/50#</b>
<b>Tridan Sorghum Sudan Hybrid</b> -Leafy, highly nutritious, exc. grazing, hay, green chop, silage, recovers quickly.	<b>\$31/50#</b>

### **SUDANGRASS-Avoid Prussic Acid Poisoning**

<b>Piper Sudangrass</b> -Fast growing, annual grass, grows 4-7' tall, harvest at 30", high levels of energy & protein.	<b>\$45/50#</b>
<b>Pro-Max BMR Hybrid Sudangrass</b> -Brown mid-rib, low lignin content, high palatability & digestibility, gene 12.	<b>\$87/50#</b>

### **TEFF GRASS**

<b>VNS Teff Grass</b> - Warm season annual grass, produces high quality hay in relatively short growing season, OMRI Coated	<b>\$128/50#</b>
<b>Tiffany Teff Grass</b> -Warm season annual grass, produces high quality hay in relatively short growing season, OMRI Coated	<b>\$153/50#</b>

We offer a complete line of corn seed varieties from the following companies:



**Our most popular hybrid varieties are:**

<b>VIKING 60-01-101</b> day-Semi-flex ear, v.good t.wgt.grain & tolerance to Goss wilt, v.good overall plant health & fall stalk & root strength	\$160/Bag
<b>MASTERSCHOICE 5250-102</b> day-Floury, white cob, flex, enhanced silage & grain quality, outstanding health.	\$205/80M
<b>VIKING 40-03UP-104</b> day-Outstanding yield potential, wide soil range, ex. drought tolerance, med-short, ex. drydown	\$180/Bag
<b>PRAIRIE HYBRIDS 2607-103</b> day-Semi-flex on red cob, high yield potential, good drydown, and medium tall.	\$200/80M
<b>MASTERSCHOICE 5370-103</b> day-Semi-floury, semi-flex light red cob, taller, very competitive yields of silage or grain.	\$200/80M
<b>VIKING 51-04GS-104</b> day-Outstanding dual purpose, ex. digestibility, tonnage, & late season health, above avg. height, med.-heavy soils	\$160/Bag
<b>MASTERSCHOICE 5660-106</b> day-Semi-floury, massive flex leads to outstanding yield, lt. red cob, vg. stress tolerance.	\$205/80M
<b>MASTERSCHOICE 535-107</b> day-Semi-floury, high grain digestibility & sugar silage quality, quality & performance.	\$200/80M
<b>MASTERSCHOICE 5790-107</b> day-Semi-floury, strong emergence and early growth, high yield potential, semi-flex.	\$205/80M
<b>PRAIRIE HYBRIDS 5879-107</b> day-flex, pink cob, adapts well to all soil types, very consistent high yields.	\$200/80M
<b>PRAIRIE HYBRIDS 5200-108</b> day-flex, pink cob, responds well to manures, ex. silage hybrid, tonnage & digestibility, hand pick	\$200/80M

Note: MastersChoice with glyphosate tolerance may be ordered.

**UNTREATED OPEN-POLLINATED VARIETIES**

<b>UNTREATED Non-GMO REID YELLOW DENT-100-110</b> day open-pollinated corn. Produces large kernels and ears.	\$100/50#
<b>UNTREATED MN13 OP - 95-100</b> Day	\$86/80M Bag
<b>UNTREATED RAINBOW FLINT OP- 110</b> Day	\$86/80M Bag
<b>UNTREATED BLUE CORN OP - 110</b> Day-40M Bag	\$50/40M Bag
<b>UNTREATED BLOODY BUTCHER OP - 120</b> Day	\$96/80M Bag

**WILDLIFE SEEDS**

<b>BIG BUCK PERENNIAL MIX</b> -Formulated for long-term plots, mix contains items deer love including: Yellow Sweet Clover, Starfire Red Clover, Delar Burnett, Berseem Clover, Duo Festulolium, Jumbo Ladino Clover, and Chicory. Increases animal and antler size.	\$80/25#
<b>BIG BUCK ANNUAL MIX</b> -High energy, highly nutritious annual mix containing: Austrian Winter Peas, Forage Turnips, Swedes, Forage Brassicas, and Rape. Plant late summer/early fall.	\$45.50/25#
<b>BIG BUCK BRASSICA MIX</b> -A mix of our customer's favorite Brassicas. Mix includes: Purple Top Turnips, Multi-crowned Pasja Hybrid Brassica, Ground Hog Radish, and Dwarf Essex Rape. Excellent deer attractant and food.	\$2.56/#
<b>BIG RACK DEER MIX</b> -Perennial mix of Red, Crimson, & White Clover, Alsike Clover, Alfalfa, Perennial Ryegrass, Forage Rape	\$143/50#
<b>BUCKSHOP BRASSICAS</b> -Forage rape, Purple Top Turnip, Radish, Kale	\$26/8#
<b>DEER PELLETS by ANTLER KING</b> -Backyard treat or supplemental feed for deer. Contains: protein, vitamins, and special yeast culture.	\$17.99/50#
<b>HI-PROTEIN BIG BUCK BLOCK</b> -Magnet to keep deer in your area. Protein and nutrient-rich for antler and body growth.	\$25.50/25# Block
<b>SWEET SPOT MIX</b> -Specialty deer mix by Sucraseed with high sugar grasses for increased weight and antler size. Mixture includes: high sugar grasses, white and red clovers, berseem clover, Balansa clover, turnips and chicory.	\$37/10#
<b>FEATHER FLUSH</b> -Fast growing summer annuals. Great bird habitat & feed. Mix includes: Grain Sorghum, Buckwheat, Field Peas, Peredovic Sunflower, and Proso Millet.	\$65.50/50#
<b>FROSTY SUITE</b> -Austrian Winter Peas, Winter Wheat, Winter Rye, Buck Forage Oats	\$36/50#
<b>DELAR BURNETT</b> - Perennial evergreen forb that produces in the winter and is relished by wildlife.	\$188/50#
<b>PEREDOVIC SUNFLOWERS</b> -High yielding, high oil content sunflowers that are palatable and a great wildlife resource.	\$34/50#
<b>BUCK FORAGE OATS</b> -Wildlife specific oat variety that is late maturing and stays green into winter, increasing grazing potential.	\$37.50/50#
<b>SAINFOIN</b> -A non-bloating, deep-rooted perennial, very drought resistant, palatable legume for grazing. Good for honey production.	\$3.31/#
<b>SUGAR BEETS</b> -Very nutritious, leafy, palatable forage for deer. Deer will eat leaves and roots. High sugar and protein content.	\$7.06/#

Notes: A full line of **inoculants** is available upon request. **\$4.00** fee for Partial Bag

Catalog available upon request for Garden Seeds, Seed Potatoes, Onion Sets, Shallots.

**Early Pay Discounts:** Albert Lea Seed – Corn and Soybean Only Early Pay Discount of 3% paid by February 15, 2018  
 Blue River Hybrid –Early Pay Discount of: 4% until January 31, 2018; 3% until February 28, 2018; 2% until March 31, 2018; 1% -April 30, 2018  
 Welter Seed and Honey Company–All Items-Early Pay Discount of 4% until January 31, 2018; 3% until February 28, 2018. \$15 Discount on selected conventional alfalfa varieties if purchased by February 28, 2018.  
 MastersChoice Seed Corn-as an introductory offer, we will offer Masters Choice Corn Seed at the September Pre-Pay Discount Rate of \$12 off per bag until February 28, 2018.

# ORGANIC FERTILIZERS for 2018

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE and does not include shipping.

## SOIL TESTING

Soil testing is a valuable tool in determining the condition and needs of your soil. This can result in more productive crop yields, richer lawn and gardens, plus savings in your fertilization program. Analysis includes Cation Exchanges Capacity (C.E.C.) of your soil, pH, organic matter content and levels of potassium, phosphorus, calcium and magnesium as well as the base saturation percentages for calcium, magnesium, potassium and hydrogen. Recommendations are made using organic products. Simply take 8-10 probes of soil in area to be tested, mix together, and send 2 cups of mixture to us. Identify whether the test is for garden, lawn or field. If field, state what crop was planted last year and what crop will be planted this year. Allow at least **three weeks** for results. Call us for the Soil Testing Information Sheet that is right for you. Payment required with soil sample.

Basic Soil Test –\$20

Micronutrient Package (Additional tests for iron, copper, manganese, boron, sulfur, and zinc - \$20

If you desire, we will come and sample your soil and submit for testing. Call for prices.

## ORGANIC FERTILIZERS

### *Try Nature Safe Organic Fertilizers*

#### NATURE SAFE ORGANIC NITROGEN FERTILIZER (13-0-0) OMRI Listed. NOP Compliant. GREAT FOR CORN!

Promotes healthier soil, higher yields improve crop quality and less disease with Nature Safe Organic Fertilizers. Made from quality proteins, Nature Safe's 13-0-0 is the highest organic nitrogen formulation available commercially. NOP guidelines validate its unrestricted use in the production of organic certified crops. Nature Safe releases up to 12 times the available nitrogen versus manure. Controlled release granular/pellets deliver a balanced feed that will not leach. The water insoluble nitrogen will slowly release for 8-12 weeks. Will not burn plants or tender roots. Can be drilled, broadcast or used in top dress. Great for side dressing high nitrogen requiring plants such as corn. Field crops 200-400 lbs. in the row or more per acre based on nitrogen needs; Vegetables 200-400 lbs. or more per acre based on nitrogen needs. This results in more fertility value and improves application efficiency. Increase the return on your investment with Nature Safe 13-0-0.

Order early!

Ton in 50# Bags = \$1028.50 Ton in Tote=\$1019.70 50 lb. Bag (53#) = \$29.57

#### NATURE SAFE ORGANIC FERTILIZER (8-5-5) OMRI Listed. NOP Compliant.

Pelletized multi-purpose fertilizer. Ideal for vegetables, grains, and fruits of all kinds. Excellent for transplants and direct seeded crops. Contains Protein and Sulfate of Potash. Controlled release granular pellets deliver a balanced feed that will not leach. Helps buffer the soil against salt and improves soil structure for heat and drought tolerance. NOP Compliant for applicator up to day of harvest. Field crops 200 lbs. or more in the row per acre based on nutrient needs; Vegetables 250 lbs. or more per acre based on nutrient needs.

Order early! Ton in 50# Bags = \$938.50 50 lb. Bag (53#) = \$27

#### NATURE SAFE ORGANIC FERTILIZER (10-2-8) OMRI Listed. NOP Compliant.

An all season fertilizer. Enhances root and shoot stability with controlled plant growth. Well suited for areas with nitrogen and potassium deficiencies.

Order early!

Ton in 50# Bags = \$1098.90

50 lb. Bag (53#) = \$31.58

#### NATURE SAFE ORGANIC FERTILIZER (7-12-0) OMRI Listed. NOP Compliant.

Designed to deliver a fertility package with primary and secondary nutrients. Consists of various proteins such as meat, bone, and blood meals that provide a slow release nitrogen over an 8-12 week period. Well suited for areas with nitrogen and phosphorous deficiencies.

Order early! Ton in Totes only = \$852.50

#### NATURE SAFE ORGANIC FERTILIZER (9-0-9) OMRI Listed. NOP Compliant.

An organic fertilizer. Ideal for phosphorus sensitive applications. Humus added to buffer the soil against extreme salt concentrations and improve soil structure for tolerance during heat and drought conditions.

Order early!

Ton in 50# Bags = \$1098.90

50 lb. Bag (53#) = \$31.58

#### NATURE SAFE FOLIAR FERTILIZER (15-1-1) OMRI Listed

The highest and cheapest source of Foliar Nitrogen! A very soluble, dry, protein based, foliar, nitrogen fertilizer. Mixes easily and at high concentration with water. May be applied through spray, drip or pivot system.

40# Bag Powder-\$90 Cheap Foliar Nitrogen compared to fish!

All Prices FOB Cloverland Ag Service Millersburg, Ohio 44654

22 ton semi loads available at reduced prices.

#### *Ohio Earth Foods Why Re-Vita Fertilizers are Special*

*Our proprietary blend of all natural, organic fertilizers has been providing our loyal customers with proven results for decades. Re-Vita is made from a unique blend of composted poultry manure, humate and seaweed like no other. We use only egg laying poultry manure, high in vital calcium, typically 9% - 12%, fully composted for a minimum of 6 weeks using the turned windrow method, not intense heat. This breaks down organic matter slowly, through microbial activity, which purifies and concentrates nutrients and ensures that microbes survive and multiply. Billions of microscopic organisms will occupy every bag to Re-Vitalize your soil! Humate is added, a mined substance, rich in humic acid and carbon to enhance soil holding capacity, feed microbes and make nutrients available. Kelp is added to release growth stimulants in roots and supply micro nutrients and minerals. All of this is then pelletized together and then crushed so it will flow smoothly through your equipment.*

**Re-Vita PRO (5-4-5) OMRI Listed. NOP Compliant. 50# Bag = \$22.00 40 + 50# bags = \$16.49/bag 1 ton Tote = \$609.99**

The Legend is now OMRI listed! Widely used by the finest organic growers in the Mid-West. 8% to 9% Calcium and fully NOP compliant for application up to day of harvest. An all-natural blend of composted layer-hen manure, kelp, humate, boosted by feather meal, bone meal and sulfate of potash. The extra nitrogen, phosphorus and potash coupled with the trace minerals and live biological activity provided by the compost, kelp and carbon-rich microbe-feeding humate make this a superb choice for produce and field crops. The most complete organic fertilizer available

**Re-Vita PRO (5-4-5)** Continued

containing maintenance doses of Magnesium, Sulfur, Boron, Iron, Manganese, Copper and Zinc from natural sources to make sure all nutrients are unlocked. It just works!! Field crops 300 lbs. or more per acre in the row; Vegetables 400 lbs. or more per acre; Gardens 5 lbs. per 100 row ft. or 2 lbs. per 100 sq. ft.; Fruit and shade trees 2-3 lbs. per inch of diameter; Lawns 50 lbs. per 5,000 sq. ft.

**Order and pay in January and save \$40.00 per ton Order and pay in February and save \$20.00 per ton\*\*January or February – Free delivery on these products – See Below\*\***

**Re –Vita Compost Plus (3-4-3) NOP Compliant. 50# Bag = \$15.40 40 + 50# bags = \$9.40/bag 1 ton Tote = \$365.00**

A 100% natural blend of composted poultry manure, kelp, and humate, Re-Vita Compost Plus 3-4-3 is a complete slow release fertilizer for a variety of uses. The addition of kelp and humate provides a complex of trace minerals and bio-stimulants easily assimilated by plants. Contains a balanced source of nitrogen, phosphorus, and potash in a slow release form will feed your plants throughout the season. The addition of kelp and humate provide a complex of trace minerals and bio-stimulants easily assimilated by plants. These substances, plus high calcium content, enhance germination, root growth and overall soil and plant health. Improves structure, water holding capacity and aeration of the soil and revitalizes the biological activity in the soil. Uniform, granular form easy to spread. Excellent for gardens, flowers, shrubs, trees, and small grain field crops such as wheat and oats. Apply 5 lbs. per 100 row ft. or 2 lbs. per 100 sq. ft. for gardens, 2-3 lbs. per inch of diameter for fruit and shade trees, 50 lbs. per 3,000 sq. ft. for lawns, and 250-300 lbs. per acre for field crops.

**January Savings 5% Discount on one ton minimum, must be ordered and paid for by January 31, 2018\*\*  
February Savings 2.5% Discount on one ton minimum, must be ordered and paid for by February 28, 2018\*\*  
Free delivery for this item if purchased in January or February 2018- See Below\*\***

**RE-VITA HI-K (2-3-16) NOP Compliant. 50# Bag = \$30.99 40+ 50# bags = \$23.49 1 ton Tote = \$879.00**

An all natural blend of composted poultry manure, kelp, humate and sulfate of potash providing a biologically live fertilizer high in potassium. Improves soil low in sulfur and potash without high chlorine. Excellent for root crops such as potatoes, carrots, beets, and turnips, as well as alfalfa and soybeans. Apply 5 lbs. per 100 row ft. or 2 lbs. per 100 sq. ft. for gardens, 250-300 lbs. per acre for field crops.

**January Savings 5% Discount on one ton minimum, must be ordered and paid for by January 31, 2018\*\*  
February Savings 2.5% Discount on one ton minimum, must be ordered and paid for by February 28, 2018\*\*  
Free delivery for this item if purchased in January or February 2018-See Below\*\***

**CHILEAN NITRATE 15-0-2 PRILLS OMRI Listed. 50# Bag = \$31.99 40 plus 50# bags = \$28.00/bag**

For a boost of instantly plant-available Nitrate side dress 150-200# per acre on most vegetables and up to 225# on corn in early season (V4) when soil is still cool. Not to be used for more than 20% of total crop N need. Verify compliance you're your certifier. Dissolve 5# water per gallon for 6-0-0 liquid. Non-Hazmat.

**SOFT ROCK PHOSPHATE OMRI Listed. 50# Bag = \$17.00 40 plus 50# bags = \$11.80**

A granular, natural colloidal soft phosphate that contains 20% P2O5 and 20% calcium plus minor and trace minerals. Supplies phosphorus which is needed by all plants for cell enlargement and division, photosynthesis, and respiration. Promotes early root formation and growth. If you notice purple on the leaves of your crops, you may have a phosphorus deficiency. Slow release so it will not leach away like chemically treated or synthetic phosphate. 2% phosphate immediately available. Apply 1-3 lbs. per 100 sq. ft. for gardens, 300-1,000 lbs. per acre for farm crops.

**SOFT ROCK PHOSPHATE POWDER OMRI Listed 50 lb. Bag=\$17.00 40 plus 50lb. bags=\$12.20/bag**

To mix in potting soil or suspend in water. May mix in liquid fertilizer blends for calcium and phosphorous boost.

**Non-granular colloidal Soft Rock Phosphate OMRI Listed**

Non-standard size particles from dust to small pebbles. Needs to be spread with a large lime or drop spread, may still bridge. 13-15% P2O5 and 18-20% Calcium and full of trace minerals. Please call for bulk pricing.

**AZOMITE MINERAL AND TRACE ELEMENT POWDER OMRI Listed 44 lb. Bags = \$29.00 50 plus 44 lb. Bags \$22.00/bag**

When volcanic ash merged with seawater a mineral composition now called AZOMITE was created. AZOMITE represents the "A to Z" of minerals including trace elements. A fine powder, use AZOMITE to condition soil or mix with compost, manure or potting soil in the same way Jersey Greensand was used. For larger areas, we recommend 88 lbs. per acre. For established beds or house plants sprinkle ¼ cup around each plant. Mix 1-2 oz. per cu. ft. of potting soil.

**January Savings 5% Discount on one ton minimum, must be ordered and paid for by January 31, 2018\*\*  
February Savings 2.5% Discount on one ton minimum, must be ordered and paid for by February 28, 2018\*\*  
Free delivery for this item if purchased in January or February 2018\*\***

**AZOMITE GRANULAR OMRI Listed For use in fertilizer spreader 44 lb. Bags = \$32.00 50 plus 44 lb. Bags \$25.00/bag**

**January Savings 5% Discount on one ton minimum, must be ordered and paid for by January 31, 2018\*\*  
February Savings 2.5% Discount on one ton minimum, must be ordered and paid for by February 28, 2018\*\*  
Free delivery for this item if purchased in January or February 2018\*\***

**ASCOPHYLLUM NODOSUM KELP MEAL OMRI Listed 50 lb. Bag = \$56.00**

*Ascophyllum nodosum* kelp meal which contains 60 trace minerals in chelated form, 14 vitamins, plant growth regulators, enzymes, and hormones. Research shows that kelp improves seed germination, root and plant growth, fruit set, and overall health of plants. Makes plants more disease and stress resistant. Increases soil fertility and microbial population. Use by wise growers to amend most micro-nutrient deficiencies slowly and safely. Broadcast using ¼ lb. per 100 sq. ft. or 200 lbs. per acre. Use also as animal feed supplement.

**Order and Pay by January 31, 2018 Price for ½ ton minimum \$2.00off/50#. Order and Pay by February 28, 2017 Price for ½ ton minimum \$1.00 off/50#. Free delivery for this item if purchased in January or February 2017\*\***

**\*\*RESTRICTIONS for free delivery\*\* Some restrictions apply based on mileage and quantities. Any orders delivering in Ohio South West of US RT 33 add \$25.00 a ton. Discounted delivery charges may be applicable! Call for out of state delivery charges.**

**SULFATE OF POTASH (0-0-50) OMRI Listed 50# Bag = \$32.99 40+ 50# bags = \$27.50/bag 2000# tote = \$945.00**

A mined all natural source of potash (50%) without chlorine. Also contains 18% sulfur. Use ½ lb. per 100 sq. ft. or 200 lbs. per acre. Please call for bulk pricing.

**AGRO-LIG HUMATE****OMRI Listed****50 lb. Bag = \$18.99****56+ 50# bags = \$13.99/bag**

A mined, naturally occurring organic leonardite containing 65-75% high quality humic acids, 31% carbon, and a complex of other nutrients similar to chelates. Stimulates plant enzymes, root growth and beneficial soil organisms. Continued use improves the structure and organic content of the soil. For gardens apply 2 lbs. per 1000 sq. ft.; Field crops 100 lbs. per acre. Please call for bulk pricing.

**SOIL AMENDMENTS****10% GRANULAR BORON OMRI Listed****50# Bag = \$35.00****20+ 50# Bags = \$28.00/bag**

A dry granular 10% boron to amend boron deficiencies. Can be mixed in with other granular fertilizers.

**PELLETIZED DOLOMITE LIME NOP Compliant.****50# Bag = \$7.50****40+ 50# bags = \$6.30/bag**

A dust free pelletized dolomitic limestone. Easily spread with any type fertilizer equipment. Supplies 21% calcium and 12% magnesium.

Use 3-5 lbs. per 100 sq. ft.

**HI-CALCIUM LIME NOP Compliant****50# Bag = \$7.25****40+ 50# bags = \$6.25/bag**

A pelletized lime containing 30% calcium and 4% magnesium. Easy to spread. Use on soils low in calcium but high in magnesium. Apply 3-5 lbs. per 100 sq. ft.

**SULFUR OMRI Listed****50# Bag = \$21.50****40+ 50# Bags = \$18.50/bag**

90% sulfur for soil application. Useful in lowering soil p.H. Excellent for rhododendrons blueberries, azaleas and other acid loving plants. Easy to spread granular form. Use according to soil test recommendations, do not over apply. Maximum use 100 lbs. per acre or ¼ lb. per 100 sq. ft.

**GYPSUM NOP Compliant.****40# Bag = \$7.19 70+ 40# bags = \$6.25 200+ 40# bags = \$5.75/bag**

Pelletized, mined, natural calcium sulfate. Supplies 21% calcium and 16% sulfur. Loosens tight clay soils, aiding aeration and water penetration.

Use when calcium and sulfur are needed and pH is high. Use 2-3 lbs. per 100 sq. ft. Please call for bulk pricing.

**LIQUID FERTILIZERS & FOLIAR SPRAY****JUMPSTART II with MYCORRIZAE 4-1-6 NOP Compliant****20# pail = \$219.00****3+ 20# pails = \$200/pail**

Delivers macronutrients and micronutrients with humic acid to make them available with the spores of the miraculous mycorrhizal fungi to inoculate roots at time of planting. Pre-mix 1.5 lbs. in 2 or more gallons of water before adding to tank. Can be combined with other liquid fertilizers. Apply in row as liquid starter or use as transplant solution. Mix 2 pounds per acre to broadcast spray on sewn forage seeds.

Order & Pay by January 31, 2018 Price Save \$20.00/pail. Order & Pay by February 28, 2018 Price Save \$10.00/pail.

**ORGANIC GEM LIQUID FISH FERTILIZER 3-3-0.3 OMRI Listed****1 gal = \$29.50****6-17 gallons = \$26.50/gal.**

Fresh fish oil providing pure organic liquid fish rich in trace minerals, natural fish proteins, oils and collagen, free from heavy metals. Kept from freezing to reduce separation. Use banded into soil with/or before seed/transplant at a rate of 10 gal/acre on corn or 5 gal/acre for most vegetables. Foliar spray most crops at 5 gal/acre. Crop specific rates available. Must mix 1-part fish with a minimum of 15 parts water (50 parts water for foliar spray) and use 50 mesh screen or larger. Shake well before mixing, stir mix and do not let mix sit. Works very well mixed with 2 pints of 12% Bio-Hume per acre.

**18+ gallons = \$23.50/gal.****55 gallon drum = \$300****Call for larger quantities.****BIO-HUME 12% CONCENTRATED LIQUID HUMUS NOP Compliant.**

Gallon = \$24.00 5 Gallon Pail = \$84.99 275 gal. Tote = \$3245  
A 12% liquid humus derived from Leonardite. Enhances nutrient uptake of major nutrients (N-P-K) and trace elements like iron, zinc, and manganese. Increases seed germination, cell division, and root development of plants. Also improves structure, aeration, drainage and water holding capacities of soil. Contains humic acid but has no effect on soil pH. Use on flowers, vegetables, lawns and field crops. Soil application use 2 oz. per 1,000 sq. ft.; Transplanting and foliar feeding of fruits, vegetables, and lawns use 1 oz. per 1,000 sq. ft. Applications should be mixed in a minimum of 1 gallon water. Very beneficial on field/forage crops at 2 pints per acre. Can be mixed in same spray with liquid seaweed and fish.

**ORGANIC MOLASSES NOP Compliant. 50# jug (est. 5 gal.) = \$42.00 10+ 50# jug = \$37.99 258 Gallon Tote (3000#) = \$1830.00**

Organic Blackstrap Molasses. Add 1 oz. /5 gal. compost tea or other foliar spray or liquid fertilizer.

**MAXICROP SOLUBLE SEAWEED POWDER (0-0-17) OMRI Listed 10.7 oz. pouch = \$17.99 22# carton = \$249 44# carton = \$399.00**

A dehydrated seaweed extract with all the benefits of liquid seaweed, but at a lower cost. Easy to use powder dissolves quickly for spraying. One teaspoon makes a gallon of spray. (10.7 oz. powder makes one gallon of liquid concentrate.) Field crops general application: 2 lbs. per acre over the season.

**3-7 44# cartons = \$389.00 8+ 44# cartons = \$379.00**

Order & Pay by January 31, 2018 Price Save \$20.00/44# carton. Order & Pay by February 28, 2018 Price Save \$10.00/44# carton.

Order & Pay by January 31, 2018 Price Save \$20.00/22# carton. Order & Pay by February 28, 2018 Price Save \$10.00/22# carton

**STIMPLEX CROP BIOSTIMULANT OMRI Listed****2 ½ Gallon Jug = \$159.50****4+ 2 ½ Gallon Jugs = \$139.50**

A natural plant growth stimulant containing Cytokinins and a complex matrix of plant nutrients, trace elements, carbohydrates, and amino acids occurring in Ascophyllum Seaweed. Enhances plant growth and development by stimulating biological activity and cell division. Increases fruit set, brix levels and earlier maturity. Improves crop quality, marketable yields, and resistance to environmental stress. Use 1½-2½ pints per acre on vegetables, 2 pints per acre on field crops, 2-3 pints per acre on fruit, and 1½-2 pints per acre on turf. Rates are per application.

Order & Pay by January 31, 2018 Price Save \$20.00. Order & Pay by February 28, 2018 Price Save \$10.00.

**MICRONIZED SOLUBLE FISH POWDER with Crab (10-2-0) NOP Compliant. 25# box = \$159.00 5+ Boxes = \$150.00 each**

**20+ Boxes = \$139.00 each** Soluble fish powder, now micronized to dissolve better in water! An effective alternative to the high cost of using and transporting liquid fish. Mix 1 lbs. with 10 gallons of water to make liquid fish fertilizer that can be applied via drip, foliar spray or in a transplant solution. Use when extra nitrogen is needed and during periods of stress such as pre-bloom, early leaf development, and fruit set. Combine with soluble seaweed powder and liquid Bio-Hume for even better results. 2 lbs. per acre in 20 gallons of water.

Order & Pay by January 31, 2018 Price Save \$13.00/25# carton. Order & Pay by February 28, 2018 Price Save \$5.00/25# carton.

**ANIMAL FEED SUPPLEMENTS****ORGANIC MOLASSES NOP Compliant. 50# Jug (est. 5 gal) 55# = \$42.00 10+ 50# jug = \$37.00 258 Gal. Tote 3000# = \$1830.00**

Organic Blackstrap Molasses. Add 1 oz. per 5 gal. compost tea or other foliar spray or liquid fertilizer.

**ASCOPHYLLUM NODOSUM KELP MEAL OMRI Listed****50# bag = \$56.00**

As an animal feed supplement, kelp meal is the most economical way to provide a wide variety of amino acids, trace minerals and vitamins in a chelated form. It satisfies the need in animals for trace elements lacking or low in mixed feeds, pastures and other forages. It raises levels of production, improves digestion ability, and promotes healthy fur and coats. Improves the rates of conception and normal healthy births. Also helps increase the utilization of all feed ingredients and improves overall health of animals. Sea-Min is harvested from the cold fresh waters of the North Atlantic and sun-dried to preserve the natural vitamin and mineral content. Use at 1-2% of feed ration or free choice. Can be mixed 50-50 with salt or 1/3 each with salt and diatomaceous earth.

**DIATOMACEOUS EARTH NOP Compliant****50# bag=\$25.50**

Ground fossil shells from the remains of single-celled algae called diatoms. Untreated, unheated freshwater variety. Fine drying powder absorbs and dehydrates on contact. Can be used as an animal feed additive up to 2% of feed ration. Food Grade.

**INSECT AND DISEASE CONTROLS -OMRI LISTED PRODUCTS****DOUBE NICKEL BIOFUNGICIDE *Bacillus amyloliquefaciens strain D747*****2.5 Gallon - \$230.00****4+ Gallons - \$215.00**

A broad-spectrum preventative bio-fungicide/bactericide for control or suppression of plant diseases above and below ground to colonize root hairs preventing establishment of disease causing fungi and bacteria. Foliar application: For control of Bacterial spot and speck, Gray and White mold, Powdery mildew, Early and Late blight, Head and leaf drop, Pink rot, Leaf spot and Rusts. Mix 0.5 to 6 quarts per acre in sufficient water to achieve thorough coverage. Begin applications at crop emergence, transplanting, or when conditions are conducive. Repeat every 3 to 10 days. Soil application: For control of soil-borne diseases infecting seeds, seedlings, roots, crown, stems, below or in contact soil such as Damping off, Seedling blights, Bottom rot or crown diseases. Mix 0.5 to 4.5 pints per acre in sufficient water to apply: to transplants in flats or pots prior to or at transplanting; or banded in-furrow at planting. Follow-up applications can be made every 2-4 weeks by one or more of the following methods: Drip, Spray onto the soil surface and lower plant parts or Injection directly into the rooting zone using shanks. Can be mixed with other biofungicide.

**CARB-O-NATOR****5 lb. Bag - \$59.00****4+ Bags - \$55.00**

Contact fungicide that controls foliar diseases on a wide variety of crops. Contains same active ingredient, potassium bicarbonate, as Milstop(®), well-known for efficacy against disease with a high level of safety for bees and the environment. Contains built-in spreader sticker. Acts rapidly to cause dehydration and total collapse of spores and the mycelium of harmful fungi. Use for disease resistance management. Reentry interval four hours, zero-day pre-harvest interval and residue exempt. Mix at a rate of 2.5 to 5.0 lbs./A in 100 gallons of water. Spray solution to thoroughly wet stems and foliage at the first sign of disease. Apply a minimum of 20 gallons of mixed spray per acre. Concentration and frequency of application will depend upon disease pressure. Repeat application at 10 to 14-day intervals or as needed.

**NUCOP 50 WP****20 lb. Bag-\$127.00**

A soluble copper fungicide-bactericide for control of anthracnose, fire blight, canker, blossom end rot, scab, bacterial blights, downy and powdery mildew, leaf spot, black and brown rot, septoria and more. Use 2-3 oz. per gallon of water or 1-3 lbs. in 20 gallons of water per acre on vegetables, 1-12 lbs. per acre on fruit. Repeat every 7-10 days or as needed.

**LIFEGUARD WG BIOLOGICAL PLANT ACTIVATOR****1 lb. Bag- \$170.00 5+ Bags- \$160.00**

Abiological disease control agent (bacillus mycoides isolate j, or bmj) that reduces the occurrence and severity of plant disease by triggering natural defense mechanisms. Preventative applications (before appearance of disease symptoms) can reduce the incidence and severity of disease. Mix in combination or alternate with other fungicides to make them more effective. A wettable granular, mix with water and apply as a foliar spray 2 oz. Per acre before disease is observed. 3 – 5 Days for max. Level of protection, lasts up to 18 days. Apply to healthy, actively growing plants, not to plants stressed by drought, excessive moisture or temperatures. Can be applied up to the day of harvest.

**CUEVA****2.5 Gallons - \$135.00****4+ 2.5 Gallons - \$119.00**

A certifiable, flowable liquid copper fungicide for control of downy mildew, powdery mildew, white and gray mold, septoria, anthracnose, leaf and bacterial spot, bacterial blights, botrytis, scab, soft and bottom rot, early and late blights, dollar spot and more. Can be used on vegetables, fruits, field crops, herbs, ornamentals and turf. Use .5-2 gallons per acre. For best control, apply two weeks before diseases normally appear and repeat at 7-10 day intervals.

**SERENADE BIOFUNGICIDE****32 oz. Ready to Use-\$10.99****32 oz. Concentrate-\$21.95****3+ 32 oz. Concentrate-\$20.00**

A broad spectrum preventative biofungicide, Bacillus Subtilis (strain QST 713), recommended for the control or suppression of anthracnose, bacterial spot, black spot, black mold, botrytis, leaf blight, downy and powdery mildew, early and late blight, fire blight, gray mold, scab and more. Use on a wide variety of vegetables, fruit, flowers and ornamentals. For best results, apply prior to disease development or at first sign of infection. Repeat every 7 days. Can be applied up to and including the day of harvest. Mix 1-4 oz. concentrate per gallon of water. Use 15 oz. of spray solution per 100 sq. ft.

**SERENADE OPTI****10 lb. Bag - \$380.00****2+ 10 lb. Bags - \$356.00**

Commercial size wettable powder. Mix 14-20 oz./acre and begin spray soon after emergence or transplant. Repeat on 7- to 10-day interval. For improved control, use in a tank mix with copper-based bactericides at labeled rates.

**M-PEDE INSECTICIDAL SOAP****2-1/2 Gal. Concentrate - \$119.90****4+ 2-1/2 Gal. - \$95.99**

A natural insecticide made from potassium salts of fatty acids. Can be applied up to the day of harvest. Kills aphids, mealybugs, spider mites, leafhoppers, whiteflies, scales, grasshoppers, earwigs, etc., on contact but spares beneficial insects. Also controls powdery mildew. Use on house plants, vegetables, flowers and in greenhouses. Concentrated. Use a 2% spray solution per acre.

**DIATOMACEOUS EARTH INSECT KILLER****4.4 lb. Bag - \$12.50**

Made from the finely ground fossils of prehistoric fresh water diatoms. D.E. kills common household and garden pests like roaches, ants, fleas, beetles, slugs and other listed insects by mechanical means rather than poisons. Can also be used on pets for flea and tick control.

**DIPEL DF****1 lb. Pkg. - \$23.69****5 + 1 lb. Pkg.- \$20.00**

A biological insecticide containing a high concentration of Bacillus Thuringiensis sub. Kurstaki, strain H-D1. Controls the larvae of loopers, hornworms, armyworms, leaf-rollers, cabbageworms, cutworms, webworms, gypsy moths, tent caterpillars, alfalfa caterpillars, and other lepidopterous insects. Can also be applied to stored grain to control Indian Meal Moth. May be used up to day of harvest. Use 1/2-4 teaspoons per gallon of water or 1/4-2 lbs. per acre depending on crop and infestation.

### **MONTEREY B.T.**

Monterey B.T. (*Bacillus Thuringiensis*)\* A liquid microbial insecticide containing *Bacillus Thuringiensis*. Controls cabbage looper, hornworm, fruit tree roller, gypsy moth and other leaf eating worms. Nontoxic to humans, pets, birds, and bees. Apply when worms or caterpillars are first noticed, then at five to seven day intervals and after heavy rains. Must be eaten to be effective. Spray leaf surfaces thoroughly, top and bottom and use all of spray mixture within 24 hours. **FRUITS AND VEGETABLES:** Mix 1.5 fluid ounces per 3 gallons of water to cover an area of 1,000 square feet.

**MONTEREY GARDEN INSECT SPRAY (Spinosad)** 16 oz. Bottle-\$21.99 32 oz. Bottle-\$36.00 Gallon-\$115.00

**4+ Gallons-\$99.99** A bacterial product produced by fermentation of the naturally occurring product Spinosad. Can be used on ornamentals, lawns, vegetables, fruit trees, etc. to control caterpillars, Colorado Potato Beetles, leafminers, thrips, borers, beetles, armyworms, sod webworms, spider mites, loopers, gypsy moth, codling moth, fire ants, and more. A *Bacillus Thuringiensis* replacement. Very safe around predatory beneficial insects. Use 2 oz. per gallon of water.

### **MONTEREY HORT & DORM SPRAY OIL**

A superior type paraffinic oil that maybe used as a growing season spray or dormant oil spray to suffocate and repel eggs of red spiders, scale insects, aphids, bud moths, leaf roller, codling moth and other insects. Highly recommended for use on fruit and shade trees, shrubs, ornamentals, roses, and vegetables. Use 2-1/2 to 5 tablespoons per gallon of water.

**COMMERCIAL GROWER SIZE** -Use 1/2 to 6 gallons per acre depending on crop and season.

### **NEEM OIL**

An organic insecticide/fungicide containing 70% Neem Oil. Kills all stages of aphids, beetles, scale, mites, whitefly and leafrollers. Prevents and controls black spot, powdery mildew, anthracnose, blights and scab. Use on roses, flowers, fruit, vegetables, herbs and ornamentals. Use 2 tablespoons concentrate per gallon of water. Apply every 7-14 days. **MONTEREY 70% NEEM OIL\***

### **TRILOGY**

A certifiable fungicide-miticicide-insecticide containing 70% extract of Neem Oil. Use on vegetables, fruits, nuts, melons, ornamentals, and agronomic crops. Prevents and controls fungal diseases including black spot, powdery mildew, downy mildew, anthracnose, rust, leaf spot, botrytis, scab, blight, and alternaria. Also controls whiteflies, mealybugs, aphids, leaf-hoppers, mites and scales. Apply 1-2% solution every 7-14 days for diseases and every 7-21 days for insects.

### **SURROUND WP CROP PROTECTANT**

A natural mineral protectant for fruit trees and vegetables derived from Kaolin Clay. Coats the plants with a white powder film that acts as a broad-spectrum crop protectant. Can be used in home fruit and vegetable gardens as well as commercial orchards and vegetable farms for control of apple maggots, apple rust mites, codling moths, Japanese beetles, June beetles, leafhoppers, leafrollers, pear psylla, pear rust mites, plum curculio, Colorado potato beetles, cucumber beetles, flea beetles, and more. Must be applied early before pests arrive. Use 1/2 lb. (about 3 cups) per gallon of water or 50 lbs. per acre in 100-200 gallons of water. (1/2 gallon of mixed spray will cover about one mature semi-dwarf tree.) Reapply every 7-21 days or after heavy rains if the white appearance is gone.

### **PYGANIC CROP PROTECTON**

A botanical insecticide containing pyrethrum derived from chrysanthemums. Provides rapid knockdown to over 100 insects including ants, aphids, armyworms, cabbage loopers, cucumber beetles, flies, flea beetles, thrips, leafhoppers, Mexican bean beetles, and whiteflies. Approved for use on over 200 fruits and vegetables, as well as ornamentals. Can be used up to day of harvest and is non-persistent in the environment. Pyganic can also be used as a livestock, poultry, and barn spray to control flies, mosquitoes, lice, and other flying insects.

**Pyganic Garden 1.4%** Contains 1.4% pyrethrins. Use 1-2 oz. per gallon of water or 1-2 pints per acre in sufficient water for thorough coverage.

**Pyganic Specialty 5.0%** Contains 5.0% pyrethrins. Use 1/4 - 1/2 teaspoon per gallon of water or 4.5 - 16 oz. per acre in sufficient water for thorough coverage. **Quart - \$139.00 Gallon - \$529.00**

### **ENTRUST SC 22.5% SPINOSAD**

Effective against Colorado Potato Beetles, Spotted Wing Drosophila and Emerald Ash Borer. Now in a liquid concentrate for easier measuring and mixing. A new formulation of Spinosad that can be used alternately with BT to reduce the chances of creating resistant insect strains. Demonstrates good activity against pests like armyworms, thrips, leafminers, codling moth, cherry fruit fly, Spotted Wing Drosophila and many other pests in a wide range of organically grown crops. Two modes of action - both contact and ingestion - provide quick knockdown and some residual efficacy. 4 hr. REI. 2 yr. shelf-life. Depending on labeled application rate, will cover between 3.2 to 21 acres per quart.

### **MONTEREY FRUIT TREE SPRAY PLUS**

An organic combination of Pyrethrin plus Neem. Highly effective on an extensive array of insects including aphids, mealybugs, scale crawlers, spider mites, thrips, whiteflies, cabbage worms, earwigs, flea beetles, grasshoppers, Japanese beetles, squash bugs, and chinch bugs. The contact killing power of Pyrethrin with the lasting insect and disease prevention of neem oil. Water based. Use up to day of harvest.

### **WEEDGUARD PLUS BIODEGRADABLE PAPER BED MULCH**

The ultimate organic weed control! Lay over your garden or beds, cover the edges, cut x shaped holes and transplant through the paper! Cellulose fibers will stay in-tact for around 3-4 months to suppress weeds until canopy is established. Allows air and water through and can be tilled in. Can be laid with drip irrigation. 4' width is creped for use over raised beds or with layer. Longer rolls available for special order.

### **AVENGER WEED KILLER HERBICIDE**

A non-selective, non-systemic, post-emergence herbicide that kills weeds, grasses and broadleaves without adversely affecting the environment.

The active ingredient, citrus oil, naturally strips away the waxy plant cuticle, causing it to desiccate. Testing results prove that Avenger is as effective, but faster acting than synthetic herbicides! An economical alternative to hand weeding, flaming, mowing and cultivation. Annual and perennial weeds that germinate from seed can easily be controlled before they establish a robust root system. Established perennial grasses, broadleaves and weeds from rhizomes or root masses can be effectively top burnt, but complete control will require multiple treatments. Cooler season effectiveness allows you to eliminate weeds before they become established. When treating newly emerged weeds, apply Avenger prior to planting crops. This will create a clean seed bed. Seeded crops can be planted within 2 hours after application. Use a 14% dilution for general weed, grass and broadleaf control. **Page 17**

**Pint-\$12.99 Gallon-\$76.99 4+ Gallons -\$71.99**

**Quart - \$12.99 Gallon - \$31.99**

**2.5 Gallon- \$49.00**

**16 oz. Concentrate - \$22.99**

**2.5 Gallons - \$125.00 4+ 2.5 Gallon - \$110.00**

**25# Bag - \$44.00 10+ 25# Bags - \$39.99**

**Quart - \$49.00 Gallon - \$179.99**

**Quart - \$499 4+ Quart \$459.00**

**16 oz. Concentrate - \$17.99**

**24" X 250' - \$32.50 48" X 250' creped - \$56.50**

**Quart Concentrate-\$25.00 Gallon Concentrate-\$80.00 5 Gallon Concentrate-\$330.00**

## **POTTING SOIL- NOP COMPLIANT**

### **THE SEED CATAPULT**

**30 qt. (1 cu. ft.) Bag-\$9.50 60-240 Bags-\$8.10 240+ in pallet loads of 60-\$7.60**

After 2 years of testing on Tomatoes, Peppers, Arugula and other vegetables started indoors we have developed the ultimate blend to get your crops off to the very best start! We took our legendary Plant Pro Potting Soil, and worked with Myco Apply, makers of the best Mycorrhizal Fungi spores, to add a precise dose of this miraculous fungi. By adding Mycorrhizal fungi inoculant to seed starting soil the symbiotic relationship of the fungi and your plant will begin at the moment of germination to maximize nutrient and water uptake and disease prevention. We also added a dose of our fish and crab powder to feed the seedling, the bacteria and the fungi. 1 bag fills 6 x 128-cell trays or 9 x 200-cell trays.

### **PLANT PRO POTTING SOIL**

**30 qt. (1 cu. ft.) Bag-\$8.50 60-240 Bags-\$7.10 240+ in pallet loads of 60-\$6.60**

Our exclusive organic potting mix, widely used by professional growers throughout the mid-west to start seeds made from sphagnum peat moss, vermiculite, sharp sand, and perlite. Enriched with Re-Vita Compost Plus with kelp, humate, rock phosphate and greensand for better fertilization. Use on all house and bedding plants. Try it against your favorite soil! 1 bag fills 6 x 128-cell trays or 9 x 200-cell trays. **New bag – same trusted soil.**

**NOP COMPLIANT (National Organic Program) indicates the product is compliant to the best of our knowledge.**

*Certified growers should confirm acceptability with their certification agency.*

Small orders are shipped via UPS. Orders over 400 lbs. can usually be shipped more economically by freight. Please note that someone must be there to unload freight orders and finding a deliver location with a dock or forklift usually results in lower freight cost. We will gladly quote freight or delivery rate or help figure your UPS charges. Shipping weight must be added separately.

**Try NATURE SAFE ORGANIC FERTILIZERS! OMRI Listed**

**13-0-0 Great for Corn-Mini-pellets or crumbles**

**8-5-5, 9-0-9, 7-12-0 and 10-2-8 available. Foliar 15-1-1**

If you do not see what you are looking for here, visit us at: [www.cloverlandagservice.com](http://www.cloverlandagservice.com)

call us at 330-231-4484 or 330-231-4483 or email us at [jshennis@cloverlandagservice.com](mailto:jshennis@cloverlandagservice.com)

## **CLOVERLAND AG SERVICE LLC**

**Business Office at 6330 T. R. 309, Millersburg, Ohio 44654**

**Phone: 330-231-4484 330-231-4483**

**Warehouse Facility at 7422 County Road 201 Millersburg, Ohio 44654 (Pick-up by Appointment Only)**

**DELIVERY AVAILABLE**

**PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**

**THANK YOU FOR YOUR BUSINESS. Have a great year! ☺**