

# CLOVERLAND AG SERVICE LLC

MILLERSBURG, OHIO | 330-231-4484

PURVEYOR OF QUALITY ORGANIC AND NON-GMO SEEDS AT LOW PRICES

**WE WANT  
TO EARN YOUR  
BUSINESS!**

Visit [cloverlandagservice.com](http://cloverlandagservice.com)  
to download our entire catalog

**TO ORDER – CALL:**  
330-231-4484 or 330-231-4483  
**E-MAIL:**  
[jshennis@cloverlandagservice.com](mailto:jshennis@cloverlandagservice.com)

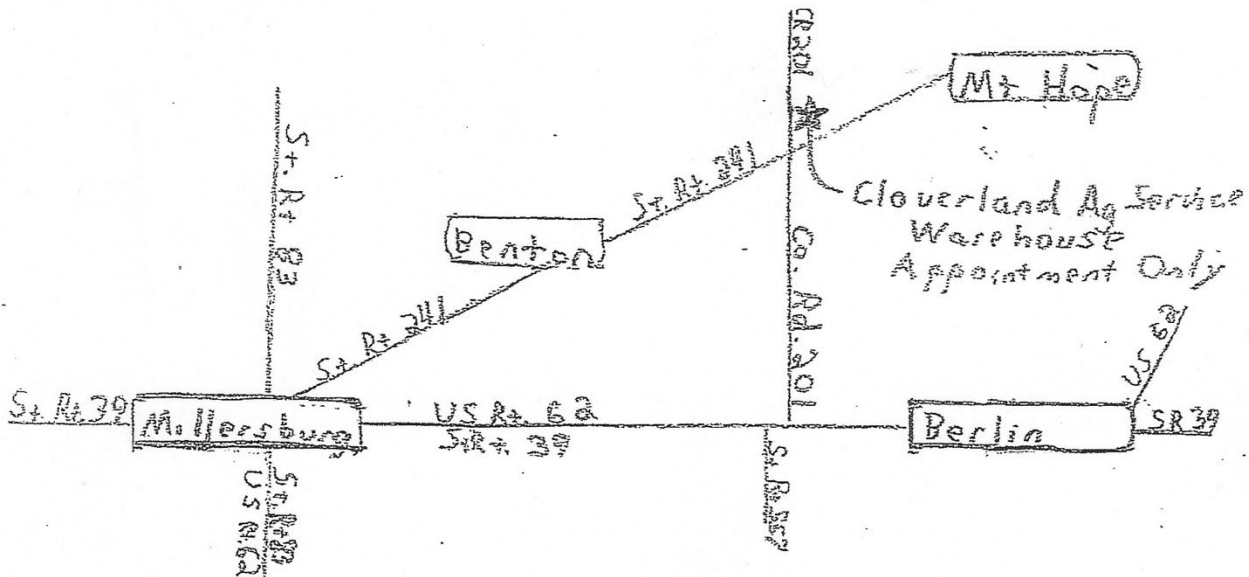
**WRITE:**  
**CLOVERLAND AG SERVICE LLC**  
6330 Township Road 309  
Millersburg, Ohio 44654

**WAREHOUSE FACILITY at**  
7422 COUNTY ROAD 201  
MILLERSBURG, OHIO 44654  
Pick-up by appointment only  
**DIRECT SHIPMENT &  
DELIVERY AVAILABLE**

We hope you have a blessed  
and fruitful growing season!



**TAKE AN ADDITIONAL \$5 OFF ON CORN AND ALFALFA SEED WITH  
CLOVERLAND'S ANYTIME DISCOUNT!**



## CLOVERLAND AG SERVICE LLC 2019 PRODUCT LIST

### CERTIFIED ORGANIC ALFALFAS-Preinoculated

<u>VIKING 5200 BRAND</u> —DRI 29/30 FD 5	\$265/50#
<u>VIKING 540LH BRAND</u> —DRI 34/35 WSI 1.9 FD 3.8	\$300/50#
<u>BLUE RIVER ROBIN</u> —DRI 34/35 WSI 2 FD 5	\$295/50#
<u>5301 MULTI-LEAF</u> – DRI 27/30 WSI 2.1 FD 4	\$294/50#
<u>BLUE RIVER SWIFT</u> DRI 31/35 WSI 2 FD 4	\$295/50#
<u>ALLSTAR BRAND</u> – DRI 27/30 WSI 2 FD 3	\$244/50#
<u>VNS CREEPING ALFALFA</u> -DRI 25/30 WSI 2 FD 2	\$289/50#
<u>VIKING 340M BRAND</u> -DRI 27/30 WSI 2 FD 3	\$265/50#
<u>VIKING 3200 BRAND</u> -DRI 28/30 WSI 2.6 FD 3.0	\$265/50#
<u>CHARGER BRAND</u> – DRI Limited WSI 2.2 FD 3.0	\$235/50#
<u>NITROGEN BRAND</u> – FD 9	\$275/50#

### CERTIFIED ORGANIC CLOVERS-Preinoculated

<u>ORG. MEDIUM RED CLOVER</u> -	\$163/50#
<u>ORG. RED STAR BRAND RED CLOVER</u> Improved	\$199/50#
<u>ORG. RED-WING BLEND RED CLOVER</u>	\$190/50#
<u>ORG. ALTA SWEDE MAMMOTH CLOVER</u>	\$134/50#
<u>ORGANIC DIXIE CRIMSON CLOVER</u>	\$120/50#
<u>ORGANIC LADINO CLOVER</u>	\$176/25#
<u>ORGANIC RIVENDEL WHITE CLOVER</u>	\$176/25#
<u>ORGANIC ALSIKE CLOVER</u>	\$185/50#
<u>ORG. ALSIKE w/7% YELLOW BLOSSOM SWEET</u>	\$115/50#
<u>ORGANIC YELLOW BLOSSOM SWEET CLOVER</u>	\$90/50#

### CERTIFIED ORGANIC NITROGEN-FIXING COVER CROPS

<u>ORG. HAIRY VETCH</u> -	\$128/50#
<u>ORGANIC YELLOW SWEET CLOVER</u>	\$90/50#
<u>ORG. ALTA SWEDE MAMMOTH CLOVER</u>	\$134/50#
<u>ORGANIC AUSTRIAN WINTER PEAS</u>	Ask
<u>SURVIVOR WINTER PEAS</u>	Ask
<u>ORGANIC SANFOIN</u>	\$135/50#
<u>ORG. PLOWDOWN BLEND</u> -Hardy Alfalfa, Mammoth Red Clover, Yellow Blossom Sweet Clover and Alsike Clover	\$135/50#
<u>ORGANIC PLOWDOWN MIX</u> 1/3 Mammoth Red Clover, 1/3 Alsike Clover, 1/3 Yellow Blossom Sweet Clover	\$144/50#

### CERTIFIED ORGANIC BIOMASS COVER CROPS

<u>ORGANIC BUCKWHEAT</u>	\$48/50#
<u>ORGANIC WINTER RYE</u>	\$22.50/56#
<u>ORGANIC AROOSTOOK WINTER RYE</u>	\$24/50#
<u>ORG. DEEP TILL RADISH</u>	\$3.87/#
<u>ORG. COVER CROP OATS</u> Non-Certified Jerry Oats	\$14.75/bu.
<u>ORGANIC GULF ANNUAL RYEGRASS</u> -	\$92/50#
<u>ORGANIC PURPLE TOP TURNIPS</u>	\$125/50#

### ORGANIC COVER CROP MIXES

ORGANIC NITROMAX CC1 48.5% Organic Oats 48.5% Organic Field Peas 3% Organic Radish Cover crop blend designed to maximize soil coverage and green manure production in the fall following early-harvested crops like small grains, sweet corn, vegetables, corn silage, or early soybeans. Excellent for chopping or grazing. Good scavenger of nitrogen and other leachable nutrients. The tall oats and field peas complement the radish in resource use and optimization, both above and below the ground.

Excellent fall growth and biomass accumulation that will winterkill in Upper Midwest. Works on a variety of soils. Not suited to be planted after corn grain harvest or soybeans. Not well suited to spring planting because the radishes will bolt and go to seed. Drill for best results. Optimum planting Date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 75-100 lbs. per acre. Depth ½” \$35/50#

ORGANIC VALUMAX CC2 60% Organic Annual Ryegrass 20% Organic Crimson Clover 20% Organic Radish Stretch your dollars with this diverse combination of small-seeded cover crops that build healthy soils, fix nitrogen, and sequester nutrients. Annual Ryegrass adds biomass and weed competition; crimson clover fixes nitrogen; and radish breaks up compacted soil. Can establish under shade and canopy with adequate moisture. Suitable for grazing in the fall. Not suited to be planted after corn grain harvest or soybeans. Drill, broadcast, or aerially apply. Optimum planting date: Last cultivation; August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 15-20 lbs. per acre Depth ¼” to ½” \$100/50#

ORGANIC WINTERMAX CC3 75% Organic Winter Rye 20% Organic Hairy Vetch 5% Organic Radish A winter-hardy blend that combines the hardiness and aggressiveness of winter rye, the nitrogen-fixation of hairy vetch, and the deep soil penetration of radishes. Winter-hardy species provide maximum soil health benefits ; covering the soil during periods of peak erosion, with excellent biomass production in the spring. Widely adapted for all soil types and fertility levels. Best planted after small grains, vegetables, corn silage or early soybeans. If planted after grain corn or late soybeans, the hairy vetch and radish growth will be minimal. Drill, broadcast or aerially apply. Optimum planting date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 50-75 lbs. per acre Depth: ¼” to ½” \$50/50#

ORGANIC SUMMERMAX CC6 40% Organic Buckwheat 40% Organic Soybeans 20% Organic Viking 220 Sorghum Sudangrass Vigorous growing warm-season cover crop mixture of summer annual grasses, broadleaves, and legumes blended for maximum summer growth, weed suppression, and soil building. Ideal for summer fallow soil building, to prevent unwanted plant situations, or as a diverse grazing/forage mixture. Competes well with weeds and produces tremendous growth and biomass. Provides summer grazing and forage. Suitable for all soil types and field situations. Control mixture at first sign of buckwheat flowers to prevent volunteer seeds. Drill for best results. Optimum planting date: May 30<sup>th</sup> to August 15<sup>th</sup> or when all danger of frost is past. Seeding rate: 40-50 lbs. per acre Depth: ½” \$54/50#

**ORGANIC CULTIVATION MAX CC8** 40% Organic Annual Rye  
 20% Organic Radish 20% Organic Medium Red Clover 15%  
 Organic Alsike Clover 5% Hardy Alfalfa Shade-tolerant  
 blend of organic cover crop species formulated for seeding  
 at last cultivation in corn (~V6 stage).Excellent small seeded  
 mix for companion planting with corn at last cultivation.  
 With adequate moisture, will emerge and stay semi-  
 dormant until corn crop starts dying back in the fall. Growth  
 will not impede growth or harvesting of the corn. Not  
 recommended for interseeding into soybeans as soybean  
 canopy is too dense and shady. Drill or broadcast. Best if  
 planting is timed with an upcoming rain and mechanically  
 drilled as opposed to broadcasting .Optimum planting date:  
 June 1<sup>st</sup> to July 5<sup>th</sup> –at last cultivation. Seeding rate: 12-15  
 lbs. per acre.  
 Depth ¼” to ½” \$125/50#

**ORGANIC PLOWDOWN BLEND CC9** 30% Organic Mammoth  
 Red Clover, 25% Organic Alsike Clover, 25% Organic Charger  
 Alfalfa (80% germ) and 20% Organic Yellow Blossom Sweet  
 Clover. A popular blend of cover crop legume for nitrogen  
 plowdown that produces abundant biomass and fixes  
 nitrogen for the following cash crop. Positions your fields  
 well for planting corn the next year. Adapted to varying soil  
 types and field conditions, excellent fit for underseeding  
 spring small grains or for frost seeding into winter grains  
 and should not interfere with small grain growth or harvest.  
 Can fix 50-100 lbs. of nitrogen per acre realizing the legumes  
 peak nitrogen fixation potential at flowering. Drill or  
 broadcast. Optimum planting date: February-May; August  
 1<sup>st</sup> to August 15<sup>th</sup>. Seeding rate: 12-15 lbs. per acre  
 Depth ¼” to ½” \$135/50#

**ORGANIC PLOWDOWN MIX** Organic mixture of fast  
 establishing nitrogen building clovers--excellent for  
 improving soil quality. 1/3 Organic Alta Swede Mammoth  
 Red Clover, 1/3 Organic Alsike Clover, and 1/3 Organic  
 Yellow Blossom Sweet Clover.  
 Seeding rate: Alone 12-15 lbs. acre  
 Depth ¼” \$144/50#

**CERTIFIED ORGANIC FORAGE GRASSES**

**ORGANIC GULF ANNUAL RYEGRASS-** \$92/50#  
**ORGANIC STORM INTERMEDIATE RYEGRASS** \$189/50#  
**ORG. PREMIUM PERENNIAL DIPLOID RYEGRASS** \$207/50#  
**ORG. TOMASO PERENNIAL DIPLOID RYEGRASS** \$185/50#  
**ORG. CALIBRA PERENNIAL TETRAPLOID RYEGRASS** \$207/50#  
**ORG. TIVOLI PERENNIAL TETRAPLOID RYEGRASS** \$207/50#  
**ORGANIC PERUN FESTULOLIUM** \$214/50#  
**ORGANIC FEDERO FESTULOLIUM** \$195/50#  
**ORGANIC LAURA MEADOW FESCUE** \$264/50#

**CERTIFIED ORGANIC FORAGE GRASSES -cont.**

**ORG. S.W. MINTO MEADOW FESCUE** \$230/50#  
**ORG. NIVA ORCHARDGRASS** April Delivery? \$289/50#  
**ORG. LUXOR ORCHARDGRASS** April Delivery? \$265/50#  
**ORGANIC KORA TALL FESCUE** \$264/50#  
**ORGANIC SWAJ TALL FESCUE** \$215/50#  
**ORGANIC CLIMAX TIMOTHY** \$135/50#  
**ORGANIC DOLINA TIMOTHY** \$169/50#  
**ORGANIC FLEET MEADOW BROME** \$252/50#

**ORGANIC FORAGE MIXTURES:**

**ORGANIC DAIRY PRO MIX** Premium alfalfa/ grass mixture  
 formulated for dairy cattle, exc. yield potential for hay,  
 baleage or silage, fast regrow. \$112.50/25#  
**ORGANIC GRAZE & CHOP MIX** Diverse mixture of legumes &  
 grasses furnish balanced ration for livestock, grasses highly  
 palatable \$97.50/25#  
**ORGANIC PASTURE MIX** Superior, long lasting mixture of cool-  
 season grasses. Suitable for new pasture or reinvigorating  
 existing pasture. \$102.50/25#  
**ORGANIC HAY GRASS MIX** of improved cool-season grasses well-  
 suited for use as an alfalfa or clover companion. \$107.50/25#  
**O-RENOVATOR MIX** Fast establishing high-energy ryegrass  
 mix to boost production in existing fields/pastures, persists 1  
 or 2 years. \$165/50#  
**O-BUFFER GRASS MIX** – Great mix for buffer strips along  
 organic fields. Can be used for hay or pasture. \$185/50#

**CERTIFIED ORGANIC SUMMER ANNUAL FORAGES**

**ORGANIC ALTA SEED AS9301 SUDANGRASS** \$126/50#  
**ORGANIC VIKING O-220 SORGHUM SUDANGRASS** \$89/50#  
**ORGANIC SWEET SIX BMR SORGHUM SUDANGRASS** \$99/50  
**ORGANIC GW-400 BMR FORAGE SORGHUM** Ask  
**ORGANIC ALTA SEED AF7107 FORAGE SORGHUM** \$150/50#  
**ORGANIC PROSO MILLET** \$32/50

**CERTIFIED ORGANIC GRAINS-Unless Stated**

**ORGANIC ND GENESIS SPRING BARLEY** 2-row malting \$25/bu.  
**ORGANIC CONLON SPRING BARLEY**-2 row malting \$28/bu.  
**ORGANIC ROBUST SPRING BARLEY**-6 row feed \$21.50/bu.  
**ORGANIC QUEST SPRING BARLEY**-6 row malting \$25/bu.  
**ORGANIC HAYES FORAGE BARLEY** \$29/bu.  
**ORGANIC WINTER BARLEY**—Call for Fall pricing

**ORGANIC BUCKWHEAT** \$48/50#

**ORGANIC DEON OATS** \$15.25/bu.  
**ORGANIC HAYDEN OATS** \$16.50/bu.  
**ORGANIC Non-certified JERRY OATS** \$14.75/bu.  
**ORGANIC REINS OATS** \$15.25/bu.  
**ORGANIC SHELBY 427 OATS** \$15.25/bu.  
**ORGANIC SUMO OATS** \$16.50/bu.

**ORGANIC STREAKER HULLESS OATS** \$23/bu.

**ORGANIC EVERLEAF 126 FORAGE OATS** Ask

**ORGANIC 4010 PEAS**-Forage \$31/50#  
**ORGANIC DS ADMIRAL PEAS**-Dual purpose \$31/50#  
**ORGANIC MONTECH 4193 YELLOW GRAIN PEAS** \$34.00/50#

**CERTIFIED ORGANIC GRAINS-Unless Stated cont.**

<u>ORGANIC AUSTRIAN WINTER PEAS</u>	Ask
<u>ORGANIC OAT/4010 PEA MIX</u> 50:50 mix	\$30/50#
<u>ORGANIC PEA OATLAGE</u> 45% Peas 55% Oats	\$28/50#
<u>ORGANIC BARLEY/DS ADMIRAL PEA MIX</u> 60:40 by wt.	\$30/50#
<u>ORGANIC TRITICALE/4010 PEA MIX</u> 50:50 Mix	\$31/50#
<u>ORGANIC PEA TRITLAGE</u> 45% Peas 55% Triticale	\$32/50#
<u>ORGANIC DAYTONA SUNFLOWERS</u> -175,000 seeds	\$255
<u>ORGANIC SPRING TRITICALE VNS</u>	\$30/50#
<u>ORGANIC WINTER TRITICALE</u> —Call for Fall pricing	
<u>ORGANIC EMMER WHEAT</u> -Hull on	\$65/50#
<u>ORGANIC LANG MN HARD RED SPRING WHEAT</u>	\$33/50#
<u>ORGANIC GLENN HARD RED SPRING WHEAT</u>	\$33/50#
<u>ORGANIC HARD RED WINTER WHEAT</u> —Call for Fall pricing	
<u>ORG. LIMAGRAIN L334 SOFT RED WINTER WHEAT</u>	21.75/50#
<u>ORGANIC LION SOFT RED WINTER WHEAT</u>	Ask
<u>ORGANIC WINTER RYE</u>	\$22.50/56#
<u>ORGANIC AROOSTOOK WINTER RYE</u>	\$24/56#
<u>ORGANIC 2171 BICOLOR SWEET CORN</u> 75days	\$55.05/#

**ORGANIC SEED CORN**

WE OFFER COMPLETE LINES OF SEED CORN VARIETIES FROM:

<u>MASTERS CHOICE</u>	<u>BLUE RIVER ORGANIC SEED</u>
<u>PRAIRIE HYBRIDS</u>	<u>VIKING CORN</u>

<u>ALBERT LEA ORGANICS</u>	<u>WELTER SEED &amp; HONEY CO.</u>
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Our most popular hybrids are:

<u>ORGANIC VIKING O.69-01UP</u> -101 day – Grain Corn	\$245/80M
<u>ORGANIC PRAIRIE HYBRID 3081</u> -104 day Grain	\$260/80M
<u>ORGANIC BLUE RIVER 43L96</u> -104 day-Floury Leafy	\$245/80M
<u>ORGANIC PRAIRIE HYBRID 4711</u> Dual Purpose	\$260/80M
<u>ORGANIC MASTERSCHOICE 5790</u> -107day-Semi-floury	\$244/80M
<u>ORGANIC MASTERSCHOICE 535</u> -107 day-Semi-floury	\$244/80M
<u>ORGANIC VIKING O.35-09PLF</u> -109 days Leafy-Floury	\$225/80M
<u>ORGANIC PRAIRIE HYBRID 5351</u> - 109 days Workhorse	\$260/80M
<u>ORGANIC BLUE RIVER 62G22</u> - 110 Day Grain/Silage	\$245/80M
<u>ORGANIC BLUE RIVER 66G25</u> -112 day Grain/Silage	\$245/80M
<u>ORGANIC MASTERSCHOICE 6150</u> -111 day Semi-floury	\$244/80M

Our most popular open-pollinated varieties are:

<u>ORGANIC ALBERT LEA E-95</u> -94-97 day open-pollinated	\$100/80M
<u>Non-GMO REID YELLOW DENT</u> -100-110 day Untreated, OP	\$101/80M

**ORGANIC SOYBEAN SEED**

WE OFFER COMPLETE LINES OF SOYBEAN SEED VARIETIES FROM:

<u>BLUE RIVER ORGANIC SEED</u>	<u>VIKING SOYBEANS</u>
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<u>ALBERT LEA ORGANICS</u>	<u>WELTER SEED &amp; HONEY CO.</u>
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**DKG SEED FARMS**

Our most popular varieties are:

<u>ORGANIC VIKING O-2265</u> -2.2 maturity, feed grade	\$43/140M
<u>ORG. VIKING O.2518</u> 2.5 maturity, feed grade	\$43/140M
<u>ORG. VIKING O.2188AT12N</u> 2.5 maturity, food grade	\$47/50#

**ORGANIC SOYBEAN SEED cont.**

<u>ORGANIC BLUE RIVER 26FO</u> 2.6 maturity, food grade	\$50/110M
<u>ORGANIC BLUE RIVER 27AC5</u> 2.7 maturity, feed grade	\$50/140M
<u>ORGANIC eMERGE 289</u> -2.8 maturity, feed grade	\$48/140M
<u>ORGANIC WYANDOT 14</u> -2.9 maturity	Ask
<u>ORGANIC STREETER</u> – 3.0 maturity	Ask
<u>ORGANIC BLUE RIVER 30C8</u> -3.0 maturity, feed grade	\$50/140M
<u>ORGANIC BLUE RIVER 34A7</u> - 3.4 maturity, feed grade	\$50/140M

**Non-GMO, UNTREATED ALFALFA SEED-Preinoculated**

<u>375HY-BR II BRAND ALFALFA</u> - DRI 30/30 WSI 1.8 FD 4	\$278/50#
<u>WL 365HQ ALFALFA</u> -DRI 30/30 WSI 1.1 FD 4.9	\$270/50#
<u>WL358LH Leafhopper ALFALFA</u> DRI30/30 WSI 2.0 FD 4.1	\$255/50#
<u>WS LOW LIGNIN ALFALFA</u> -DRI 30/30 WSI 1.7 FD 4.3	\$248/50#
<u>BLUE RIVER ROADRUNNER</u> -DRI 34/35 WSI 2 FD 4	\$240/50#
<u>WS LEAFGUARD LH ALFALFA</u> -DRI 30/30 WSI 2.4 FD 4	\$244/50#
<u>BLUE RIVER SKYLARK RL</u> -DRI 34/35 WSI 2 FD 4	\$240/50#
<u>BLUE RIVER RED FALCON BR</u> -DRI 34/35 WSI 1.6 FD 4	\$240/50#
<u>BLUE RIVER BLUEJAY 4HR</u> - DRI 35/35 WSI 2 FD 3	\$240/50#
<u>BLUE RIVER QUAIL ALFALFA</u> -DRI 30/30 WSI 2 FD 5	\$240/50#
<u>WS L550 Branch Rooted</u> -DRI 30/30 WSI 1.8 FD 4	\$228/50#
<u>HI-NITRO BRAND ALFALFA</u> -WSI 6 FD 9	\$228/50#
<u>VIKING 342LH Leafhopper</u> DRI 34/35 WSI 1.9 FD 3.8	\$225/50#
<u>VIKING 392AP ALFALFA</u> -DRI 35/35 WSI 1.7 FD 4	\$220/50#
<u>VIKING 372HD ALFALFA</u> -DRI 30/30 WSI 2 FD 4	\$220/50#
<u>FOREGRAZER V ALFALFA</u> -34/35 WSI 1.9 FD 3.5	\$215/50#
<u>EXCEL BRAND 353BR ALFALFA</u> -DRI30/30 WSI 1.7 FD 3.8	\$214/50#
<u>GALAXY II BRAND MULTILEAF</u> DRI 30/30 WSI 2.1 FD4	\$187/50#
<u>NITROGEN BRAND ALFALFA</u> -FD9	\$175/50#
<u>4241 CREEPING ALFALFA</u> -DRI 25/30 WSI 2 FD 2	\$170/50#
<u>2020 SUPREME ALFALFA</u> -DRI 29/30 WSI 2 FD 4	\$164/50#
<u>GRAZER BRAND ALFALFA</u> -DRI 25/30 WSI 2.1 FD 2	\$164/50#
<u>MULTI 5301 MULTI-LEAF</u> -DRI 27/30 WSI 2 FD 4	\$154/50#
<u>MATRIX CREEPING ALFALFA</u> -DRI 25/30 WSI 2 FD 2.5	\$155/50#
<u>VIKING 330M BRAND</u> -DRI 29/30 WSI 2.5 FD 3.2	\$150/50#
<u>VIKING 3100 ALFALFA</u> - DRI 28/30 WSI 2.6 FD 3	\$130/50#
<u>HONEST JOHN ALFALFA</u> FD 3	\$115/50#
<u>VERNAL ALFALFA</u> -DRI 11/30 WSI 2.2 FD 2	\$95/50#

**Non-GMO, UNTREATED CLOVERS Preinoculated**

<u>MEDIUM RED CLOVER</u> -	\$102/50#
<u>FREEDOM MR RED CLOVER</u> OMRI coated	\$96/25#
<u>MARATHON RED CLOVER</u>	\$154/50#
<u>PERSIST BRAND RED CLOVER</u>	\$146/50#
<u>RUBY RED BRAND RED CLOVER</u>	\$145/50#
<u>STARFIRE II RED CLOVER</u> Coated	\$169/50#
<u>ALTA SWEDE MAMMOTH RED CLOVER</u>	\$122/50#
<u>LEGACY WHITE CLOVER</u> Coated-Not for Organic	\$4.87/#
<u>NEW ZEALAND WHITE CLOVER</u>	\$175/50#
<u>RENOVATION WHITE CLOVER</u> C-Not for Organic	\$6.01/#
<u>WHITE DUTCH CLOVER</u>	\$174/50#
<u>LADINO WHITE CLOVER</u>	\$4.07/#
<u>JUMBO II LADINO CLOVER</u>	\$4.27/#
<u>ALICE GRAZING WHITE CLOVER</u> OMRI Coated	\$4.92/#
<u>ALSIAKE CLOVER</u>	\$174/50#
<u>ABERLASTING CLOVER</u> OMRI Coated	\$6.37/#

**Non-GMO, UNTREATED CLOVERS Preinoculated-cont.**

<u>FROSTY BERSEEM CLOVER</u>	\$142/50#
<u>CRIMSON CLOVER</u> OMRI Coated	\$69/50#
<u>FIXATION BALANSA CLOVER</u> OMRI Coated	\$124/50#
<u>WHITE BLOSSOM SWEET CLOVER</u>	\$162/50#
<u>YELLOW BLOSSOM SWEET CLOVER</u>	\$90/50#

**SAINFOIN, VETCHES, TREFOILS & CHICORY**

<u>SAINFOIN</u>	\$135/50#
<u>HAIRY VETCH</u>	\$99/50#
<u>CROWN VETCH</u>	Ask
<u>BRUCE BIRDSFOOT TREFOIL</u>	\$5.57/#
<u>BULL BIRDSFOOT TREFOIL</u>	\$5.82/#
<u>OASIS CHICORY</u>	\$6.12/#
<u>FORB FEAST CHICORY</u> OMRI Coated	\$6.12/#
<u>PLANTAIN</u>	\$6.12/#

**Non-GMO, UNT. NITROGEN FIXING COVER CROPS****COOL SEASON:**

<u>HAIRY VETCH</u>	\$99/50#
<u>4010 FIELD PEAS</u>	\$24/50#
<u>AUSTRIAN WINTER PEAS</u>	\$33/50#
<u>WHITE BLOSSOM SWEET CLOVER</u>	\$162/50#
<u>YELLOW BLOSSOM SWEET CLOVER</u>	\$90/50#
<u>ALTA SWEDE MAMMOTH RED CLOVER</u>	\$122/50#
<u>CHICKLING VETCH/A C GREENFIX</u>	\$57/50#
<u>LENTILS</u>	\$41/50#
<u>WHITE SWEET LUPIN</u>	\$53/50#
<u>FABA BEANS aka FAVA</u>	\$39/50#
<u>PLOWDOWN ALFALFA</u>	\$228/50#
<u>PLOWDOWN MIX</u> 24% Alfalfa, 24% Mammoth Red, 24% Alsike, 24% Sweet Clover, and 4% Ladino	\$131/50#
<u>NO-SWEET PLOWDOWN MIX</u> 32% Alfalfa, 32% Mammoth Red, 32% Alsike Clover, and 4% Ladino	\$141.25/50#

**WARM SEASON:**

<u>FROSTY BERSEEM CLOVER</u>	\$142/50#
<u>FIXATION BALANSA CLOVER</u>	\$124/50#
<u>CRIMSON CLOVER</u>	\$69/50#
<u>COWPEAS</u>	\$61/50#
<u>SUNN HEMP</u>	\$119/50#

**Non-GMO, UNTREATED BIOMASS COVER CROPS**

<u>GULF ANNUAL RYEGRASS</u>	\$53/50#
<u>BUCKWHEAT</u>	\$40/50#
<u>COVER CROP BRAND OATS</u>	\$11/bu.
<u>GROUNDHOG RADISH</u>	\$2.32/#
<u>TILLAGE RADISH</u>	\$135/50#
<u>DAIKON RADISH</u>	\$85/50#
<u>YELLOW MUSTARD</u>	\$65/50#
<u>PACIFIC GOLD MUSTARD</u>	\$148.50/50#
<u>PHACELIA</u>	\$175/50#
<u>DWARF ESSEX RAPE</u>	\$50/50#
<u>PURPLE TOP TURNIPS</u>	\$2.77/#
<u>WINTER RYE</u>	\$19.75/56#

**UNTREATED, Non-GMO COVER CROP MIXES**

**NitroMax CC1** 48.5% Oats 48.5% Field Peas 3% Radish  
Cover crop blend designed to maximize soil coverage and green manure production in the fall following early-harvested crops like small grains, sweet corn, vegetables, corn silage, or early soybeans. Excellent for chopping or grazing. Good scavenger of nitrogen and other leachable nutrients. The tall oats and field peas complement the radish in resource use and optimization, both above and below the ground. Excellent fall growth and biomass accumulation that will winterkill in Upper Midwest. Works on a variety of soils. Not suited to be planted after corn grain harvest or soybeans. Not well suited to spring planting because the radishes will bolt and go to seed. Drill for best results. Optimum planting Date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 75-100 lbs. per acre. Depth ½" \$29/50#

**ValueMax CC2** 60% Annual Ryegrass 20% Crimson Clover 15% Radish 5% Dwarf Essex Rape  
Stretch your dollars with this diverse combination of small-seeded cover crops that build healthy soils, fix nitrogen, and sequester nutrients. Annual Ryegrass adds biomass and weed competition; crimson clover fixes nitrogen; radish breaks up compacted soil; and rape establishes quickly for soil protection. Can establish under shade and canopy with adequate moisture. Suitable for grazing in the fall. Not suited to be planted after corn grain harvest or soybeans. Drill, broadcast, or aerially apply. Optimum planting date: Last cultivation; August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 15-20 lbs. per acre Depth ¼" to ½" \$60/50#

**WinterMax CC3** 75% Winter Rye 20% Hairy Vetch 5% Radish  
A winter-hardy blend that combines the hardiness and aggressiveness of winter rye, the nitrogen-fixation of hairy vetch, and the deep soil penetration of radishes. Winter-hardy species provide maximum soil health benefits; covering the soil during periods of peak erosion, with excellent biomass production in the spring. Widely adapted for all soil types and fertility levels. Best planted after small grains, vegetables, corn silage or early soybeans. If planted after grain corn or late soybeans, the hairy vetch and radish growth will be minimal. Drill, broadcast or aerially apply. Optimum planting date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 50-75 lbs. per acre Depth: ¼" to ½" \$43/50#

**GrazeMax CC4** 48% Barley 48% Oats 2% Kale 2% Turnips  
Mixture specifically formulated for cost-effective biomass production for fall grazing. Oats and barley consistently produce the most fall tonnage in the Upper Midwest. Kale and turnips diversify this blend and add additional digestible protein and is palatable late into the fall. High seeds to pound ratio and low cost make this an easy choice for fall forage. Well adapted to varied soil types and seeding methods. Excellent fit after hayfield termination, small grains, sweet corn or silage corn. Grazing livestock will paw bulbs out of the soil after a frost. Not a good fit for after full-season grain corn or soybeans. Drill or broadcast. Optimum seeding date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 75 to 100 lbs. per acre  
Depth ¼" to ½" \$25/50#

**SummerMax CC6** 30% Buckwheat 30% Cowpeas 10% Sorghum Sudangrass 15% Proso Millet 10% Sunn Hemp 5% Sunflowers  
Vigorous growing warm-season cover crop mixture of summer annual grasses, broadleaves, and legumes blended for maximum summer growth, weed suppression, and soil building. Ideal for summer fallow soil building, to prevent unwanted plant situations, or as a diverse grazing/forage mixture. Competes well with weeds and produces tremendous growth and biomass. Provides summer grazing and forage. Suitable for all soil types and field situations. Control mixture at first sign of buckwheat and sunn hemp flowers to prevent volunteer seeds. **Note: Sunn hemp seed is toxic to livestock. Grazing and forage should not be done if sunn hemp has set seed. Additionally, sunn hemp becomes woody and fibrous if allowed to mature beyond the first flower (>60 days)** Drill for best results. Optimum planting date: May 30<sup>th</sup> to August 15<sup>th</sup> or when all danger of frost is past. Seeding rate: 40-50 lbs. per acre  
Depth: ½" \$43/50#

**MultiMax CC7** 40% Annual Ryegrass 15% Crimson Clover 15% Berseem Clover 15% Lentils 5% Radish 5% Turnips 5% Dwarf Essex Rape  
High diversity of grasses, legumes, and brassicas. Smaller seed size and high seeds per pound provide premium diversity at a relatively low cost. Adaptable to any field condition or soil. Can establish under shade and canopy with adequate moisture. Not a good fit after grain corn or soybeans. Drill, broadcast, or aerially apply. Plant with impending rain if possible. Optimum planting date: Last cultivation; August 1st to September 15<sup>th</sup>. Later planting will reduce the prevalence of clovers. Seeding rate: 15- 20 lbs. per acre  
Depth: ¼" to ½" \$69/50#

**N-Vest® Crimson Cover-All Mix** Mixture containing Crimson Clover and GroundHog Radishes. Both produces and scavenges nitrogen—Crimson Clover can produce up to 140 units of nitrogen per acre and GroundHog Radishes can scavenge up to 130 units of nitrogen per acre. Optimum planting time: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 17-20 lbs. per acre.  
Depth: ¼" \$80.25/50#

**N-Vest® Forager Mix** Mixture containing Oats, Winter Rye, and Appin Turnips. Excellent choice for aerial application into standing row crops. Ideal grazing in the winter and spring with 3.5 pounds per day of weight gain on cattle. Scavenges nitrogen. Optimum planting date: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 105 lbs. per acre  
Depth: ¼" to ½" \$24.35/50#

**N-Vest® NutriBuilder Mix** Mixture of cold tolerant Annual Ryegrass, Crimson Clover, and GroundHog Radish. Produces up to 60-100 units of nitrogen per acre. GroundHog Radishes can scavenge up to 130 units of nitrogen per acre. Annual Ryegrass can scavenge up to 300 units of nitrogen per acre. Optimum planting time: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 21 lbs. per acre  
Depth: ¼" to ½" \$69.25/50#

**N-Vest® Groundbreaker Mix** Mixture contains Austrian Winter Peas and GroundHog Radishes. Mix will aid in ground aeration and alleviation of compaction. Peas can produce up to 120 units of nitrogen per acre. GroundHog Radishes can scavenge up to 130 units of nitrogen per acre. Mixture will suppress weeds and increase row crop yields. Optimum planting time: August 1<sup>st</sup> to September 15<sup>th</sup>. Seeding rate: 35 lbs. per acre.  
Depth: ½" \$ 59.50/50#

### **Non-GMO, UNTREATED BRASSICAS**

<b><u>PASJA HYBRID FORAGE BRASSICA</u></b>	\$3.37/#
<b><u>T-RAPTOR HYBRID FORAGE BRASSICA</u></b>	\$2.87/#
<b><u>BARSICA FORAGE RAPE SEED</u></b>	\$42.25/25#
<b><u>BONAR RAPE SEED</u></b>	\$2.92/#

### **Non-GMO, UNTREATED BRASSICAS-cont.**

<b><u>DWARF ESSEX RAPE</u></b>	\$50/50#
<b><u>KALE</u></b>	\$205/50#
<b><u>KESTREL KALE</u></b>	\$5.62/#
<b><u>MAJOR PLUS SWEDE</u></b>	\$5.37/#
<b><u>APPIN FORAGE TURNIPS</u></b>	\$3.37/#
<b><u>BARKANT FORAGE TURNIPS</u></b>	\$2.52/#
<b><u>PURPLE TOP TURNIPS</u></b>	\$2.77/#

**Non-GMO, UNTREATED Cert. SMALL GRAINS**

**KWS TINKA SPRING BARLEY** (NC)2-row malting \$19.50/bu.  
**ND GENESIS SPRING BARLEY**2-row malting \$17.50/bu.  
**ROBUST SPRING BARLEY** (NC)6-row malting \$17.50/bu.  
**HAYES FORAGE BARLEY**Non-certified \$23/bu.  
**WINTER BARLEY** Call for Fall Varieties and Pricing

**BUCKWHEAT** \$40/50#

**A C MORGAN MILLING OATS** Non-Cert. \$12.50/bu.

**ANTIGO OATS** \$12.80/bu.

**ARMOR GRAIN OATS** \$13/bu.

**DEON OATS** \$13.25/bu.

**GR 65 GRAIN OATS** \$13.50/bu.

**HAYDEN OATS** \$13.25/bu.

**HORSEPOWER OATS** \$13.25/bu.

**INO9201 OATS** Non-Certified \$12.80/bu.

**JERRY OATS** NC-\$12.50/bu. Cert. \$13.25/bu.

**MORTON OATS** Non-Certified \$12.50/bu.

**REINS OATS** \$13.25/bu.

**SABER GRAIN OATS** \$13/bu.

**SHELBY 427 OATS** \$13.25/bu.

**GOLIATH FORAGE OATS** \$13.50/bu.

**FORAGE PLUS FORAGE OATS** \$17.90/bu.

**4010 FIELD PEAS** Forage \$24/50#

**DS ADMIRAL YELLOW FIELD PEAS** Dual \$25/50#

**AUSTRIAN WINTER PEAS** \$33/50#

**SURVIVOR WINTER PEAS** \$46/50#

**OAT/4010 PEA MIX** \$22.50/bu.

**BARLEY/4010 PEA MIX** \$22.50/bu.

**TRITICALE/4010 PEA MIX** \$22.50/bu.

**COMET SPELT** Ask

**MAVERICK SPELT** Ask

**SONIC SPELT** Ask

**SUNGOLD SPELT** Ask

**PEREDOVIC SUNFLOWERS** \$35/50#

**SPRING TRITICALE** \$21.25/50#

**WINTER TRITICALE** Call for Fall Prices

**LIMAGRAIN L334 SOFT RED WINTER WHEAT** \$18/50#

**LION SOFT RED WINTER WHEAT** Ask

**WINTER RYE** Call for Fall Varieties and Pricing

**Non-GMO, UNTREATED GRASSES**

**BALIN GRAZING KENTUCKY BLUEGRASS** \$155/50#

**GINGER FORAGE KENTUCKY BLUEGRASS** \$160/50#

**FLEET MEADOW BROMEGRASS** \$145/50#

**LINCOLN BROMEGRASS** \$162/50#

**Non-GMO, UNTREATED GRASSES-cont.**

**HAKARI MOUNTAIN BROMEGRASS** \$194/50#

**PALATON REED CANARY GRASS** \$5.37/#

**PREVAL MEADOW FESCUE** \$130/50#

**HDR MEADOW FESCUE** \$144/50#

**VNS MEADOW FESCUE** \$120/50#

**BAROLEX TALL FESCUE** \$157/50#

**BRONSON TALL FESCUE** \$114/50#

**COWGIRL TALL FESCUE** \$100/50#

**MILKWAY FESCUE BLEND**

\$152/50#

**STF 43 TALL FESCUE**

\$144/50#

**DUO FESTULOLIUM**

\$108/50#

**SUGARCREST FESTULOLIUM**

\$114/50#

**SPRING GREEN FESTULOLIUM**

\$102/50#

**DEVOUR GRAZING ORCHARDGRASS**

\$194/50#

**LYRA/ELISE ORCHARDGRASS**

\$195/50#

**TIFFANY TEFF GRASS** OMRI COATED

\$139/50#

**AMBA ORCHARDGRASS**

\$165/50#

**HLR ORCHARDGRASS**

\$110/25#

**PROFIT ORCHARDGRASS**

\$194/50#

**LATAR ORCHARDGRASS**

\$188/50#

**TEKAPO GRAZING ORCHARDGRASS**

\$196/50#

**BRUISER ANNUAL RYEGRASS**

\$56/50#

**ROOTMASTER ANNUAL RYEGRASS**

\$64/50#

**GULF ANNUAL RYEGRASS**

\$53/50#

**RIVAL ANNUAL RYEGRASS**

\$56/50#

**VNS ANNUAL RYEGRASS**

\$57/50#

**FEAST II ITALIAN RYEGRASS**

\$72/50#

**FOX ITALIAN RYEGRASS**

\$82/50#

**GREEN SPIRIT ITALIAN RYEGRASS**

\$94/50#

**BG-24T PERENNIAL RYEGRASS**

\$119/50#

**BG-34 PERENNIAL RYEGRASS**

\$119/50#

**LINN PERENNIAL RYEGRASS**

\$94/50#

**PAYDAY PERENNIAL RYEGRASS**

\$112/50#

**SIERRA PERENNIAL RYEGRASS**

\$80/50#

**BARPENTA/BARFLEO TIMOTHY**

\$125/50#

**CLIMAX TIMOTHY**

\$51/50#

**TUUKKA TIMOTHY**

\$89/50#

**Non-GMO, UNTREATED FORAGE MIXTURES GRASS-ONLY --**

Mix % and components may change based on availability.

**GRAZERS SPECIAL MIX**-20% Tekapo Grazing Orchardgrass, 20% Payday Perennial Ryegrass, 20% Duo Festulolium, 20% Meadow Fescue, 20% Lincoln Smooth Bromegrass \$144/50#

**GRAZERS SUPREME MIX**-30% Fleet Meadow Bromegrass, 20% Tekapo Grazing Orchardgrass, 20% Payday Perennial Ryegrass, 20% Meadow Fescue, 10% Duo Festulolium. \$152/50#

**PASTURE GRASS #1 MIX**-15% Smooth Bromegrass, 15% Meadow Fescue, 15% Cowgirl Tall Fescue, 20% Spring Green Festulolium, 20% Sierra Perennial Ryegrass. \$57.50/25#

**HAY GRASS #2 MIX**-40% STF 43Tall Fescue Blend, 30% HLR Orchardgrass 30% Fleet Meadow Bromegrass. \$72.50/25#

**DAN PATCH HORSE PASTURE MIX**-20% Ginger Grazing Bluegrass, 20% Concerto Kentucky Bluegrass, 15% Barolex Tall Fescue, 15% HDR Meadow Fescue, 10% 24BG 24T Perennial Ryegrass, 10% Climax Timothy, 10% Annual Ryegrass. \$155/50#

**Non-GMO, UNTREATED FORAGE MIXTURES GRASS-ONLY-cont.**

**PLEASURE HORSE II MIX**-20% Tekapo Grazing Orchardgrass, 20% Preval Meadow Fescue (Endophyte Free), 20% Fleet Meadow Bromegrass, 10% Payday Perennial Ryegrass, 10% Duo Festulolium, 10% Bronson Tall Fescue (Endophyte Free), 5% Ginger Forage Kentucky Bluegrass, and 5% Tuukka Timothy. \$149/50#

**RENOVATOR MIX**-40% Spring green Festulolium, 15% HLR Orchardgrass, 15% Hakari Alaska Bromegrass, 15% Tetilia Italian Ryegrass, 15% Annual Ryegrass VNS \$105/50#

**RENOVATOR SPECIAL MIX**-40% Payday Perennial Ryegrass, 35% Duo Festulolium, 25% Rival Annual Ryegrass. **\$99.50/50#**  
**SHADY PASTURE MIX**-20% HLR Orchardgrass, 15% HDR Meadow Fescue Blend, 15% Barolex Tall Fescue Blend, 15% Chewing Fescue, 15% Tetilia Italian Ryegrass, 10% Creeping Red Fescue, 10% Hard Fescue **\$155/50#**  
**NRCS WATERWAY MIX**- 67% Smooth Bromegrass, 13% Sierra/Linn Perennial Ryegrass and 20% Climax Timothy. **\$135/50#**

**WATERWAY MIX**-20% Smooth Brome, 10% Concerto Kentucky Bluegrass, 10% Fawn Tall Fescue, 15% Meadow Fescue VNS, 15% Fleet Meadow Bromegrass, 10% Annual Ryegrass, 15% Sierra Perennial Ryegrass, 5% Climax Timothy **\$115/50#**

**ALL GRASS PASTURE & WATERWAY MIX #10**-20% Fleet Meadow Bromegrass, 15% Duo Festulolium, 15% Profit Orchardgrass, 10% Italian Ryegrass, 10% Lincoln Smooth Bromegrass, 10% Payday Perennial Ryegrass, 10% Tuukka Timothy, 10% Meadow Fescue. **\$69.50/25#**

**SOIL SAVER WATERWAY MIX** 28% Smooth Bromegrass, 18% Tall Fescue, 18% Perennial Ryegrass, 18% Annual Ryegrass, 18% Climax Timothy. **\$52.50/25#**

**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. **\$39/50#**

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

**BEEF PRO**- best-selling hay mix-45% Viking 330M Alfalfa, 45% Viking 3100 Alfalfa, 5% Climax Timothy, 5% HLR Orchardgrass. **\$115/50#**

**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. **\$150/50#**

**GRAZERS ELITE MIX**-50% Tekapo Grazing Orchardgrass, 20% Duo Festulolium, 20% Payday Perennial Ryegrass, 7% Starfire Red Clover, 3% Legacy White Clover **\$163/50#**

**GRAZERS GOURMET MIX**-30% Grazer Brand Alfalfa, 30% Tekapo Grazing Orchardgrass, 13% Payday Perennial Ryegrass, 10% Duo Festulolium, 10% Bull Birdsfoot Trefoil, 7% Oasis Chicory **\$186/50#**

**GREAT GAINS** Sucraseed High Sugar Grass Mixes (great for sheep)- 25% Aber HSG Tetraploid Intermediate Ryegrass, 23% AberEve HSG Diploid Perennial Ryegrass, 22% Aber HSG Diploid Perennial Ryegrass, 10% FIXatioN Balansa Clover, 5% Aberlasting Hybrid Clover. Full Bags Only. **\$67.75/25#**

**GRASS-LEGUME MIXTURES-cont.**

**PASTURE & WATERWAY MIX #9**-20% Fleet Meadow Bromegrass, 15% Duo Festulolium, 15% Profit Orchardgrass, 10% Lincoln Smooth Bromegrass, 10% Tuukka Timothy, 10% Meadow Fescue, 10% Starfire Red Clover, 10% Alsike Clover. **\$77.50/25#**

**REEDSWAY PASTURE & WATERWAY MIX**-15% Duo Festulolium, 15% Payday 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. **\$79.50/25#**

**HAYMAKER MIX**- Provides improved persistence, palatability, feed quality and tonnage. 75% Viking 3100 Alfalfa, 15% Climax Timothy and 10% Ruby Red Brand Medium Red Clover. **\$105/50#**  
**HOLSTEIN PRO**-A premium quality mixture formulated to support the high energy and nutritional demands of lactating dairy and beef cows. 45% Viking 372 HD Alfalfa, 45% Viking 330M Alfalfa, 5% HLR Orchardgrass and 5% STF-43 Tall Fescue Blend. **\$155/50#**  
**HAY MIX #1 Economo Mix**-70% Vernal Alfalfa, 15% Medium Red Clover, 15% Climax Timothy. **\$110.75/50#**

**HAY MIX #2 Super Hay Mix**-70% 2020 Supreme Brand Alfalfa, 15% Starfire Red Clover, 15% Tuukka Timothy. **\$156/50#**

**HAY MIX #3 All Purpose Mix**-63% 2020 Supreme Brand Alfalfa, 16% Persist Brand Red Clover, 15% Tuukka Timothy, 6% Alsike Clover. **\$153/50#**

**HAY MIX #4 Lowland Mix**-42% Excel Brand 353 BR Alfalfa (w/Apex Green) OMRI Listed, 37% Persist Brand Red Clover, 16% Tuukka Timothy, 5% Alsike Clover **\$169/50#**

**HAY MIX #6 Highland Mix**-82% 2020 Supreme Brand Alfalfa, 10% Starfire Red Clover, 8% Tuukka Timothy. **\$161/50#**

**HAY MIX #7 Dairyman's Dream**-90% 2020 Supreme Brand Alfalfa, 10% Tuukka Timothy. **\$159/50#**

**HAY MIX #8 Dairyman's Hy-Grass**-81% 2020 Supreme Brand Alfalfa, 9% Starfire Red Clover, 5% Profit Orchardgrass, 5% Tuukka Timothy. **\$164/50#**

**ANNUAL FORAGES AVOID PRUSSIC ACID POISONING**

<b>GERMAN MILLET</b>	<b>\$46/50#</b>
<b>PEARL MILLET</b>	<b>\$62/50#</b>
<b>EXCEED HYBRID PEARL MILLET BMR</b>	<b>\$75/50#</b>
<b>JAPANESE MILLET</b>	<b>\$44/50#</b>
<b>PROSO MILLET</b>	<b>\$32/50#</b>
<b>REDTOP PLUS BMR FORAGE SORGHUM</b>	<b>Ask</b>
<b>BUNDLE KING FORAGE SORGHUM</b>	<b>Ask</b>
<b>VIKING 401 BMR FORAGE SORGHUM</b>	<b>\$67/50#</b>

**GRAIN SORGHUM-CALL FOR VARIETIES/PRICING**

<b>NUTRIKING BMR SORGHUM SUDANGRASS</b>	<b>\$58/50#</b>
<b>VIKING 100 SORGHUM SUDANGRASS</b>	<b>\$43/50#</b>
<b>VIKING 200 BMR SORGHUM SUDANGRASS</b>	<b>\$55/50#</b>
<b>VIKING 300 P-S BMR SORG/SUD</b>	<b>\$67/50#</b>
<b>CADAN WMR SORGHUM SUDANGRASS</b>	<b>\$51/50#</b>
<b>TRIDAN SORGHUM SUDANGRASS</b>	<b>\$44/50#</b>
<b>PIPER SUDANGRASS</b>	<b>\$69/50#</b>
<b>PRO-MAX BMR HYBRID SUDANGRASS</b>	<b>\$88/50#</b>

**UNTREATED SWEET CORN SEED**

<b>UNTREATED TEMPTRESS (se)</b> - 70 day bicolor	<b>Ask</b>
<b>UNTREATED LUSCIOUS (tsw)</b> - 75 day bicolor	<b>Ask</b>
<b>UNTREATED BODACIOUS (se)</b> - 75 day yellow	<b>Ask</b>
<b>UNTREATED AMBROSIA</b> - 75 day bicolor	<b>\$14.37/#</b>
<b>UNTREATED INCREDIBLE</b> - 85 day yellow	<b>\$14.12/#</b>
<b>(TREATED AVAILABLE UPON REQUEST)</b>	



## Non-GMO, UNTREATED SEED CORN

WE OFFER COMPLETE LINES OF SEED CORN VARIETIES FROM:

**MASTERS CHOICE**      **PRAIRIE HYBRIDS**  
**VIKING CORN**      **WELTER SEED & HONEY CO.**

**Our most popular hybrids are:**

**VIKING 86-03**-103 day – Grain Corn      **\$175/80M**

**MASTERSCHOICE 5250**-102 day-Floury      **\$209/80M**

**PRAIRIE HYBRIDS 2607**-103 day-Grain Corn      **\$199/80M**

**MASTERSCHOICE 5370**-103 day-Dual      **\$204/80M**

**VIKING 51-04GS**-104 day-Dual      **\$155/80M**

**MASTERSCHOICE 5660**-106 day-Semi-Floury**\$209/80M**

(May be hand picked)

**MASTERSCHOICE 535**-107 day-Semi-Floury      **\$204/80M**

(May be hand picked)

**MASTERSCHOICE 5790**-107 day-Semi-Floury**\$209/80M**

**PRAIRIE HYBRIDS 5879**-107 day-Dual      **\$199/80M**

**VIKING 42-08P**-108 day-Dual(LimitedSupply)**\$165/80M**

**PRAIRIE HYBRIDS 5200**-108 day-Dual      **\$199/80M**

**MASTERSCHOICE 6150**-111 day-Semi-Floury**\$209/80M**

**(TREATED AVAILABLE UPON REQUEST)**

## Non-GMO, UNTREATED OPEN-POLLINATED CORN

**ELLIOTT'S WHITE**- 85 days      **\$91/80M**

**MN-13**- 95-100 day      **\$91/80M**

**KING PHILIP (Red)** – 100-105 day      **\$91/80M**

**REID YELLOW DENT** 100-110 day      **\$101/50#**

**RAINBOW FLINT** 110 day      **\$91/80M**

**BLUE CORN OP** 110 day      **\$55/40M`**

## WILDLIFE SEEDS/MIXTURES:

**BIG BUCK PERENNIAL MIX** Yellow Sweet Clover, Starfire Red Clover, Delar Burnett, Berseem Clover, Duo Festulolium, Jumbo Ladino Clover, and Chicory      **\$77/25#**

**BIG BUCK ANNUAL MIX** Austrian Winter Peas, Forage Turnips, Swedes Forage Brassica and Rape      **\$48.25/25#**

**BIG BUCK BRASSICA MIX** Purple Top Turnips, Multi-crowned Pasja Hybrid Brassica, Ground Hog Radish, and Dwarf Essex Rape. **\$2.62/#**

**BUCKSHOT BRASSICAS** Forage Rape, Purple Top Turnips, Radish, and Kale.      **\$26/8#**

**BIG RACK DEER MIX** Red Clover, Crimson Clover, White Clover, Alsike Clover, Alfalfa, Perennial Ryegrass, and Forage Rape.      **\$36/10#**

**FEATHER FLUSH** Grain Sorghum, Buckwheat, Field Peas, Peredovik Sunflowers, and Proso Millet.      **\$67.50/50#**

**FROSTY SUITE**-Austrian Winter Peas, Winter Wheat, Winter Rye, Buck Forage Oats      **\$41/50#**

**SWEET SPOT SUCRASEED MIX** High Sugar Grasses, White and Red Clovers, Berseem Clover, Balansa Clover, Turnips, and Chicory. **\$37/10#**

**DELAR SMALL BURNETT** Perennial Evergreen forb relished by Wildlife especially in winter      **\$169/50#**

**PEREDOVIC OIL SUNFLOWERS**      **\$35/50#**

**BUCK FORAGE OATS**      **\$38.50/50#**

**SAINFOIN**      **\$3.37/#**

**SUGAR BEETS**      **\$7.12/#**

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

**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. 60% Improved Kentucky Bluegrass, 20% Perennial Ryegrass, 10% turf-type tall fescue, 10% creeping red fescue.      **\$140/50#**

**Shady Lawnseed Mix**-Shade tolerant, fine-bladed grasses: 30% Chewings fescue, 15% Creeping red fescue, 15% Turf-type fescue, 20% Improved Kentucky bluegrass, 20% Perennial Ryegrass.      **\$130/50#**

**Ruff +Tuff Lawnseed Mix**-Good choice for athletic fields, roadways, playgrounds, & other high traffic areas. 65% Turf-type fescue, 15% Improved Kentucky bluegrass, 10% Creeping red fescue, 10% Perennial ryegrass.      **\$117.50/50#**

**Sustainable Lawn Mix**- Attractive lawn with slow growth rate. For no mow areas, vineyards, orchards, dense shade, and septic mounds. 25% Boreal creeping red fescue, 25% LS3000 chewings fescue, 25% hard fescue, 25% Sheep fescue.      **\$142.50/50#**

**All Purpose Lawnseed Mix**-Excellent overall lawn mix for areas that receive sun and shade. 25% Corsair Kentucky bluegrass, 12.5% Wildhorse Kentucky bluegrass, 12.5% Kelly Kentucky bluegrass, 25% Creeping red fescue, 25% Annual ryegrass.      **\$60/25#**

**Sunny Lawnseed Mix**-Great choice for lawns without shade. Call for mixture. 25% Corsair Kentucky bluegrass, 12.5% Wildhorse Kentucky bluegrass, 12.5% Kelly Kentucky bluegrass, 25% Turf-type perennial ryegrass, 25% Annual ryegrass.      **\$59.50/25#**

**Urban Lawnseed Mix**-Provides a plush lawn that is tough and persistent. 35% Corsair Kentucky bluegrass, 17.5% Wildhorse Kentucky bluegrass, 17% Kelly bluegrass, 20% creeping red fescue, 10% Turf-type Perennial ryegrass.      **\$70/25#**

**Appalachian Kentucky Bluegrass**-Offers early season dark green color, improved and shade tolerance.      **\$154/50#**

**Concerto Kentucky Bluegrass**-Improved disease and drought resistance, good seedling vigor, excellent for upper Midwest. **\$155/50#**

**Wildhorse Kentucky Bluegrass**- Aggressive and vigorous bluegrass with high tiller density and rich color.      **\$161/50#**

**Turf-type Fescue**-Fine bladed, tough fescue that can withstand heavy traffic better than other lawn grasses.      **\$102/50#**

**Turf-type Perennial Ryegrass**-Quick establishing, lower growing, fine bladed, does well in sunny area.      **\$96/50#**

**CLOVERLAND AG SERVICE ALSO OFFERS:**

**Untreated, Non-GMO Warm Season Grasses**

## ORGANIC FERTILIZER AND SOIL AMENDMENTS

**NATURE SAFE ORGANIC FERTILIZERS:**

**NATURE SAFE ORGANIC NITROGEN FERTILIZER 13-0-0 pelleted**  
OMRI LISTED, Protein based, Slow-release. Excellent for Corn!  
**Ton in 50#bags-\$1028.50 Ton Totes-\$1019.70 50# bag-\$30.86**

**NATURE SAFE ORGANIC FERTILIZER 8-5-5 pelleted**  
OMRI LISTED, Protein and sulfate of potash.  
**Ton in 50#bags-\$938.50 Ton Totes-\$936.50 50# bag-\$28.15**

**NATURE SAFE ORGANIC FERTILIZER 10-2-8 Coarse crumbles**  
OMRI LISTED, , Protein and sulfate of potash.  
**Ton in 50#bags-\$1098.50 Ton Totes-\$1089.70 50# bag-\$32.96**

**NATURE SAFE ORGANIC FERTILIZER 7-12-0 Coarse crumbles**  
OMRI LISTED, Protein based.  
**Ton Totes Only-\$852.50**

## ORGANIC FERTILIZER AND SOIL AMENDMENTS-cont.

NATURE SAFE ORGANIC FOLIAR NITROGEN FERTILIZER 15-1-1  
OMRI LISTED, Protein based. Wettable Powder 50# bag-\$112.50

## **OHIO EARTH FOOD PRODUCTS:**

RE-VITA PRO (5-4-5) OMRI LISTED, NOP COMPLIANT

Ton in 50# bags-\$672 Ton Totes-\$623 50# bag-\$22

RE-VITA COMPOST PLUS (3-4-3) NOP COMPLIANT

Ton in 50# bags-\$390.00 Ton Totes-\$375 50# bag-\$15.50

RE-VITA Hi-K (2-3-16) NOP COMPLIANT

Ton in 50# bags-\$939.60 50# bag-\$30.99

CHILEAN NITRATE 15-0-2 OMRI LISTED

Ton in 50# bags - \$1180.00 50# bag \$31.99

SOFT ROCK PHOSPHATE OMRI LISTED-Granular

Ton in 50# bags - \$472.00 50# bag \$15.00

SOFT ROCK PHOSPHATE OMRI LISTED-Powder 50# bag \$17.00

AZOMITE MINERAL AND TRACE ELEMENT POWDER

OMRI LISTED 44# bag-\$24.00

SULFATE OF POTASH 0-0-50-17S OMRI LISTED

Ton in 50# bags - \$950.00 50# bag \$30.00

AGRO-LIG HUMATE OMRI LISTED

Ton in 50# bags - \$680 50# bag \$20.99

THORVIN KELP MEAL OMRI LISTED *Ascophyllum nodosum*

50# bag-\$58

WORM CASTINGS (1-0-0)R NOP COMPLIANT 20# bag \$17.00

## **SOIL AMENDMENTS**

10% GRANULAR BORON OMRI LISTED 50# bag-\$35

PELLETIZED DOLOMITE LIME NOP COMPLIANT 50# bag-\$7.00

PELLETIZED HI-CALCIUM LIME NOP COMPLIANT 50# bag-\$7.00

90% TIGER SULPHUR OMRI LISTED 50# bag-\$19.00

NU-SOFT GYPSUM NOP COMPLIANT 40# bag-\$6.50

## **LIQUID FERTILIZERS & FOLIAR SPRAYS**

ORGANIC GEM LIQUID FISH FERTILIZER 3-3-.3 OMRI LISTED

1 Gallon-\$29.50 55 gallon drum-\$300.00 275 Gallon Tote \$1435

JUMP START 5-1-9 NOP COMPLIANT 20# Pail \$169.99

ORGANIC MOLASSES NOP COMPLIANT

50# Jug estimated 5 gallons \$52.00

BIO-HUME 12% CONCENTRATED LIQUID HUMUS NOP

COMPLIANT 1 Gallon-\$24.00 5 Gallon- \$84.99

STIMPLEX CROP BIOSTIMULANT OMRI LISTED

2.5 GALLONS-\$159.50

MICRONIZED SOLUBLE FISH POWDER WITH CRAB

NOP COMPLIANT 25# \$159.00

MAXICROP SOLUBLE SEAWEED POWDER 0-0-17 OMRI LISTED

22# Carton \$209.00 44# Carton \$379.00

## **ANIMAL FEED SUPPLEMENTS**

THORVIN KELP MEAL OMRI LISTED

*Ascophyllum nodosum* 50# bag-\$58

REDMOND TRACE MINERAL SALT OMRI LISTED 50# \$13.00

DIATOMACEOUS EARTH NOP COMPLIANT 50# \$24.00

## **INSECT AND DISEASE CONTROLS**

DOUBE NICKEL BIOFUNGICIDE OMRI LISTED

*Bacillus amyloliquefaciens* strain D747 2.5 Gallon - \$205.00

CARB-O-NATOR OMRI LISTED 5 lb. Bag - \$59.00

NUCOP 50 WP OMRI LISTED 20 lb. Bag-\$127.00

LIFEGUARD WG BIOLOGICAL PLANT ACTIVATOR OMRI LISTED

1 lb. Bag- \$160.00

CUEVA OMRI LISTED 2.5 Gallons - \$125.00

SERENADE BIOFUNGICIDE OMRI LISTED

32 oz. Concentrate-\$21.95

SERENADE OPTI OMRI LISTED 10 lb. Bag - \$380.00

REGALIA BIOFUNGICIDE OMRI LISTED 1 Gallon \$179.00

M-PEDE INSECTICIDAL SOAP OMRI LISTED

2-1/2 Gal. Concentrate - \$119.90

DIATOMACEOUS EARTH INSECT KILLER OMRI LISTED

4.4 lb. Bag - \$12.50

DIPEL DF OMRI LISTED 1 lb. Pkg. - \$18.87

GRANDEVO WDG INSECTICIDE OMRI LISTED 6# \$135.00

MONTEREY B.T. OMRI LISTED Pint-\$12.99 Gallon-\$76.99

MONTEREY GARDEN INSECT SPRAY (Spinosad) OMRI LISTED

16 oz. Bottle-\$21.99 32 oz. Bottle-\$36.00 Gallon-\$115.00

MONTEREY HORT & DORM SPRAY OIL OMRI LISTED

Quart - \$12.99 Gallon - \$31.99 2.5 Gallon \$49.00

MONTEREY 70% NEEM OIL OMRI LISTED

16 oz. Concentrate - \$22.99

TRILOGY OMRI LISTED 2.5 Gallons - \$136.80

SURROUND WP CROP PROTECTANT OMRI LISTED

25# Bag - \$35.00

PYGANIC CROP PROTECTON 1.4% OMRI LISTED

Quart - \$49.00 Gallon - \$176.00

PYGANIC SPECIALTY 5.0% OMRI LISTED

Quart - \$142.00 Gallon - \$488.00

ENTRUST SC 22.5% SPINOSAD OMRI LISTED Quart - \$516

MONTEREY BUG BUSTER-O 1.4% PYRETHRIN OMRI LISTED

8 oz. bottle \$35.90

MONTEREY FRUIT TREE SPRAY PLUS OMRI LISTED

16 oz. Concentrate - \$17.99

## **HERBICIDES**

WEEDGUARD PLUS BIODEGRADABLE PAPER BED MULCH OMRI

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

AVENGER WEED KILLER HERBICIDE OMRI LISTED

Quart Concentrate-\$25.00 Gallon Concentrate-\$80.00

5 Gallon Concentrate-\$330.00

## **POTTING SOIL**

### **THE SEED CATAPULT NOP COMPLIANT**

**30 qt. (1 cu. ft.) Bag-\$9.70 60-240 Bags-\$8.45**

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 NOP COMPLIANT**

**30 qt. (1 cu. ft.) Bag-\$8.70 60-240 Bags-\$7.45**

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.

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**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 or FedEx. Orders over 400 lbs. can usually be shipped more economically by freight. Please note that someone must be there to unload freight orders. Finding a delivery 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/FedEx charges. Shipping weights must be added separately.**

**Prices subject to change at any time.**

## **CLOVERLAND AG SERVICE LLC**

**Office:** 6330 T. R. 309  
Millersburg, OH 44654

**WAREHOUSE FACILITY:** 7422 C. R. 201  
Millersburg, OH 44654  
PICK-UP by APPOINTMENT ONLY

**330-231-4484 OR 330-231-4483**