

# 2025 SEED GUIDE



## WELTER SEED & HONEY CO.

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*Celebrating 70 Years!*

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### CASH DISCOUNTS

5% December

4% January

3% February

### \$15 ALFALFA DISCOUNT

on select varieties

(see page 1)



**CERTIFIED  
ORGANIC SEED**

(pages 17-22)

More product information at [www.WelterSeed.com](http://www.WelterSeed.com)



**Standing L to R: Dustin, Les, Ben, Jim, Denise, Nick, Dan, Cody, Nathan, Jake, Marie, Karen, Jackie, Abby  
Sitting L to R: Marlene, Makenna, Katie, Julia, Sara, Jett**

From our humble beginnings 70 years ago selling alfalfa and clover in one small shed to today, we are honored and driven by the trust you have placed in us to serve your seed needs. We are thankful for the opportunity to assist farmers across the United States and the relationships we have built. Your belief in our company and our values have been our greatest motivation. As we look to the future, we remain committed to strive for excellence, innovation, and providing the finest quality seed.

## *The Welter Family - 70 Years Strong!*

### **\$15 ALFALFA DISCOUNT \$15.00 OFF PER BAG**

**on these conventional alfalfas  
if purchased before March 1, 2025**

Galaxy II • WS VP23 • WS L550 • WS HiFi  
375HY-BR Hybrid • 2020 Supreme Brand  
Multi 5301 • Grazer Brand • 4241 Creeping  
WS LeafGuard LH  
Hay Mixes - Mix 2 through Mix 8

## **ALFALFA**

### **Pre-inoculated**

Alfalfas are deep-rooted perennial legumes and are considered the oldest, most nutritious crop produced for high quality forage. When choosing alfalfas consider the DRI (disease resistance index), WSI (winter-survival index 1-6) and the FD (fall dormancy 1-11). The DRI is a disease rating of each of the six main alfalfa diseases-the higher the rating, the more resistant the alfalfa. The WSI rates the alfalfas on how they will survive wintering-the lower the rating the more winter-hardy they are. The FD rating is based on how soon the alfalfa goes dormant in the season. The lower the number, the earlier in the season the alfalfa will go into dormancy, thus protecting it from cold climate winters. The higher the number, the later the alfalfa will grow into the fall.

#### **Planting Rate:**

Alone: 15-20 lbs per acre  
In a mix: 6-15 lbs per acre  
Depth: ¼" - ½"

Per 50 lb. bag

### **GALAXY II BRAND MULTI-LEAF ALFALFA . . . \$215.00**

Galaxy II Brand is an improved dark green, multi-leaf alfalfa bred for exceptional forage quality and higher yields. Galaxy II has a superior disease rating, good winter-hardiness and is an excellent choice for long rotations.

DRI=30/30 WSI=2.1 FD=4

### **NEW WS VP23 BRAND ALFALFA (w/Apron XL) . . . . \$253.00**

An exceptional alfalfa with high quality forage yields and aggressive regrowth. Very persistent variety with high resistance to Aphanomyces root rot Race 1 and medium resistance to Race 2. Very fast recovery after harvest.

DRI=33/35 WSI=1 FD=4.8

### **WS L550 ALFALFA (w/Apex™ Green) OMRI! \$232.00**

WS L550 alfalfa is a branch rooted alfalfa with high resistance to Aphanomyces root rot Race 1 and Race 2. Bred for high forage yield and a high expression of the branch root feature. Highly persistent in both well and poorly drained soils. Fast recovery after harvest.

DRI=35/35 WSI=1.8 FD=4

### **WS HiFi BRAND ALFALFA (w/Apex™ Green) . . . . . OMRI! \$252.00**

A reduced lignin, high fiber alfalfa bred for exceptional forage quality and outstanding yield potential which exhibits some of the highest forage quality scores on the market. Very fast recovery after harvest. Excellent choice for the dairy farmer looking for a highly digestible alfalfa.

DRI=30/30 WSI=1.7 FD=4.3

Per 50 lb. bag

**375 HY-BR II BRAND HYBRID ALFALFA (w/Apex™ Green)** . . . . . **OMRI** . \$282.00

A second generation hybrid alfalfa with branch roots, characterized by its aggressive re-growth, high yields, and consistent high quality forage. A fine stemmed variety producing superior dairy quality hay. 375 HY-BR is an excellent choice for the aggressive alfalfa producer needing 4-5 cuttings. Average 4% yield boost over other hybrid alfalfas.

DRI=30/30 WSI=1.8 FD=4

**2020 SUPREME BRAND ALFALFA** . . . . . \$210.00

A popular blend of improved high yielding alfalfas selected for persistence and yield potential. Excellent choice for a long rotation alfalfa. Performs well on a wide variety of soil types. Superior disease resistance.

DRI=29/30 WSI=2 FD=4

**MULTI 5301 MULTI-LEAF ALFALFA** . . . . . \$205.00

Multi 5301 is an exceptional, top rated multi-leaf alfalfa known for its yields, multi-foliolate expression and high quality forage. Multi 5301 is an excellent choice for the dairy producer looking for increased feed value and the haymaker looking for persistence, plant health and high yield capabilities.

DRI= 27/30 WSI=2 FD=4

**GRAZER BRAND ALFALFA** . . . . . \$215.00

Grazer Brand is an excellent, grazing type alfalfa that withstands traffic well, making it an outstanding component in pasture mixes. Grazer Brand has sunken crowns allowing for better performance under grazing pressure.

DRI=25/30 WSI=2.1 FD=2

**4241 CREEPING ALFALFA** . . . . . \$215.00

A superior creeping alfalfa that doesn't sacrifice yield or quality for a strong persistent creeping habit. Excellent for grazing.

DRI=25/30 WSI=2 FD=2

**AMERISTAND 428TQ ALFALFA (w/GZ, Stamina & Apron XL)** . . . . . \$326.00

Outstanding yield potential under 4 to 5-cut harvest systems. Ameristand 428TQ offers a perfect Disease Resistance Index (DRI) of 35/35 and includes high resistance to Aphanomyces races 1-3, and high resistance to Anthracnose race 1 and race 5.

DRI=35/35 WSI=1.3 FD=4.4



Per 50 lb. bag

**AMERISTAND 419LH ALFALFA (w/GZ, Stamina & Apron XL)** . . . . . \$328.00

Ameristand 419LH is a ninth generation superior leafhopper alfalfa selected for its excellent winter-hardiness. Ameristand 419LH is a multi-foliolate alfalfa with excellent forage yields and quality with a high resistance to the main 6 alfalfa diseases and a high resistance to APH 1 and leafhopper. Leafhopper attacks reduce crude protein, lower dry matter and hurt winter survivability.

DRI=35/35 WSI=2 FD=3.8

**WS LeafGuard LH BRAND ALFALFA (w/Apex™ Green)** . . . . . **OMRI** . \$252.00

Newest generation potato leaf hopper resistant alfalfa with an exceptional disease package. Will deliver greater forage yield under delayed harvest intervals. Outstanding forage yields and exceptional forage quality.

DRI= 30/30 WSI=2.4 FD=4

**NEW AMERISTAND 420LH RR ALFALFA (w/GZ, Stamina & Apron XL)** . . . . . \$489.00

A superior Roundup Ready alfalfa with high resistance to potato leafhopper that delivers high yield potential and forage quality.

DRI=34/35 WSI=2.2 FD=3.9

**VERNAL ALFALFA** . . . . . \$180.00

Vernal is a very winter hardy northern alfalfa with limited disease resistance.

WSI= 2.2 FD= 2

## PLOWDOWN ALFALFA

Pre-inoculated Per 50 lb. bag

**HI-NITRO BRAND ALFALFA** . . . . . \$255.00

Non-hardy alfalfa developed to be used as a high performing plowdown. Hi-Nitro will produce much more nitrogen than conventional alfalfas. WSI=6 FD=9

## PLOWDOWN MIXES

Pre-inoculated Per 50 lb. bag

**PLOWDOWN MIX** . . . . . \$171.00

Great soil builder and nitrogen provider. 24% Alfalfa, 24% Mammoth Red Clover, 24% Alsike Clover, 24% Sweet Clover, and 4% Ladino Clover. Plant 12-15 lbs. per acre.

**NO-SWEET PLOWDOWN MIX** . . . . . \$167.00

Great soil builder and nitrogen provider without any sweet clover. 32% Alfalfa, 32% Mammoth Red Clover, 32% Alsike Clover, and 4% Ladino Clover. Plant 12-15 lbs. per acre.

## CLOVER

Pre-inoculated

**RED CLOVERS** are one of the fastest establishing legumes and an excellent source of nitrogen. Red clovers have high nutritional value with high levels of digestible protein and are a beneficial component in hay and pasture mixes.

**Planting Rate:**

Alone: 10-12 pounds per acre

In a mix: 3-6 pounds per acre

Depth: 1/4"

**FREEDOM MR RED CLOVER** Per 25 lb. bag

**(w/Nature Jacket C)** . . . . .  \$118.00

Fast drying variety selected for increased dry matter production. Freedom MR has finer stems and less pubescence (hairs) on the stem which enables the plant to dry faster. Mildew resistant.

**BLAZE RED CLOVER** Per 50 lb. bag

**(w/NitroCoat Organic)** . . . . .  \$190.00

A high yielding red clover with excellent persistence, lasting 3 years and providing multiple cuttings per year. Improved resistance to anthracnose, powdery mildew and black patch.

**PERSIST BRAND RED CLOVER** . . . . . \$165.00

Popular blend of long lasting red clovers specifically developed for persistence and longevity.

**MEDIUM RED CLOVER** . . . . . \$136.00

Biennial red clover that is economical and fits well into rotational cropping systems.

**ALTA-SWEDE MAMMOTH RED CLOVER** . . . . . \$120.00

Single cut clover that is taller and coarser than other red clovers. Alta-Swede is primarily used as a green manure crop. Biennial.

**WHITE CLOVERS** are one of the most nutritious and palatable legumes available. White clovers are fast growing and offer outstanding nitrogen fixing capabilities and offer excellent persistence under grazing.

**Planting Rate:**

Alone: 2-4 pounds per acre

In a mix: 1-3 pounds per acre

Depth: 1/4"

Per lb.

**STAMINA WHITE CLOVER (Coated)** . . . . . \$4.80

Stamina is an intermediate, tall and leafy versatile white clover with proven persistence and strong yields. Selected for higher forage yield and persistence under extreme grazing pressure. Stamina's aggressive growth pattern has high stolon density and rooting, allowing it to persist well under hoof and grazing pressure.

**LEGACY WHITE CLOVER (Coated)** . . . . . \$4.50

Legacy is an exceptionally high yielding, large leaf clover with a tall growth habit. Latest generation of New Zealand bred white clover with strong second and third year yields compared to other cultivars. Due to its erect growth habit, Legacy is ideally suited for rotational grazing systems.

**RENOVATION WHITE CLOVER (Coated)** . . . . . \$4.80

Renovation was bred for increased stolon density utilizing a combination of long-lived Southern Plain ecotypes and disease resistant ladino types resulting in increased persistence, even under grazing. An excellent choice to improve and maintain productive pastures. Ideal for grazing livestock and wildlife food plots.

**ALICE WHITE CLOVER**

**(w/Nature Jacket C)** . . . . .  \$5.50

Popular variety known for its high palatability and vigorous tall growth. Alice is very winter hardy and is aggressive enough to compete well with grasses in pasture mixes.

**NEW** **NECHES WHITE CLOVER** . . . . . \$5.20

An intermediate white clover with early profuse flowering and the ability to re-seed itself. Selected for larger leaf size similar to Ladino with high potential forage production. Produces high dry matter yield and handles heat well.

**LADINO CLOVER** . . . . . \$5.65

Large leafed winter-hardy white clover used primarily in pastures and wildlife plots.

**JUMBO II LADINO CLOVER**

**(w/NitroCoat Organic)** . . . . .  \$4.50

A fast growing, giant leafed ladino known for its leaf size and vigorous growth habit. Jumbo II is popular in pasture mixes and is extremely popular in deer mixes.





**OTHER CLOVERS**

**KURA CLOVER** . . . . . Per lb. \$12.00

High yielding, high forage quality perennial clover that spreads by underground rhizomes. Kura is highly persistent, long lasting and has good disease resistance. Kura is extremely hardy and will tolerate severe grazing much better than red clovers or alfalfas. Kura clover is more difficult to establish than traditional clovers. During establishment grasses and weeds must be controlled, especially during the first six weeks of growth.

**Planting Rate:**

Alone: 6-8 pounds per acre  
Depth: 1/4"

**ABERLASTING CLOVER**  
(w/NitroCoat Organic) . . . . .  . . . . . Per lb. \$6.80

A great replacement for Kura clover. AberLasting Clover is a very unique clover developed by crossing Caucasian clover with White clover, making it an exceptional clover for grazing. With stolons above ground and rhizomes below, AberLasting is very persistent and drought tolerant. It will tolerate severe grazing.

**Planting Rate:**

Alone: 6-10 pounds per acre  
In a mix: 2-3 pounds per acre  
Depth: 1/4"

**FROSTY BERSEEM CLOVER** . . . . . Per 50 lb. bag  
(w/NitroCoat Organic) . . . . .  . . . . . \$148.00

Fast growing annual clover that is excellent for thickening a weak alfalfa stand or producing a 1 year hay crop. Berseem clover generally requires a frost free growing season, however, Frosty Berseem is much more cold tolerant than other Berseem clovers and has survived temperatures down to 10° F. In the Midwest, Frosty Berseem can be dormant seeded in mid-November, frost seeded in late February, or spring seeded. In the South, it is generally seeded in the fall. Berseem will produce 2-3 crops, can fix up to 100-150 units of nitrogen per acre, and does not cause bloat when grazed. Begin cutting or grazing when the plants reach 10-12 inches high. Berseem needs to be cut prior to flowering or the plant will not recover. Graze or cut to a 3 inch stubble to encourage new shoot production. Berseem is high in feed value; running 18-28% crude protein.

**Planting Rate:**

Alone: 15-20 pounds per acre  
In a mix: 10-20 pounds per acre  
Depth: 1/4" - 1/2"

**FIXATION BALANSA CLOVER** . . . . . Per 50 lb. bag  
(w/NitroCoat Organic) . . . . .  . . . . . \$143.00

Small seeded annual legume that produces exceptional quantities of nitrogen and offers producers superior reseeding properties. By allowing FIXatioN to set seed, approximately 45 days post full bloom, you can create a seed bank from which FIXatioN can re-generate year after year with only an occasional reseeding needed. Organic producers will have a hard time controlling Balansa in a crop rotation due to the large amount of hard seed. FIXatioN has withstood temperatures as low as 5 °F with no snow cover. With snow cover has survived sub-zero temperatures. Can be used as a cover crop, for grazing, or as a bee attractant. Plant in the spring or from mid-July to early September.

**Planting Rate:**

Alone: 5-8 pounds per acre  
Depth: 1/4" - 1/2"

**ALSIKE CLOVER** . . . . . \$178.00

An upright, short lived perennial that does well on low, poorly drained acidic soils. Alsike is primarily used in mixtures on lowland areas for green manure and hay. *Do not use for horses.*

**Rate:**

Alone: 7-8 pounds per acre  
In a mix: 1-3 pounds per acre  
Depth: 1/4"

**YELLOW BLOSSOM SWEET CLOVER** . . . . . \$174.00

Good soil building sweet clover that adds 80-100 units of nitrogen per acre and improves the soil tilth. Yellow blossom is a bee attractant and is primarily used as a green manure crop. Yellow blossom is a biennial clover. *Can be toxic if baled too wet.*

**Planting Rate:**

Alone: 12-15 pounds per acre  
In a mix: 2-6 pounds per acre  
Depth: 1/4"

**WHITE BLOSSOM SWEET CLOVER** . . . . . \$240.00

High nitrogen producing biennial legume growing 5-6 feet tall. Blooms 2 weeks later than yellow blossom sweet clover. Excellent for honey production. *Can be toxic if baled too wet.*

**CRIMSON CLOVER**  
(w/NitroCoat Organic) . . . . .  . . . . . \$78.00

A winter annual in the South and a spring/summer annual in the North. Crimson is high in protein and easy to establish. Crimson can establish a thick green crop by mid-winter in the South, fixing 125 units of nitrogen per acre and produces a great deal of humus. In the North, Crimson matures in June with deep red flowers on 18 inch plants.

**Planting Rate:**

Alone: 25-35 pounds per acre  
In a mix: 10-15 pounds per acre  
Depth: 1/4" - 1/2"

**WHITE CLOVER, DUTCH TYPE** . . . . . \$260.00

Smaller leafed dutch clover used primarily in lawn mixes, as ground cover, and for erosion control.

**Planting Rate:**

Alone: 2-4 pounds per acre  
In a mix: 1-3 pounds per acre  
Depth: 1/4"

# HAY, PASTURE & WATERWAY MIXES

We offer pre-mixed, pre-inoculated hay and pasture mixes to our customers to save them valuable time during the planting season.

## HAY MIXES:

### Planting Rate:

Alone: 15-20 pounds per acre  
Depth: 1/4"

**Mix #1 ECONOMO MIX** . . . . . Per 50 lb. bag \$167.50

- 70% Vernal Alfalfa
- 15% Medium Red Clover
- 15% Climax Timothy


**Mix #2 SUPER HAY MIX** . . . . . \$201.00

- 70% 2020 Supreme Brand Alfalfa
- 15% Blaze Red Clover
- 15% Tuukka Timothy

**Mix #3 ALL PURPOSE MIX** . . . . . \$195.00

- 63% 2020 Supreme Brand Alfalfa
- 16% Persist Brand Red Clover
- 15% Tuukka Timothy
- 6% Alsike Clover

**Mix #4 LOWLAND MIX** . . . . . \$195.00

- 42% WSL550 BR Alfalfa (w/Apex™ Green) 
- 37% Persist Brand Red Clover
- 16% Tuukka Timothy
- 5% Alsike Clover

**Mix #6 HIGHLAND MIX** . . . . . \$206.00

- 82% 2020 Supreme Brand Alfalfa
- 10% Blaze Red Clover
- 8% Tuukka Timothy

**Mix #7 DAIRYMAN'S DREAM** . . . . . \$207.00

- 90% 2020 Supreme Brand Alfalfa
- 10% Tuukka Timothy

**Mix #8 DAIRYMAN'S HY-GRASS** . . . . . \$206.00

- 81% 2020 Supreme Brand Alfalfa
- 9% Blaze Red Clover
- 5% Profit Orchardgrass
- 5% Tuukka Timothy

## PASTURE/WATERWAY MIXES:

### Planting Rate:

Alone: 25-35 pounds per acre  
Depth: 1/4"

**Mix #9 PASTURE & WATERWAY MIX** . . . . . Per 25 lb. bag \$87.50 Per 50 lb. bag \$175.00

- 20% Fleet Meadow Bromegrass
- 15% Duo Festulolium
- 15% Profit Orchardgrass
- 10% Lincoln Smooth Bromegrass
- 10% Tuukka Timothy
- 10% Meadow Fescue
- 10% Blaze Red Clover
- 10% Alsike Clover

**Mix #10 ALL GRASS PASTURE & WATERWAY MIX** . . . . . Per 25 lb. bag \$76.00 Per 50 lb. bag \$152.00

- 20% Fleet Meadow Bromegrass
- 15% Duo Festulolium
- 15% Profit Orchardgrass
- 10% Lincoln Smooth Bromegrass
- 10% Italian Ryegrass
- 10% Tetrasweet Perennial Ryegrass
- 10% Tuukka Timothy
- 10% Meadow Fescue

**Mix #11 REEDSWAY PASTURE & WATERWAY MIX** . . . . . Per 25 lb. bag \$87.00 Per 50 lb. bag \$174.00

- 15% Duo Festulolium
- 15% Tetrasweet Perennial Ryegrass
- 10% Profit Orchardgrass
- 10% Lincoln Smooth Bromegrass
- 10% Fleet Meadow Bromegrass
- 10% Palaton Reeds Canarygrass
- 10% Tuukka Timothy
- 10% Blaze Red Clover
- 10% Alsike Clover

**SOIL SAVER WATERWAY MIX** . . . . . Per 25 lb. bag \$56.00

- 28% Smooth Bromegrass
- 18% Tall Fescue
- 18% Perennial Ryegrass
- 18% Annual Ryegrass
- 18% Climax Timothy

**TIMESAVER COMPLETE WATERWAY MIX** . . . . . Per 50 lb. bag \$40.00

- 80% Winter Wheat
- 6% Smooth Bromegrass
- 3.5% Tall Fescue
- 3.5% Perennial Ryegrass
- 3.5% Annual Ryegrass
- 3.5% Climax Timothy

### Planting Rate:

Alone: 120-150 pounds per acre  
Depth: 1/4" - 1/2"



## PASTURE PERFECT MIXES

Per 50 lb. bag

### GRAZERS ELITE MIX ..... \$154.00

- 50% Tekapo Grazing Orchardgrass
- 20% Duo Festulolium
- 20% Tetrasweet Perennial Ryegrass
- 7% Blaze Red Clover
- 3% Legacy White Clover

**Planting Rate:**

Alone: 25-35 pounds per acre

Depth: 1/4"

### GRAZERS SUPREME MIX ..... \$170.00

- 30% Fleet Meadow Bromegrass
- 20% Tekapo Grazing Orchardgrass
- 20% Tetrasweet Perennial Ryegrass
- 20% Meadow Fescue
- 10% Duo Festulolium

**Planting Rate:**

Alone: 35-40 pounds per acre

Depth: 1/4"

### GRAZERS SPECIAL MIX ..... \$153.00

- 20% Tekapo Grazing Orchardgrass
- 20% Tetrasweet Perennial Ryegrass
- 20% Duo Festulolium
- 20% Meadow Fescue
- 20% Lincoln Smooth Bromegrass

**Planting Rate:**

Alone: 35-40 pounds per acre

Depth: 1/4"

### GRAZERS GOURMET MIX ..... \$203.00

- 30% Grazer Brand Alfalfa
- 30% Tekapo Grazing Orchardgrass
- 13% Tetrasweet Perennial Ryegrass
- 10% Duo Festulolium
- 10% Bull Birdsfoot Trefoil
- 7% Oasis Chicory

**Planting Rate:**

Alone: 25-35 pounds per acre

Depth: 1/4"

### RENOVATOR SPECIAL MIX ..... \$101.00

- 40% Tetrasweet Perennial Ryegrass
- 35% Duo Festulolium
- 25% Rival Annual Ryegrass

**Planting Rate:**

Alone: 10-35 pounds per acre

Depth: 1/4"

### PLEASURE HORSE II MIX ..... \$163.00

- 20% Tekapo Grazing Orchardgrass
- 20% Preval Meadow Fescue (Endophyte Free)
- 20% Fleet Meadow Bromegrass
- 10% Tetrasweet Perennial Ryegrass
- 10% Duo Festulolium
- 10% Bronson Tall Fescue (Endophyte Free)
- 5% Filly Forage Kentucky Bluegrass
- 5% Tuukka Timothy

**Planting Rate:**

Alone: 35-40 pounds per acre

## SUCRASEED HIGH SUGAR GRASS MIXES

*Sucrased Mixes contain high sugar grass-(HSG) perennial and intermediate ryegrasses that have been developed specifically to contain high levels of water soluble carbohydrates (sugar). These mixes have demonstrated significant increases in meat and milk production.*

**Planting Rate:**

Alone: 25 pounds per acre

Depth: 1/4"

### SOLD IN FULL BAGS ONLY

Per 25 lb. bag

### GREAT GAINS ..... \$97.00

- 23.50% AberGreen HSG Tetraploid Intermediate Ryegrass
- 23.50% AberMagic HSG Diploid Perennial Ryegrass
- 23.00% AberEve HSG Tetraploid Perennial Ryegrass
- 10.00% Quick Draw Orchardgrass
- 10.00% FIXatioN Balansa Clover
- 5.00% AberLasting Hybrid Clover
- 5.00% Chicory

Per 50 lb. bag

### PASTURE SWEET'NER ..... \$164.00

- 33.33% AberGreen HSG Perennial Ryegrass
- 33.33% AberMagic HSG Perennial Ryegrass
- 33.33% AberEve HSG Tetraploid Intermediate Ryegrass

## BROMEGRASS

*Bromegrass is a thick sod forming grass that spreads by its root system. Bromegrass can be grown on a wide variety of soils and is very winter-hardy and palatable. Bromegrass makes an excellent companion grass in hay and pasture mixes, as well as in silage and green chop. Most bromegrass failure is caused by planting too deep.*

**Planting Rate:**

Alone: 15-25 pounds per acre

In a Mix: 6-12 pounds per acre

Depth: 1/4"

Per 50 lb. bag

### LINCOLN BROMEGRASS ..... \$165.00

A smooth bromegrass used in both waterway and pasture mixes. A sod forming grass; excellent for waterways.

### FLEET MEADOW BROMEGRASS ..... \$205.00

Winter hardy variety with excellent regrowth after cutting. Fleet is leafier than smooth bromegrass because it has more basal leaves, making it more palatable. An excellent variety for grazing or haymaking. Less aggressive with shorter rhizomes than smooth brome, therefore maintains a better balance in alfalfa-grass mixes.

## ORCHARDGRASS

Orchardgrasses are medium to long lived, cool season bunchgrasses that perform well on well drained soils. Typically, late varieties are used in haymaking and early varieties for grazing.

### Planting Rate:

Alone: 10-15 pounds per acre  
In a mix: 3-5 pounds per acre  
Depth: 1/4"

**POTOMAC ORCHARDGRASS . . . Per 50 lb. bag \$150.00**  
Early maturing orchardgrass that is productive and persistent.

### DEVOUR GRAZING ORCHARDGRASS

..... **Per 50 lb. bag \$174.00**  
A grazing type with a more prostrate growth habit providing persistence under grazing pressure. Devour is a top performer in persistence trials. High yielding and late maturing, providing a high quality forage very compatible with legumes.

**TEKAPO ORCHARDGRASS . . . . Per 50 lb. bag \$170.00**  
Unique early maturing variety that is dense tillering and developed specifically for grazing. Tekapo has a low crown and a dense, prostrate growth habit, allowing it to be grazed near ground level. This is ideal for the close nip grazing habits of sheep, horses and all classes of livestock.

**PROFIT ORCHARDGRASS . . . . Per 50 lb. bag \$170.00**  
Late maturing orchardgrass bred primarily for forage production. Exhibits very impressive dry matter production resulting in increased profits. Excellent rust resistance and stand persistence.

**LATAR ORCHARDGRASS . . . . . Per 50 lb. bag \$156.00**  
Late maturing variety that is hardy, very palatable and has lower fiber content. Latar is an excellent component in both hay and pasture mixes.

**HLR ORCHARDGRASS . . . . . Per 25 lb. bag \$102.00**  
Blend of the best and latest maturing orchardgrass varieties from Barenbrug. The varieties in HLR have been selected for high leaf to stem ratio, improved digestibility and energy. HLR is ideal for hay, silage, and grazing. Highly suited for planting with alfalfa. HLR makes a nice, dense sward that is less clumpy than traditional varieties. High yielding with good rust resistance and winter hardiness. Excellent palatability and digestibility.

## ANNUAL RYEGRASS

Primarily used as a quick establishing crop for erosion control, emergency forage, cover crop, and in lawn, pasture and waterway mixes.

### Planting Rate:

Alone: 25-35 pounds per acre  
In a mix: 10-15 pounds per acre  
With alfalfa: 4 pounds per acre  
Depth: 1/4"

Per 50 lb. bag

**GULF ANNUAL RYEGRASS . . . . . \$46.00**  
An economical variety that is considered a true annual.

Per 50 lb. bag

**RIVAL ANNUAL RYEGRASS . . . . . \$49.00**  
An improved annual ryegrass variety that is a later maturing tetraploid with fast growth and regrowth. Rival is palatable with a high feed value.

**BRUISER ANNUAL RYEGRASS . . . . . \$49.00**  
Popular annual diploid ryegrass with excellent cold tolerance and disease resistance. Bruiser is late maturing with high feed quality, making it an excellent annual for grazing or for use as a cover crop.

## ITALIAN RYEGRASS

These fast establishing ryegrasses very seldom head out the same year they are planted and are used as a cover crop, in pastures and in waterway mixes. Also used as a nurse crop for alfalfa. In mild winters can act as a perennial.

### Planting Rate:

Alone: 30-40 pounds per acre  
In a mix: 6-20 pounds per acre  
Depth: 1/4"

Per 50 lb. bag

**FEAST II ITALIAN RYEGRASS . . . . . \$68.00**  
High producing tetraploid Italian ryegrass that was specifically bred for grazing. Feast II offers high energy and feed quality with improved animal performance.

**GREEN SPIRIT ITALIAN RYEGRASS . . . . . \$86.00**  
A popular blend of early and late varieties. Green Spirit has great regrowth, persistence, and high production.

## PERENNIAL RYEGRASS

Perennial ryegrasses are quick establishing, very palatable grasses that are used in long term hay and pasture mixes.

### Planting Rate:

Alone: 25-40 pounds per acre  
In a mix: 10-20 pounds per acre  
Depth: 1/4"

Per 50 lb. bag

**TETRASWEET PERENNIAL RYEGRASS . . . . . \$110.00**  
Late maturing, highly digestible tetraploid perennial ryegrass with exceptional yield all season. This is a high energy grass with excellent winter hardiness and strong regrowth. Tetrasweet has also shown the ability to persist and perform under tough heat and drought conditions that dampened production of other competitive perennial ryegrasses.

**POWER PERENNIAL RYEGRASS . . . . . \$103.00**  
Medium maturing tetraploid perennial variety bred to produce large amounts of high energy forage. Power is highly digestible, exhibits profuse tillering, and is a quick growing variety. Power is less sensitive to drought and heat than many ryegrass varieties.

**BG-24T PERENNIAL RYEGRASS . . . . . \$149.00**  
A blend of early and intermediate maturing diploid and tetraploid ryegrasses. Performs better under high summer temperatures than late maturing varieties. Excellent disease resistance.

**LINN PERENNIAL RYEGRASS . . . . . \$95.00**  
An older variety used mostly in lawn mixes, road banks and terraces.



## FESTULOLIUM

*Festulolium is a hybrid cool season grass developed by crossing a fescue with a ryegrass. Festuloliums demonstrate the quick establishment and palatability of ryegrass and the high dry matter yields and toughness of fescue. Excellent forage by itself or in a mix.*

### Planting Rate:

Alone: 35-45 pounds per acre  
In a mix: 15-20 pounds per acre  
With alfalfa: 2-3 pounds per acre  
Depth: 1/4"

Per 50 lb. bag

### **DUO FESTULOLIUM** . . . . . \$120.00

High powered variety that was the highest yielding variety in its class when introduced. Duo is highly palatable with high feed value and persistence.

### **SUGARCREST FESTULOLIUM** . . . . . \$120.00

Sugarcrest is a hybrid cross of perennial ryegrass and meadow fescue providing a high quality, winter hardy hybrid with added drought tolerance and fast regrowth. Offers exceptional quality and persistence.

## FESCUE

*Fescues are the most commonly used grasses as they can be used for forage, pastures, waterways, lawns and erosion control. Fescues are one of most drought resistant field plants grown and maintain themselves under conditions of low fertility.*

### Planting Rate:

Alone: 20-25 pounds per acre  
In a mix: 4-10 pounds per acre  
With alfalfa: 5-8 pounds per acre  
Depth: 1/4"

Per 25 lb. bag

### **ESTANCIA TALL FESCUE FULL BAGS ONLY** . . . . \$92.00

Estancia with ArkShield® is a late generation forage tall fescue with the addition of a beneficial endophyte. The ArkShield® endophyte protects the grass from disease, insects, and environmental stresses such as heat and drought. Estancia is a medium maturing, high yielding tall fescue with excellent seedling vigor.

Per 50 lb. bag

### **BRONSON TALL FESCUE** . . . . . \$100.00

An outstanding tall fescue variety that exhibits the toughness associated with fescues and is very palatable. An excellent component in both hay and grass mixes.

Per 50 lb. bag

### **STF-43 TALL FESCUE** . . . . . \$157.00

Widely adapted premium blend of late maturing, Barenbrug soft-leaf tall fescues. Long lived and highly digestible with exceptional levels of dry matter. Ideal for nutrient management on large dairy operations who seek to produce forage with high RFQ values.

Per 50 lb. bag

### **HDR MEADOW FESCUE** . . . . . \$185.00

High yielding, digestible and disease resistant blend of Barenbrug meadow fescues with improved palatability and winter hardiness. Developed for high digestibility and energy for dairy and beef producers. Grows under cool, moist conditions and tolerates wet soils. Excellent for hay or pasture.

Per 50 lb. bag

### **PREVAL MEADOW FESCUE** . . . . . \$185.00

Medium maturing meadow fescue with improved disease resistance. Provides effective fiber, high energy, and palatability. Preval is very winter hardy and is tolerant of drought, wet soils and close grazing. An excellent choice for rotational grazing and high quality hay, with very good regrowth.

### **MILKWAY FESCUE** . . . . . \$183.00

Mixture of 50% Barenbrug Meadow Fescue and 50% soft leaf tall fescue. Highest quality perennial forage with a wide range of adaptation for improvements in butter and milk yields. Excellent component for hay or pasture and superior traffic tolerance, ideal for multiple manure applications.

### **FAWN TALL FESCUE** . . . . . \$86.00

A tall fescue used mainly in economical mixes for waterways, pasture or erosion control.

### **CREEPING RED FESCUE** . . . . . \$126.00

Fine bladed spreading grass. Creeping Red tolerates shade very well, making it an excellent companion in lawn mixes. Plant 5 lbs. per 1,000 square feet for lawn.

## TIMOTHY

*Timothy is a cool season perennial bunchgrass best suited for hay production, but also does well in grass pasture and waterway mixes.*

### Planting Rate:

Alone: 8-10 pounds per acre  
In a mix: 2-6 pounds per acre  
Depth: 1/4" - 1/2"

Per 50 lb. bag

### **CLIMAX TIMOTHY** . . . . . \$120.00

An older variety of timothy that is tall, fine-stemmed and leafy. Climax is early maturing and has been the standard in timothy for years.

### **TUUKKA TIMOTHY** . . . . . \$153.00

An improved timothy that exhibits faster regrowth and higher ratios of leaves to stems than other varieties. Tuukka offers improved yields and higher relative feed value over other timothy varieties.

## TEFF GRASS

### Planting Rate:

Alone: 8-12 pounds per acre  
Depth: 1/8"-1/4"

Per 50 lb. bag

### **TEFF GRASS (w/NitroCoat Organic)** . . . . . \$139.00

Warm season annual grass that produces high quality hay in a relatively short growing season. Offers producers the quality and palatability of timothy. Can be used to improve a poor stand of alfalfa or for double cropping after small grain crops. Teff is a great hay or pasture crop when late season plantings are required due to crop failure. Teff has a small seed, similar to alfalfa. Requires a frost free growing season.

## TURF PERFECT LAWN SEED

Per 25 lb. bag

**ALL PURPOSE LAWN SEED MIX** . . . . . \$70.00

- 25% Wildhorse Kentucky Bluegrass
- 25% Appalachian Kentucky Bluegrass
- 25% Creeping Red Fescue
- 25% Turf Type Perennial Ryegrass

*Excellent lawn mix for shade or sun. Plant 3-5 lbs. per 1,000 square feet.*

**SUNNY LAWN SEED MIX** . . . . . \$69.00

- 25% Wildhorse Kentucky Bluegrass
- 25% Appalachian Kentucky Bluegrass
- 50% Turf Type Perennial Ryegrass

*Great choice for lawns with full sun. Plant 3-5 lbs. per 1,000 square feet.*

**URBAN LAWN SEED MIX** . . . . . \$73.50

- 35% Wildhorse Kentucky Bluegrass
- 35% Appalachian Kentucky Bluegrass
- 20% Creeping Red Fescue
- 10% Turf Type Perennial Ryegrass

*Provides a plush lawn that is tough and persistent. Plant 3-5 lbs. per 1,000 square feet.*

**RUFF & TUFF TURF MIX** . . . . . \$56.00

- 85% Turf Type Tall Fescue
- 7.5% Annual Ryegrass
- 3.75% Wildhorse Kentucky Bluegrass
- 3.75% Appalachian Kentucky Bluegrass

*Designed for high traffic and athletic fields. Strong drought tolerance. Use for sandy ground also. Plant 10 lbs. per 1,000 square feet.*

Per 50 lb. bag

**APPALACHIAN KENTUCKY BLUEGRASS** . . . . . \$145.00

*Offers early season dark green color, improved shade tolerance, and good drought tolerance.*

**WILDHORSE KENTUCKY BLUEGRASS** . . . . . \$161.00

*Aggressive and vigorous bluegrass with high tiller density and rich color.*

**FILLY FORAGE KENTUCKY BLUEGRASS** . . . . . \$153.00

*An innovative, multi-purpose workhorse bluegrass ideal for grazing and turf with excellent coverage. Offers superior drought and summer stress resistance. At the top of forage trials.*

**TURF-TYPE PERENNIAL RYEGRASS** . . . . . \$117.00

*Quick establishing, lower growing, fine-bladed grass that does well in sunny areas. Plant 8-10 lbs. per 1,000 square feet.*

**TURF-TYPE FESCUE** . . . . . \$111.00

*Fine-bladed and very tough fescue that can withstand foot and vehicle traffic much better than other lawn grasses. Plant 6-8 lbs. per 1,000 square feet.*



## CANARYGRASS

*A tall, cool season grass that has the ability to withstand flooding and is also very drought tolerant.*

**PALATON REEDS CANARYGRASS** . . . . . Per lb. \$6.00

*A variety with a low alkaloid content, making it palatable to grazing animals. Palaton is higher yielding than other varieties and is well suited for pasture and haymaking.*

**Planting Rate:**

- Alone: 8-12 pounds per acre
- In a mix: 3-5 pounds per acre
- Depth: 1/4" - 1/2"

## SUNN HEMP

**SUNN HEMP** . . . . . Per 50 lb. bag \$107.00

*A fast growing annual legume used as a cover crop to increase organic matter, suppress weeds, and provide nitrogen. When planted as a summer annual can produce 5,000 pounds of biomass and up to 100 units of nitrogen per acre. Ideal as a summer annual after small grain harvest. Inoculant recommended.*

**Planting Rate:**

- Alone: 15-18 pounds per acre
- In a mix: 3-6 pounds per acre

## PLANTAIN

**PLANTAIN** . . . . . Per lb. \$6.00

*A perennial herb that performs well in a wide range of pastures. Plantain is very high in minerals and is fast establishing. Plantain demonstrates a high tolerance to summer heat and can provide valuable pasture growth in the summer months. Exceptional quality forage and very drought tolerant. Adapts to drier regions and less fertile soils.*

**Planting Rate:**

- Alone: 10 pounds per acre
- In a mix: 2-4 pounds per acre

## PHACELIA

**PHACELIA** . . . . . Per lb. \$4.35

*Phacelia is a cool season, fast growing annual broadleaf used for soil improvement. An excellent bee attractant with purple flowers. Will germinate at temperatures above 37° F and winterkills at 18° F. Grows 2-3 feet tall and requires 13 hours of daylight to begin flowering. Exceptional nitrogen scavenger and good weed suppressant.*

**Planting Rate:**

- Alone: 6-8 pounds per acre
- In a mix: 3-4 pounds per acre
- Depth: 1/4"

## VETCHES, TREFOILS & CHICORY

**CROWN VETCH** . . . . . Per lb. ASK  
Cool season perennial legume primarily used to control erosion and stabilize banks and terraces. It is slow to establish, so it is important to control weeds during establishment. Inoculant recommended.

**Planting Rate:**  
Alone: 10-15 pounds per acre  
In a mix: 3-10 pounds per acre  
Depth: 1/2"

**HAIRY VETCH** . . . . . Per 50 lb. bag \$130.00  
Vigorous winter annual that is used mostly for green manure. Hairy Vetch can be seeded in corn at the last cultivation or planted with winter rye in the fall. Hairy Vetch provides good dry matter and excellent hay production, and builds nitrogen for the next crop. When planted in mid-August, Hairy Vetch can be 3-4 feet tall by mid-May the following year. Inoculant recommended.

**Planting Rate:**  
Alone: 25-40 pounds per acre  
In a mix: 15-20 pounds per acre  
Depth: 1/2"-1"

**AC GREENFIX CHICKLING VETCH** . Per 50 lb. bag \$60.00  
An annual legume used to increase nitrogen and soil fertility. Plant in the Spring; best results are obtained if allowed to grow for 60-70 days. Can produce 80-100 units of nitrogen per acre. Excellent green manure crop. Inoculant recommended.

**Planting Rate:**  
Alone: 50-60 pounds per acre  
Depth: 2-3"

**TREFOILS** *Pre-inoculated non-bloating perennial legumes that are tolerant to a wide range of soils and can persist in wet, shallow areas and acidic areas. Use for hay on poor soil where alfalfa may not perform. Trefoils are primarily used in mixes with grasses and legumes. Trefoils are slower to establish and do not take shading well, therefore it is important to control weeds during establishment.*

**Planting Rate:**  
Alone: 5-8 pounds per acre  
In a mix: 3-5 pounds per acre  
Depth: 1/4"- 1/2"

**BRUCE BIRDSFOOT TREFOIL** . . . . . Per lb. \$7.10  
A new release with superior seedling vigor for quicker establishment and a better ability to compete.

**BULL BIRDSFOOT TREFOIL** . . . . . Per lb. \$7.45  
Large leaf variety of trefoil that has a deep branching root system. Bull is an early trefoil variety that has an excellent ability to compete and establish with alfalfa, grasses and other legumes. Bull has an excellent winter-hardiness rating and drought stress tolerance rating.

**CHICORY** *Perennial taproot herbs that provide high levels of minerals and proteins. They are primarily used for pasture in the summer and fall and are highly drought tolerant. Chicory is highly palatable and highly digestible and should be rotationally grazed for best overall performance.*

**Planting Rate:**  
Alone: 6-8 pounds per acre  
In a mix: 2-5 pounds per acre  
Depth: 1/4"- 1/2"

**OASIS CHICORY** . . . . . Per lb. \$6.00  
An early maturing, high yielding variety which provides a longer growing season and more forage than other varieties. Oasis offers improved disease resistance and less bolting. Oasis is very palatable and digestible.

**FORB FEAST CHICORY (w/Nature Jacket C)** . . . . .  Per lb. \$5.80  
High quality, reduced bolting chicory blend from Barenbrug. Highly palatable source of digestible energy, protein and minerals for all livestock and wildlife classes. Excellent drought resistance and winter hardiness.

## BRASSICAS

**RAPE SEEDS** *High yielding, fast growing brassicas. Rapes are an excellent source of crude protein and energy and will produce into freezing temperatures in late fall-early winter if they have not headed out. Rape seeds are best utilized in mixes with other brassicas for sheep and cattle grazing and are very popular in wildlife mixes. Rape seeds may blister white pigs.*

**Planting Rate:**  
Alone: 6-10 pounds per acre  
In a mix: 3-6 pounds per acre  
Depth: 1/2"

**DWARF ESSEX RAPE SEED** . . . . . Per lb. \$1.80  
Lower growing rape that is very nutritious and provides high protein and energy levels. 40-50 day maturity.

**BONAR RAPE SEED** . . . . . \$3.10  
Newer high yielding, late maturing variety that was specifically bred for improved palatability and higher leaf to stem ratio. 90-110 day maturity.

**BARSICA FORAGE RAPE SEED** . . . . . \$2.75  
An early maturing forage rape with high yields and excellent cold tolerance. 80-90 day maturity.

**RADISH** *An annual cool season brassica used as a fast growing cover crop, for organic matter production, and to break up compacted soil. Scavenges nitrogen and other nutrients.*

**Planting Rate:**  
Alone: 8-12 pounds per acre  
In a mix: 3-6 pounds per acre  
Depth: 1/4"

**GROUNDHOG RADISH** . . . . . Per lb. \$2.20  
Leafy radish with long tillering abilities and more root mass than oil seed radish or mustards. Can scavenge 100-150 units of nitrogen per acre before winter killing. 40-60 day maturity.

**DAIKON RADISH** . . . . . \$2.10  
A common oil seed type radish used as a cover crop or for food plots.



## WILDLIFE PERFECT SEEDS

Please browse through our entire catalog to see the wide variety of seed available for wildlife. Our other sections include more information on items such as rape seed, turnips, chicory, milo, peas, clover, grasses, grains and much more!

**TURNIPS** An excellent source of forage for fall/winter grazing for sheep, beef, dairy and wildlife. Turnip leaves offer the highest concentration of protein and yield of any leaf and are firmly anchored into the ground for minimal plant waste. Plant 3-6 lbs. per acre alone or 1-3 lbs. in a mix. Per lb.

**PURPLE TOP TURNIPS** . . . . . \$2.45  
Traditional large bulb; can be used for pasture. After the livestock eat the tops they will pull out the tubers and eat the turnips as well. 55 day maturity.

**APPIN FORAGE TURNIPS** . . . . . \$3.40  
These turnips were bred for fast, vigorous establishment and quick maturity. Appin has a significantly higher proportion of leaf yield compared to other turnips and is multi-crowned for improved regrowth potential. 60-100 day maturity.

**BARKANT FORAGE TURNIPS** . . . . . \$2.70  
Improved variety of turnips having a distinctive tankard shaped bulb and high leaf to stem ratio. 60-90 day maturity.

**OTHER BRASSICAS** . . . . . Per lb.  
**PASJA HYBRID FORAGE BRASSICA** . . . . . \$3.35  
Early maturing, high yielding variety with sweet leaves bred for multiple grazings, rapid regrowth and high performance. 50-60 day maturity. Plant 4-8 lbs. per acre.

**T-RAPTOR HYBRID FORAGE BRASSICA** . . . . . \$3.00  
Early maturing hybrid brassica, a cross between a forage turnip and a forage rape, with a higher leaf-to-bulb ratio. Available for grazing in 40-55 days. Plant 4-8 lbs. per acre.

**MAJOR PLUS SWEDE** . . . . . \$5.45  
A full maturity swede (from 160 days) characterized by its broad elliptical shaped bulb with red skin color. 84% of its yield is in the bulb. Plant 4-8 lbs. per acre.

**KESTREL KALE** . . . . . \$5.75  
A full maturity leafy kale variety with short stems. Bred for high digestibility. 150-220 days to grazing. Suitable for dairy, beef, sheep, and deer. Plant 8-10 lbs. per acre.

**WINTER CAMELINA** . . . . . Per 50 lb. bag \$150.00  
A winter annual brassica used as a cover crop ahead of corn or soybeans. Excellent winter hardiness. Scavenges nitrogen and phosphorous. Plant 6-8 pounds per acre alone and 3-4 pounds with winter rye.

**BIG BUCK PERENNIAL MIX** . . . . . Per 25 lb. bag \$85.00  
Specially formulated for long-term plots. This mix contains items that deer love including Yellow Blossom Sweet Clover, Blaze Red Clover, Delar Burnett, Berseem Clover, Duo Festulolium, Jumbo Ladino Clover, and Chicory. Increases animal size and antler size. Plant 15-20 lbs. per acre.

**BIG BUCK ANNUAL MIX** . . . . . Per 25 lb. bag \$47.50  
A high energy, highly nutritious annual mix containing Austrian Winter Peas, Forage Turnips, Swedes, Forage Brassica and Rape. Very popular with wildlife enthusiasts! Plant 25 lbs. per acre.

**BIG BUCK BRASSICA MIX** . . . . . Per lb. \$2.50  
By popular demand, we have formulated a mixture of our customers' favorite brassicas in one special blend! Big Buck Brassica Mix is a mixture of Purple Top Turnips, multi crowned Pasja Hybrid brassica, Ground Hog Radish, and Dwarf Essex Rape. Excellent as a deer attractant and food source! Plant 7-10 lbs. per acre.

**SWEET SPOT MIX** . . . . . Per 10 lb. bag \$48.00  
Specialty deer mix by Sucraseed with high sugar grasses for increased weight and antler size. A mixture of high sugar grasses, white and red clovers, berseem clover, balansa clover, turnips, and chicory. Plant 20 lbs. per acre.

**DELAR SMALL BURNETT** . . . . . Per 50 lb. bag \$168.00  
A perennial evergreen forb that produces into the winter and is relished by wildlife. Grows 15-18" tall. Plant 15-20 lbs. per acre.

**PEREDOVIC SUNFLOWERS** . . . . . Per 50 lb. bag \$39.00  
High yielding, high oil content black seeded sunflower that is very palatable and a great wildlife food source. Plant 10-15 lbs. per acre in 28-36" rows or 20-30 lbs. per acre if broadcast. 95-100 day maturity.

**BUCK FORAGE OATS** . . . . . Per 50 lb. bag \$39.00  
Wildlife specific oat variety that is late maturing and stays green going into the winter, increasing grazing potential for wildlife. Buck Forage Oats offer high protein, perfect for the deer hunter wanting good weight gain and antler size. Plant 100 lbs. per acre.

**SAINFOIN** . . . . . Per lb. \$2.80  
A non-bloating, deep rooted perennial, very drought resistant, palatable legume used for grazing. Excellent deer attractant. Good for honey production. Plant 1/2" to 3/4" deep. Plant 20-30 lbs. per acre. Inoculant recommended.

**SUGAR BEETS** . . . . . Per lb. \$7.00  
Very nutritious, leafy, palatable forage for deer. Deer will eat the leaves and the root. 70-90 day maturity. Exceptional winter carryover value with high sugar and protein content. Plant 6-8 lbs. per acre.

# SORGHUM, SORGHUM-SUDAN, & SUDANGRASS

Per 50 lb. bag

These products all provide high producing, warm season summer forage, ideal for emergency crop situations or in rotations. None of these crops should be used for horses and all require a soil temperature above 60° for several days before planting. *In order to avoid prussic acid poisoning, do not pasture these forages until they are knee high and do not graze regrowth after frost.*

## **QUEEN BEE BRAND BMR SORGHUM SUDAN HYBRID** . . . . . per 50 lb. bag \$60.00

Queen Bee is an improved BMR hybrid with reduced lignin offering improved fiber digestibility and palatability. This will result in better gains and higher milk production. High leaf to stem ratio and yields of 5-8 dry matter tons per acre. Cut at 40-50 inches or in the early boot stage. Second and third cuttings at 25 to 30 day intervals. Gene 6.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1"-1½"

## **WS902 BRAND BRACHYTIC DWARF BMR SORGHUM SUDAN** . . . . . \$62.00

A dwarf BMR-6 sorghum sudangrass with twice as many leaves producing extremely digestible, high quality forage. This dwarf type has an increased leaf concentration and stands well. Medium maturity, can be used as a single cut or multi-cut forage. For best re-growth cut at 6-8 inches. Can also be used for grazing. Maximum height will be 5-6 feet tall, will mature in about 70-80 days.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1"-1½"

## **CADAN WMR SORGHUM SUDAN HYBRID** . . . . . \$55.00

White mid-rib hybrid with low lignin content. Bred with a dry stalk gene for faster dry-down. Bred for high protein, sweet flavor, high tonnage, high sugar content and good standability.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1"-1½"

## **TRIDAN SORGHUM SUDAN HYBRID** . . . . . \$45.00

A leafy, highly nutritious sorghum sudan hybrid that produces excellent grazing, green chop, or silage. Will furnish summer grazing of up to five cows per acre with good management practices; and recovers quickly after grazing or cutting. Do not cut or graze until the forage reaches 18 inches in height. Cut at 36-48" or 60-75 days for the best possible quality and highest possible yields. Cut at 6-8" or above the second internode with a crimper to speed the drying and regrowth process.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1"-1½"

## **PRO-MAX BMR HYBRID SUDANGRASS** . . . . . ASK

The first true sudangrass with the brown mid rib (BMR) trait. The BMR trait has a lower lignin content, giving producers higher palatability and digestibility thus more efficient animal gains. This is a great high quality summer forage that thickens with each grazing. Start grazing at 20-25 inches and leave a 6-8 inch stubble for best regrowth. Harvest for hay at 40-49 inches. Gene 12.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1/2" -1"

## **PIPER SUDANGRASS** . . . . . \$73.00

A fine stemmed sudan grass. A valuable summer annual forage crop for fine quality hay and silage.

### **Planting Rate:**

Alone: 25-30 pounds per acre  
Depth: 1/2" -1"

## **WS404 BRAND BMR FORAGE SORGHUM HYBRID** . . . . . \$72.00

A high yielding, sweet forage sorghum with reduced lignin content resulting in improved weight gains and higher milk production. This is a sterile hybrid that can be used for grazing, silage, or haylage. Sterile hybrids offer higher sugar content because the sugar remains in the stalk instead of being used to produce grain. Yields 7-10 dry matter tons per acre. Harvest once at the heading stage of 80-85 days. Grows 7-8 feet tall. Gene 6.

### **Planting Rate:**

Alone: 12-15 pounds per acre  
Depth: 1"

## **BUNDLE KING FORAGE SORGHUM** . . . . . \$59.00

Super-sweet tall forage sorghum that can be used for grazing, or chopping. Bundle King is a sterile hybrid that will not produce seed in the absence of pollen, which allow for more of the proteins and sugars to stay in the plant instead of being transferred to the head in the growth process. Bundle King has an excellent leaf to stem ratio, and is good for starting new calves. This is also a great one for making homemade sorghum syrup for your pancakes.

### **Planting Rate:**

Alone: 40-60 pounds per acre if broadcast  
12-15 pounds per acre in rows  
Best if planted in narrow rows  
Depth: ¾"-1½"

## **MILO OR GRAIN SORGHUM** . . . . . \$25.00

Also referred to as grain sorghum, Milo can be used for summer forage in a rotation or as an emergency crop. Reaches 4-5 feet tall; matures in about 100 days.

### **Planting Rate:**

Alone: 15 pounds per acre  
Depth: 1"-1½"

## **WGF (Wild Game Food) MILO** . . . . . \$52.00

Early maturing grain sorghum, 24-34" in height, excellent for wildlife. Mid-bloom in 45 days; mature seed in 85-100 days.

### **Planting Rate:**

Alone: 15 pounds per acre  
Depth: 1"-1 ½"

## MILLETS

All millets require a soil temperature above 60° several days before planting. Severe drought conditions may cause prussic acid poisoning in millets. Cutting and drying for hay minimize potential risks. Do not use millets for horses.

### Planting Rate:

Alone: 25-30 pounds per acre  
Depth: 1/2" -1"

Per 50 lb. bag

**JAPANESE MILLET** . . . . . \$45.00  
Gives the most tonnage of all the millets. It will make 3-4 crops if it is not allowed to head out. Japanese millet likes ample amounts of nitrogen and should be fertilized between cuttings.

**PROSO MILLET** . . . . . \$30.00  
A grain millet primarily used for bird and livestock feed. Proso has the unique ability to shoot tillers and withstand drought. Does not recover after cutting.

**GERMAN MILLET** . . . . . \$52.00  
Used for hay because of its fine stems and leafiness. German millet is a foxtail millet and produces a one cut crop that must be cut at late boot or early bloom stage.

**PEARL MILLET** . . . . . \$88.00  
Pearl is coarse and similar to sorghum sudan, but is easier to dry down for hay. Can be used for hay, pasture and silage and will produce several crops if cut or pastured before it heads out. It is recommended to leave a 10" stubble for regrowth.

## NATIVE WARM SEASON GRASSES

These grasses make 70% of their growth after June 15th, providing grazing in July & August, when cool season grasses taper off. Native grasses are extensively used in pasture and crop protection programs. Weed control is vital during establishment since native grasses are very slow establishers. Do not graze lower than 6-8 inches.

Most native warm season grasses are sold on a pure live seed (PLS) basis.

### Planting Rate for Native Grasses unless stated:

Alone: 8-10 PLS pounds per acre  
Depth: 1/4"

Per PLS lb.

**BIG BLUESTEM** . . . . . \$13.50  
The tallest of the native grasses (3-9 feet) and has a large root system (12-13 feet deep), which gives it a great deal of drought tolerance. Do not graze until at least 16" tall and give the plants rest before frost.

**LITTLE BLUESTEM** . . . . . \$15.50  
Grows 3-5 feet tall and has finer leaves than Big Bluestem. It is more drought tolerant and does best on medium and dry soils.

Per PLS lb.

**CAVE IN ROCK SWITCHGRASS** . . . . . \$13.00

Tall variety (up to 6 feet tall) used in waterways and for wildlife nesting. Plant 5-6 lbs. per acre.

**NEW RC BIG ROCK SWITCHGRASS** . . . . . per bulk lb. \$16.00

New release from Canada showing strong vigor and quicker establishment. Seed size is larger than other varieties on the market and grows to a taller height. Great option for food plot screening. Plant 5-6 lbs. per acre.

**INDIANGRASS** . . . . . \$13.00

Medium sized grass that spreads by seeds as well as underground stems and grows 4-6 feet tall. It is quicker growing, drought tolerant and very nutritious and palatable.

**SIDE OATS GRAMA** . . . . . ASK

Heads look like an oat seed and it adapts to a wide range of soils. Side Oats Grama has good spring vigor and easier establishment than other native grasses and grows to a maximum of 2 feet tall.

**CANADA WILD RYE** . . . . . \$12.50

Perennial native species that grows 2-5 feet tall and is adaptive to varying soils. A great ground cover.



## NATIVE GRASS & WILDFLOWER MIXES

**MIDWEST WILDFLOWER MIX** . . . . . Per lb. \$33.00

### Planting Rate:

Alone: 8-10 pounds per acre  
Depth: 1/4"

Order CRP mixes early!

Per acre

**CP2 MIXES** . . . . . ASK

**CP25 MIXES** . . . . . ASK

**CP33 MIXES** . . . . . ASK

**CP42 POLLINATOR MIXES** . . . . . ASK

**CP42 MONARCH MIXES** . . . . . ASK

## OATS

Oats are listed by their maturity (early to late). BYDV is an abbreviation for Barley Yellow Dwarf Virus. Most of our oats are in 1½ bushel size bags.

### Planting Rate:

Grain Crop: 3 bushels per acre  
Nurse Crop: 1-1 ½ bushels per acre  
Depth: ½"-1"

Per Bushel

### CERTIFIED REINS OATS . . . . . \$10.75

Early maturity, good lodging resistance, and moderately short plant height. Developed by the University of Illinois Agricultural Experiment Station in 2015. Good tolerance to BYDV and resistant to loose smut. Plump, tan kernels.

Grower reported 130 bushels per acre!

### CERTIFIED SHELBY 427 OATS . . . . . \$10.75

A race horse variety released from South Dakota. Early, tall oat with superior yield, disease resistance, standability, and test weight.

### CERTIFIED RUSHMORE OATS . . . . . \$11.75

Rushmore is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station. It is a medium-late maturing, taller oat with high yield potential and good test weight. Rushmore is resistant to crown rust and moderately resistant to BYDV and smut.

### IN09201 OATS . . . . . \$10.25

INO9201's are a short, high yielding variety with resistance to BYDV.

### NON-CERTIFIED JERRY OATS . . . . . \$10.00

Medium-tall, medium maturing oat with high test weight, goat percent, and whole oat protein. Jerry has medium high protein, is moderately susceptible to BYDV and crown rust, and is moderately resistant to stem rust.

### CERTIFIED GOLIATH OATS . . . . . \$11.00

Goliath is a forage oat that is very tall & late maturing. Excellent forage yields.

## MISCELLANEOUS GRAINS

### ROBUST SPRING BARLEY . . . . 48 lb. bag Per bu. \$16.00

An earlier 6 row barley with medium tall height, good test weight and yield. Plant 2 bushels per acre.

### P919 WINTER BARLEY . . . . . 48 lb. bag Per bu. ASK

A beardless winter barley used for fall grazing, forage production, and grain. Released by the University of Nebraska.

### WINTER RYE . . . . . 56 lb. bag Per bu. \$16.50

Excellent cover crop - builds organic matter, prevents erosion and suppresses weeds. High tonnage forage. Plant 1½-2 bushels per acre.

### CERTIFIED DRIVER HARD RED

### SPRING WHEAT . . . . . 50 lb. bag \$18.25

Developed by SDSU and released in 2020 for its combination of agronomic potential, disease resistance, end-use quality, and lodging resistance. Excellent stem rust and leaf rust resistance. Plant 2 bushels per acre.

### CERTIFIED SD ANDES HARD RED WINTER WHEAT . . . . . \$19.00

Per 50 lb. bag

A medium maturing awned winter wheat released in 2020 with shorter height, excellent straw strength, and exceptional winter hardiness. Good for milling. Plant 2 bushels per acre.

### WS X-24 BRAND SOFT RED WINTER WHEAT . . . . . \$17.00

A medium to full season wheat yielding over 10 bushel per acre over other varieties. Excellent leaf and stripe rust resistance. Exhibits excellent straw strength and test weight. Medium height. Beardless variety. Plant 2 bushels per acre.

### BUCKWHEAT . . . . . \$40.00

Use for green manure, cover crop, and weed suppression.

### SPRING TRITICALE . . . . . \$21.00

High quality cross between winter rye and spring wheat.

### TRICAL® 719 WINTER TRITICALE . . . . . ASK

Excellent forage triticale with high yield and good silage quality. Awnletted with reduced beard length. Harvest at early boot stage. Plant 75-100 lbs. per acre.

### FORAGE FX 1001 WINTER TRITICALE . . . . . \$24.00

Consistent high forage yields with excellent winter hardiness. Early maturity. Nearly awnless variety as 97% of plants are completely awnless. Plant 75-100 lbs. per acre.

### FRIDGE WINTER TRITICALE . . . . . \$24.00

A tall, leafy variety producing high forage quality. Use for hay, silage, and grazing. Winter hardy variety.

### AUSTRIAN WINTER PEAS . . . . . \$41.00

Austrian winter peas are used extensively as a cover crop and can produce 60-120 pounds of nitrogen per acre. Able to withstand temperatures as low as 10°, but do not overwinter consistently. Plant 50-75 lbs. per acre. Inoculant recommended.

### SURVIVOR WINTER PEAS . . . . . \$42.00

A winter pea bred for advanced cold tolerance. Superior in early spring green-up when compared to other varieties. Capable of fixing over 200 pounds of nitrogen per acre. Peas are one of the most efficient crops at producing biomass. Quick establishment helps suppress weeds. Plant 50-75 lbs. per acre. Inoculant recommended.

### 4010 FIELD PEAS . . . . . \$29.00

Excellent forage variety, tall with large leaves. Great companion crop with small grains. Plant 80-100 lbs. per acre or 50-70 lbs. per acre with small grains. Inoculant recommended.

### CERTIFIED MONTECH 4193 YELLOW GRAIN PEAS . . . . . \$34.00

High yielding yellow grain pea with an erect growth habit for excellent harvestability. Medium maturity with high yield potential for grain. Plant 180 lbs. per acre or 70-100 lbs. per acre with small grains. Inoculant recommended.

### COWPEAS . . . . . \$65.00

Can produce 100-150 units of nitrogen per acre. Cowpeas thrive under hot, moist conditions. High protein and excellent for wildlife. Must be planted when soil temperature is 65° F. Plant 30-90 pounds per acre. Depth 1-2 inches deep. Inoculant recommended.

Per 50 lb. bag

**PEA-OATLAGE** ..... \$23.00  
45% 4010 Field Peas & 55% Tall Forage Oats. Plant 90-120 lbs. per acre.

**PEA-TRITLAGE** ..... \$25.50  
45% 4010 Field peas & 55% Spring Triticale. Plant 90-120 lbs. per acre.

**SUCCOTASH** ..... \$21.00  
33.3% Early Wheat, 33.3% Spring Barley & 33.3% Oats. Plant 100 lbs. per acre.

**SOYBEAN-MILO MIX** ..... \$30.00  
A mix of Milo and Group 3 soybeans used primarily for haylage or silage. 89% soybeans, 11% milo. Plant 120-150 lbs. per acre.

## SOYBEANS

### Welter Seed Soybeans

**WS2398 BRAND CONVENTIONAL NON-GMO SOYBEANS** ..... NT \$42.00  
140M per bag  
2.3 maturity soybean with strong yields and high protein. Bushy plant type to go along with a medium height. Yellow hilum, so potential food grade option. Carries Phytophthora and SCN resistant genes.

**WS2643 BRAND CONVENTIONAL NON-GMO SOYBEANS** ..... NT \$42.00  
2.6 maturity soybean with medium tall height and mid-bush canopy. Gray hilum and SCN resistance. Nice yielding variety.

### NuTech Soybeans

**NUTECH 22N04E ENLIST SOYBEANS** ..... NT or T ASK  
2.2 maturity that has climbed up the ladder to get our attention. Has solid white mold and SDS scores to pair with Peking SCN resistance. Has Rps1k Phytophthora resistance. Medium height, mid-bush bean with a brown hilum and brown pods.

**NUTECH 24N05E ENLIST SOYBEANS** ..... NT or T ASK  
2.4 maturity bringing a better white mold score to the mid-group maturity. Above average SDS tolerance and Peking Cyst resistance makes this a compelling choice for a lot of acres. Rps1k PRR gene with excellent emergence. Strong harvest standability.

**NUTECH 29N05E ENLIST SOYBEANS** ... NT or T ASK  
Updated 2.9 with Peking Cyst resistance. Medium tall, mid-bush bean with good SDS tolerance and above average white mold tolerance. Has stacked Phytophthora genes for better early season protection. Blends some stronger agronomics with nice upper end yield potential.

T=Treated NT=Non Treated

### Merschman Soybeans

140M per bag

**CHEYENNE 2220E ENLIST SOYBEANS** ... NT or T ASK  
2.0 maturity with strong emergence, handles stress well. SCN resistant. Great SDS tolerance, but only solid on White Mold. Medium tall height, mid-bush canopy. Can handle some wetter ground but keep off Iron Chlorosis soils.

**CHIPPEWA 2522E ENLIST SOYBEANS** ... NT or T ASK  
Updated Chippewa release for 2025 with a 2.2 maturity. Good emergence and standability scores with good stress tolerance. Peking Cyst resistance in a medium tall plant, mid-bush plant type. Above average white mold and SDS scores.

**OSAGE 2526E ENLIST SOYBEANS** ..... NT or T ASK  
High yielding 2.6 soybean for all soil types. Good SDS tolerance and carries Peking Cyst resistance for improved cyst protection. Medium tall, mid-bush plant type with very good emergence. Replaces Chickasaw.

**LINCOLN 2431E ENLIST SOYBEANS** ... NT or T ASK  
3.1 maturity soybean that replaces the popular Arthur, this product has shown more yield potential with better stress tolerance. Still a candidate for SDS treatment on heavy, wet soils, this product has potential across all soil types. Medium tall mid-bush plant that stands well through harvest.

### MORE PRODUCT OPTIONS AVAILABLE

NuTech Soybeans • Merschman Soybeans  
LG Seed Corn and Soybeans - GMO and Non-GMO  
Prairie Hybrid Organic and Non-GMO Corn  
Blue River Organic Corn and Soybeans





## CORN

**NUTECH 71A2 VORCEED** Per 80,000 kernels  
**TRAITED CORN** ..... T 111 Day Maturity ASK

This 111 day product brings a strong blend of agronomics and yield. Offered in an AM (above ground) or Vorceed (new rootworm trait). Exhibits very good drought tolerance and plant health with decent ear flex in a medium tall plant type. Handles most soil types.

**NUTECH 70A8AM**  
**TRAITED CORN** ..... T 110 Day Maturity ASK

110 day corn with above ground insect protection. Moderately statured with excellent ear placement. Carries strong test weight on a white cob with good ear flex. Keep on good fertility and it will reward you. Still a great option in the hybrid mix, stands well.

**NUTECH 70F6 VORCEED**  
**TRAITED CORN** ..... T 110 Day Maturity ASK

110 day corn with girthy ears and strong yield potential. Medium tall plant height with good stress emergence and drought tolerance. Generally healthy with good Tar Spot tolerance, still shows a response with fungicide. Our top corn on corn hybrid.

**NUTECH 68A9AM**  
**TRAITED CORN** ..... T 108 Day Maturity ASK

108 day product that yields with anything on the market. This product has commanded our attention to put into the hybrid mix with consistent strong yields. Good stay green in a medium tall plant type with an upright leaf structure. Flowers early with long grain fill. Plant with confidence.

**NUTECH 66C2 VORCEED**  
**TRAITED CORN** ..... T 106 Day Maturity ASK

106 day product that yields with later corn. This product checks a lot of boxes - good yield, good agronomics, good plant health, good drought tolerance. Strong product choice to mix into your package of hybrids to plant. Medium tall in height, could be used for grain or silage. Works well in about any soil type.

**Many More NuTech Corn Hybrids Available  
 in Different Trait Packages.**

### CONVENTIONAL CORN

Prairie Hybrids  
 Non-GMO ..... NT or T ... per 80,000 kernels ASK

### OPEN POLLINATED CORN

Reid Yellow Dent . NT 100-110 day per 50 lb. bag \$115.00  
 Plant population 16,000-23,000

T=Treated NT=Non Treated



## PIVOT BIO

### Turn to a *Better* Nitrogen

Welter Seed is now offering Pivot Bio Nitrogen products as a way to reduce synthetic Nitrogen needs in corn and cereal grain crops.









Pivot Bio's microbes symbiotically colonize roots and converts atmospheric Nitrogen to Ammonia for the plant in exchange for root exudates reducing the need for 35-40# of synthetic Nitrogen per acre, and it stays put, no leaching.

Pivot Bio ProveN40 is offered as a liquid in furrow option covering 40 acres or an On Seed applied option for probox quantities (local option or brought to site only).

## SWEET CORN

**NEW QUICK START** (Treated) 68-day bi-color ..... Per lb. ASK  
**PEACHES 'N CREAM** (Treated) 70-day bi-color . Per lb. ASK  
**AMBROSIA** (Treated) 75-day bi-color ..... Per lb. \$20.50  
**BODACIOUS** (Treated) 75-day yellow ..... Per lb. \$20.50  
**SERENDIPITY** (Treated) 82-day bi-color ..... Per lb. ASK  
**JACKPOT** (Treated) 84-day bi-color ..... Per lb. \$21.00  
**NEW DELECTABLE** (Treated) 84-day bi-color ..... Per lb. \$20.50  
**INCREDIBLE** (Treated) 85-day yellow ..... Per lb. \$20.75  
**AMBROSIA** (Untreated) 75-day bi-color ..... Per lb. \$20.50  
**INCREDIBLE** (Untreated) 85-day yellow ..... Per lb. \$20.75

## INOCULANT

**ALFALFA/CLOVER** (Exceed Peat)  . 50 lb. size \$9.00  
**BIRDSFOOT TREFOIL**  
 (Exceed Peat) .....  . 50 lb. size \$11.00  
**PEA/VETCH** (Exceed Peat) .....  100 lb. size \$8.10  
**PEA/VETCH** (Exceed Peat) .....  1500 lb. size \$31.30  
**SOYBEAN** (Exceed Peat) .....  6-unit size \$8.40  
**SOYBEAN** (Exceed Peat) .....  30-unit size \$35.20  
**SAINFOIN** (Exceed Peat) .....  100 lb. size \$15.15  
**COWPEA/PEANUT** (Exceed Peat)  100 lb. size \$8.15

## DIATOMACEOUS EARTH & KELP MEAL

Per 50 lb. bag

**DIATOMACEOUS EARTH** .....  . \$27.00  
 Also known as Diatom Shell Flour; DE is a mineral compound mined from old lake beds used by organic growers as an animal feed supplement and for insect and parasite control.

**ORGANIC KELP MEAL** ..... \$66.00  
 A natural feed additive that contains in excess of 60 minerals, more than 12 vitamins, and all essential amino acids.

# CERTIFIED ORGANIC SEED



- Organic seed sold only in full bags
- No returns on organic seed

## ORGANIC ALFALFA

Pre-inoculated with inoculant

**Planting Rate:**

Alone: 15-20 lbs per acre

In a mix: 6-15 lbs per acre

Depth: 1/4" - 1/2"

Per 50 lb. bag

**ORGANIC WS LEAFGUARD BRAND ALFALFA (w/Apex™ Green)** . . . . . . . . . . ASK

Excellent potato leaf hopper alfalfa with an excellent disease rating, exceptional forage quality and good winter hardiness.

Exhibits high resistance to potato leaf hopper.

DRI= 29/30 WSI=2.7 FD=3.5

**ORGANIC GALAXY II BRAND**

**MULTILEAF ALFALFA** . . . . . \$285.00

Galaxy II Brand is an improved dark green, multileaf alfalfa bred for exceptional forage quality and higher yields. Galaxy II has a superior disease rating, good winter-hardiness and is an excellent choice for long rotations.

DRI=30/30 WSI=2.1 FD=4

**ORGANIC 5301 MULTI-LEAF ALFALFA** . . . . . \$275.00

Multi 5301 is an exceptional, top rated multi-leaf alfalfa known for its yields, multi-foliolate expression and high quality forage.

Multi 5301 is an excellent choice for the dairy producer looking for increased feed value and the haymaker looking for persistence, plant health, and high yielding capabilities.

DRI=27/30 WSI=2 FD=4

**ORGANIC 4241 CREEPING ALFALFA** . . . . . \$256.00

An aggressive creeping alfalfa with excellent yield and superior winter hardiness. Quick recovery.

WSI=1.8 FD=2

**ORGANIC ALLSTAR BRAND ALFALFA** . . . . . \$255.00

Improved, leafy alfalfa with excellent yields and longevity. Allstar is fine stemmed and offers very fast recovery after cutting.

DRI=27/30 WSI=2 FD=3

**ORGANIC VNS ALFALFA** . . . . . \$225.00

Northern type, very winter-hardy alfalfa with limited disease resistance. This alfalfa is an economical choice for short rotations or as a nitrogen producing plowdown.

WSI= 2.2 FD=2

## ORGANIC CLOVER

Pre-inoculated with inoculant

Per 50 lb. bag

**ORGANIC RED STAR BRAND RED CLOVER** . . . . . \$245.00

Excellent clover bred for longevity, maximum winter hardiness and maximum disease resistance. Red Star is adapted to all areas in the U.S. where medium red clovers are grown and is considered a 3 year red clover. Red Star has better recovery in the 2nd and 3rd cutting than other cultivars and makes an excellent companion crop with alfalfa, especially in low lying soils that tend to be wet.

**Planting Rate:**

Alone: 10-12 lbs per acre

In a mix: 3-6 lbs per acre

Depth: 1/4"

**ORGANIC MEDIUM RED CLOVER** . . . . . ASK

Economical, fast establishing biennial legume often used as a soil builder or component in short term hay mixtures and can be grown on more acidic soils.

**Planting Rate:**

Alone: 10-12 lbs per acre

In a mix: 3-6 lbs per acre

Depth: 1/4"

**ORGANIC ALTA SWEDE MAMMOTH RED CLOVER** . . . . . \$180.00

Tall, single cut clover used primarily for a plowdown. A single cutting of Alta Swede will give more biomass than other red clovers, but since recovery is slow it is not a good choice for multiple cuttings. Taller and coarser than other red clovers.

**Planting Rate:**

Alone: 10-12 lbs per acre

In a mix: 3-6 lbs per acre

Depth: 1/4"

**ORGANIC RIVENDEL WHITE CLOVER (w/Apex™ Green)** . . . . . . . . . . Per lb. \$7.25

Small leafed, extremely winter hardy white clover with excellent disease resistance. Rivendel has short rhizomes, short leaf growth and a great tolerance to pasture grazing. Suitable for both cattle and sheep farming as it tolerates close grazing.

**Planting Rate:**

Alone: 2-4 lbs per acre

In a mix: 1-3 lbs per acre



# CERTIFIED ORGANIC SEED

Per 50 lb. bag

**ORGANIC ALSIKE CLOVER** ..... \$215.00  
Short lived, perennial clover used in pastures, hay mixes, wetland plantings and as a plowdown. Alsike is adaptive to climates or conditions that are poorly drained or experience temporary flooding.

**Planting Rate:**

Alone: 7-8 lbs per acre  
In a mix: 1-3 lbs per acre  
Depth: 1/4"

**ORGANIC YELLOW BLOSSOM**

**SWEET CLOVER** ..... \$180.00

Good soil building variety used for plowdown or as a nectar source for honey bees. Yellow blossom sweet clover grows on clay pan soils or on sand, tolerates low fertility and wet conditions, and survives drought about as well as alfalfa. Yellow Blossom is a biennial and should not bloom during the seedling year, but the following year it will flower, set seed and die.

**Planting Rate:**

Alone: 12-15 lbs per acre  
In a mix: 2-6 lbs per acre  
Depth: 1/4"

**ORGANIC PLOWDOWN MIX** ..... \$194.00

Organic mixture of fast establishing nitrogen building clovers excellent for improving soil quality. Contains: 1/3 Organic Alta Swede Mammoth Red Clover, 1/3 Organic Alsike Clover, and 1/3 Organic Yellow Blossom Sweet Clover.

**Planting Rate:**

Alone: 12-15 lbs per acre  
Depth: 1/4"

## ORGANIC GRASSES

**ORGANIC FLEET**

Per 50 lb. bag

**MEADOW BROMEGRASS** ..... ASK

Winter hardy variety with excellent regrowth after cutting. Fleet is leafier than smooth brome because it has more basal leaves, making it more palatable. An excellent variety for grazing or haymaking. Less aggressive than smooth brome, therefore maintains a better balance in alfalfa-grass mixes. **Limited Supply – Order Early!**

**Planting Rate:**

Alone: 15-25 lbs per acre  
In a mix: 6-12 lbs per acre  
Depth: 1/4"

**ORGANIC SMOOTH BROMEGRASS** ..... ASK

Sod forming grass used in both waterways and pastures.

Per 25 lb. bag

**ORGANIC ECHELON ORCHARDGRASS** ..... \$107.50

Echelon is well suited for hay production, silage, and grazing. Its late maturity guarantees high forage quality over a longer growing period, offering a more flexible harvest time. Echelon offers excellent persistence and vigor, superior leaf disease resistance, and high feed quality.

**Planting Rate:**

Alone: 10-15 lbs per acre  
In a mix: 3-5 lbs per acre  
Depth: 1/4"

Per 50 lb. bag

**ORGANIC ANNUAL RYEGRASS** ..... ASK

Economical cool season annual can be used for cover cropping, nurse crop, emergency pasture, hay and soil building.

**Planting Rate:**

Alone: 25-35 lbs per acre  
In a mix: 10-15 lbs per acre  
Depth: 1/4"

Per 50 lb. bag

**ORGANIC DASAS ITALIAN RYEGRASS** ..... \$110.00

A medium maturing diploid offering rapid growth and forage production. Dasas exhibits high nutritional value, excellent palatability, and very good disease tolerance.

**Planting Rate:**

Alone: 30-40 lbs per acre  
In a mix: 6-20 lbs per acre  
Depth: 1/4"

**ORGANIC SOLID**

Per 50 lb. bag

**INTERMEDIATE RYEGRASS** ..... \$151.00

Solid is a highly digestible soft leaf tetraploid ryegrass with high resistance to disease. Solid's early spring growth offers a high yield right from the first cut in the spring.

**Planting Rate:**

Alone: 25-40 lbs per acre  
In a mix: 10-20 lbs per acre  
Depth: 1/4"

**ORGANIC PREMIUM DIPLOID**

Per 50 lb. bag

**PERENNIAL RYEGRASS** ..... \$173.00

Intermediate maturing diploid perennial ryegrass with proven forage performance under both grazing and harvested forage management. Premium shows excellent persistence, good winter-hardiness and strong spring growth.

**Planting Rate:**

Alone: 25-40 lbs per acre  
In a mix: 10-20 lbs per acre  
Depth: 1/4"

**ORGANIC CALIBRA TETRAPLOID**

Per 50 lb. bag

**PERENNIAL RYEGRASS** ..... \$178.00

Intermediate maturing tetraploid perennial ryegrass that's proven to be very productive even in short growing seasons. Calibra is highly disease resistant with excellent winter hardiness and a high sugar content. Calibra's early production, strong regrowth and summer yields are exceptional.

**Planting Rate:**

Alone: 25-40 lbs per acre  
In a mix: 10-20 lbs per acre  
Depth: 1/4"

# CERTIFIED ORGANIC SEED

Per 50 lb. bag

**ORGANIC PERSEUS FESTULOLIUM** ..... \$176.00

High yielding, persistent festulolium with increased summer performance and drought resistance. Perseus is a meadow fescue/Italian ryegrass hybrid cross. Consider Perseus when you need a fast-starting, high forage quality grass for hay or pasture. Can be used as a nurse crop when establishing with alfalfa; or inter-seeded into weak winter damaged stands.

**Planting Rate:**

Alone: 35-45 lbs per acre  
 In a mix: 15-20 lbs per acre with grass  
 2-3 lbs per acre with alfalfa  
 Depth: 1/4"

**ORGANIC LAURA MEADOW FESCUE** ..... \$225.00

High yielding meadow fescue with very digestible dry matter in all cuts. Early spring growth habit and an early to medium heading date, Laura establishes very well with other grasses and is high yielding in the first cut, with good regrowth. Laura has a good disease rating and is winter hardy. Endophyte free.

**Planting Rate:**

Alone: 25-30 lbs per acre  
 In a mix: 8-15 lbs per acre  
 Depth: 1/4"

**ORGANIC KORA TALL FESCUE** ..... \$220.00

Highly adaptive tall fescue variety for cutting and grazing. Kora is medium maturing and will not mature too early to ensure harvesting high quality hay. Kora is very cold and drought tolerant with very high, palatable yields. Endophyte free.

**Planting Rate:**

Alone: 20-25 lbs per acre  
 In a mix: 4-10 lbs per acre  
 5-8 lbs per acre with alfalfa  
 Depth: 1/4"

**ORGANIC PASTURE MIX** ..... \$204.00

Superior, long lasting organic mix designed for pasture, silage or hay. Organic Pasture Mix is a blend of organic grasses that are high producing with good disease characteristics and digestibility. A very persistent mix.

- 30% Echelon Orchardgrass
- 30% Laura Meadow Fescue
- 20% Premium Perennial Ryegrass
- 10% Calibra Perennial Ryegrass
- 10% Timothy

**Planting Rate:**

Alone: 35-40 lbs per acre  
 Depth: 1/4"

Per 50 lb. bag

**ORGANIC CLIMAX TIMOTHY** ..... \$170.00

Economical, fine-stemmed timothy very compatible with legumes for hay or in pastures. Climax is early maturing, establishes cover quickly, and is very palatable for livestock. It is viewed as a premium hay for horses.

**Planting Rate:**

Alone: 8-10 lbs per acre  
 In a mix: 2-3 lbs per acre  
 Depth: 1/4"

**ORGANIC SUMMERGRAZE TIMOTHY** ..... \$185.00

A late maturing timothy used for pasture and hay. Selected for high yields, persistence, good spring vigor, and high leaf expression.

**Planting Rate:**

Alone: 8-10 lbs per acre  
 In a mix: 2-3 lbs per acre  
 Depth: 1/4"

## ORGANIC RADISH

**ORGANIC DEEP TILL RADISH** ..... Per lb. \$3.70

Excellent cover crop that enhances and builds the soil while capturing important nutrients. Deep rooted radishes offer substantial forage, break up hardpan, and promote water infiltration.

**Planting Rate:**

Alone: 8-12 lbs per acre  
 In a mix: 1-8 lbs per acre  
 Depth: 1/4"



# CERTIFIED ORGANIC SEED

## ORGANIC SORGHUM SUDANGRASS

**NEW** **ORGANIC WS SWEET SELECT BRAND BMR SORGHUM SUDANGRASS** *ORDER EARLY!* Per 50 lb. bag \$94.00  
Organic Brown Mid Rib Sorghum Sudan with a dry stalk making the plant more digestible, more palatable, higher in efficiency and quicker to drydown (8-10% lower moisture in boot stage) for hay, haylage, silage or greenchop. Excellent early vigor, very good recovery after cutting and a very good disease package. Gene 6.

### Planting Rate:

Alone: 25-30 lbs per acre  
Depth: 3/4"-1"

## ORGANIC HAIRY VETCH

Per 50 lb. bag

**ORGANIC HAIRY VETCH** ..... \$147.00  
Vigorous organic winter annual legume, commonly planted in late summer with or without rye or other grains. Spring regrowth is robust and hairy vetch will produce a large amount of nitrogen (100-120#/Acre). Hairy Vetch has a prostrate plant vine with purple flowers.

### Planting Rate:

Alone: 40 lbs per acre  
25 lbs per acre with rye  
Depth: 1 1/2"-2"

## ORGANIC OATS

### Planting Rate:

Grain crop: 3 bu per acre  
Nurse/cover crop: 1-1 1/2 bu per acre  
Depth: 1/2"-1"

**ORGANIC CERTIFIED REINS OATS** ..... Per bu. \$13.25  
Early maturity, good lodging resistance, and moderately short plant height. Developed by the University of Illinois Agricultural Experiment Station. Good tolerance to BYDV and resistant to loose smut. Plump, tan kernels.

**ORGANIC CERTIFIED SHELBY 427 OATS** ..... \$13.25  
Early, tall, white hulled oat with great standability. Shelby 427 has high yields, test weight, and groat percentage. The disease ratings include resistance to smut, crown rust, and BYDV, and moderate resistance to stem rust. Excellent multi-purpose variety used for feed, straw, milling, or as a companion crop. Released in 2010 by South Dakota Ag Experiment Station.

**NEW** **ORGANIC CERTIFIED RUSHMORE OATS** ..... \$13.25  
Rushmore is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station. It is a medium-late maturing, taller oat with high yield potential and good test weight. Rushmore is resistant to crown rust and moderately resistant to BYDV and smut.

**NEW** **ORGANIC CERTIFIED MN PEARL OATS** ..... \$13.25  
A tall, medium-late maturing variety with good straw strength. MN Pearl is a white hulled variety with high groat percentage and good test weight. Excellent resistance to smut, moderate resistance to crown rust and BYDV.

**ORGANIC N/C JERRY OATS** ..... \$12.75  
Very popular medium-late maturing, medium-tall oat with good grain and forage capabilities. Jerry oats have good test weight, high groat percentage and whole oat protein and are moderately resistant to stem rust, moderately susceptible to BYDV and crown rust.

## ORGANIC WHEAT

### Planting Rate:

Grain crop: 2 bu per acre  
Nurse/cover crop: 1-1 1/2 bu per acre  
Depth: 1"-2"

**NEW** **ORGANIC CERTIFIED MN TORGY HARD RED SPRING WHEAT** ..... Per 50 lb. bag \$24.00  
A medium maturing, bearded variety showing very strong yield performance and above average protein. MN Torgy has moderate overall disease resistance with a very good rating for bacterial leaf streak and a good Fusarium head blight rating.

**ORGANIC WESLEY HARD RED WINTER WHEAT** ..... Per 50 lb. bag \$22.00  
Early maturing, short variety with excellent straw strength. Tolerant to stripe rust.

**NEW** **ORGANIC WS X-24 SOFT RED WINTER WHEAT** ..... Per 50 lb. bag \$21.00  
A medium to full season wheat yielding over 10 bushel per acre over other varieties. Excellent leaf and stripe rust resistance. Exhibits excellent straw strength and test weight. Medium height. Beardless variety.

**ORGANIC LIMAGRAIN LG334 BRAND SOFT RED WINTER WHEAT** ..... Per 50 lb. bag \$21.00  
Limagrain LG334 is a popular, mid-season release with phenomenal yield potential, great standability and improved winter-hardiness over other varieties. This awnless variety has been a higher yielding option for organic producers. Most of the yield increase is due to its superior disease package led by excellent resistance to stripe rust and glume blotch, and very good tolerance to BYDV, powdery mildew and Septoria leaf blotch.

# CERTIFIED ORGANIC SEED

## ORGANIC PEAS/PEA MIXES

Per 50 lb. bag

### **ORGANIC 4010 PEAS** ..... \$37.00

Very popular tall, high producing forage pea variety with large leaves and high productivity. 4010 peas offer highly palatable forage with superior forage quality and yield. 4010 peas are excellent when grown with oats or triticale for chopping. Inoculant recommended.

#### **Planting Rate:**

Alone: 80-100 lbs per acre  
In a mix: 50-70 lbs per acre with grains  
Depth: 1"-1½"

### **ORGANIC PEA OATLAGE** ..... \$30.00

Organic Pea Oatlage is a high yielding nutritious mix of 45% Organic 4010 peas and 55% Organic oats selected for height and forage quality. Pea Oatlage offers farmers a high producing, high feed value forage that is economical and extremely palatable. A favorite with dairy producers when chopped.

#### **Planting Rate:**

Alone: 90-120 lbs per acre  
Depth: 1"-1½"

### **ORGANIC PEA TRITLAGE** ..... ASK

Organic Pea Tritlage is a very nutritious mix of 45% Organic 4010 Field Peas and 55% Organic Spring Triticale. Organic Pea Tritlage is later in maturity and higher in protein due to the leafiness of the triticale. Pea Triticale is a very popular mix due to its high feed value and versatility. A favorite with dairy producers who want nutritious haylage.

#### **Planting Rate:**

Alone: 90-120 lbs per acre  
Depth: 1"-1½"

Per 50 lb. bag

### **ORGANIC AUSTRIAN WINTER PEAS** ..... \$48.00

Extremely popular, highly nutritious winter pea for a variety of plantings-great for forage, silage and green manure. Can produce 60 to 120 pounds of nitrogen per acre. Able to withstand temperatures as low as 10°, but do not overwinter consistently. Inoculant recommended.

#### **Planting Rate:**

Alone: 50-75 lbs per acre  
Depth: 1½"-3"

### **ORGANIC CERTIFIED MONTECH 4193 YELLOW GRAIN PEAS** ..... ASK

High yielding yellow grain pea with an erect growth habit for excellent harvestability. Medium maturity with high yield potential for grain. Inoculant recommended.

#### **Planting Rate:**

Alone: 180 lbs per acre  
70-100 lbs per acre with small grains  
Depth: 1½"-3"

### **NEW ORGANIC DELTA YELLOW PEAS** ..... \$39.00

A dual purpose pea that can be used for grain or forage with good grain yields. An excellent nitrogen fixer, establishing quickly, and providing good ground cover.

#### **Planting Rate:**

Alone: 180 lbs per acre  
70-100 lbs per acre with small grains  
Depth: 1½"-3"

## ORGANIC BARLEY

#### **Planting Rate:**

Alone: 2 bu per acre  
Depth: 1"-1½"

### **ORGANIC ROBUST SPRING BARLEY** . . . 48 lb. bag \$20.00

Early maturing, fast growing 6 row spring barley that has consistently demonstrated high yields, good lodging scores and is known for its plump kernels. Robust has semi-smooth awns and is mainly used as a malting barley, for straw and for feed.

### **NEW ORGANIC HAYMAKER SPRING BARLEY** ..... 48 lb. bag \$26.00

A tall, high yielding forage type barley. Haymaker is a beardless, 2 row barley with fine stems and soft leaves, making it very palatable. Will yield 4-6 tons per acre. Cut at mid dough stage for baling or chopping.

## MISCELLANEOUS ORGANIC GRAINS

### **ORGANIC WINTER RYE** . . . . . 56 lb. bag Per bu. \$18.00

Quick growing, very winter hardy cereal grain seeded in the fall. Produces high tonnage and can be grazed going into fall and can be grazed, chopped, or used for green manure in the spring. Excellent cover crop – builds organic matter, prevents erosion, and suppresses weeds.

#### **Planting Rate:**

Alone: 1½-2 bu per acre  
Depth: 1"-1½"

### **NEW ORGANIC ND GARDNER WINTER RYE** ..... 56 lb. bag Per bu. \$21.00

An excellent choice for cover cropping, crimping, and rolling. Intended to replace Aroostook as it is 1 day earlier in heading, has better winter hardiness, better early season vigor, and greater biomass production than Aroostook. Exhibits better straw strength than Aroostook.

#### **Planting Rate:**

Alone: 1½-2 bu per acre  
Depth: 1"-1½"

### **ORGANIC SPRING TRITICALE** . . . . . Per 50 lb. bag ASK

High in crude protein and relative feed value with excellent digestibility. Great companion in pea mixtures.

#### **Planting Rate:**

Alone: 100-120 lbs per acre  
Depth: 1"-1½"

# CERTIFIED ORGANIC SEED

## ORGANIC WINTER TRITICALE . . . . . Per 50 lb. bag \$28.00

Winter Triticale provides high yielding, superior forage that is highly palatable. High protein value.

### Planting Rate:

Alone: 100-120 lbs per acre  
Depth: 1"-1½"

## ORGANIC BUCKWHEAT . . . . . Per 50 lb. bag \$60.00

Fast growing, warm-season annual. Used for green manure, weed suppression, bee attractant, and loosens up top soil. Plant in late May through July. Buckwheat blooms in 35-45 days, reaches full seed maturity in 65-80 days. Grows 2-5 feet tall. Turn under in bloom stage to avoid reseeding.

### Planting Rate:

Alone: 50-60 lbs per acre  
60-90 lbs per acre for green manure  
Depth: ½"-1½"

## ORGANIC SOYBEANS

### ORGANIC WS23Y25 SOYBEANS . . . . . 140M \$53.00

Brand new offering as a potential food grade option in a 2.3 maturity. Yellow hilum with brown pods and white flowers. Medium to medium tall plant height with a mid-bushy canopy. Above average on white mold and SDS with good emergence and standability. 42-42.5% protein and 21% oil.

### ORGANIC eMERGE 289 SOYBEANS . . . . . 140M \$53.00

Tall, bushy type soybean with a 2.8 maturity. Black hilum. Handles stress well and has an excellent tolerance to SDS. A proven performer across a wide range of conditions.

## ORGANIC CORN

Per 80,000 kernels

### NEW ORGANIC WELTER SEED WS9025 BRAND CORN 90 day . . \$247.00

Early day corn with solid southern movement from zone. Decent heat tolerance for later planting with adequate flex. Gets tall to shade the rows. Good emergence and vigor. Silage option. Plant 30-36K.

### ORGANIC WELTER SEED WS2260 BRAND CORN 102 day . . \$247.00

Medium tall white cob genetics that work great for grain or silage. Wide leaves and flexy ears produce solid test weight grain. WS2260 has been a solid choice in the hybrid mix for years. Plant 28-32K.

### NEW ORGANIC WELTER SEED WS2223 BRAND CORN 102 day . . \$247.00

Brand new genetics that bring us top end Tar Spot tolerance with stronger yields and agronomics. Tall with great stalk integrity, emergence, and vigor make this a must plant. Plant 30-36K.

### ORGANIC WELTER SEED WS2482 BRAND CORN 104 day . . \$247.00

Semi-flex and medium tall in stature WS2482 has always been a safe pick for the organic producer. Above average agronomically with solid stress tolerance. Plant 30-34K.

### NEW ORGANIC WELTER SEED WS2523 BRAND CORN 105 day . . \$247.00

Medium tall corn with good ear flex and test weight. Strong disease package and early season vigor with strong emergence brings us some nice top end yield potential. Plant 30-35K.

### ORGANIC WELTER SEED WS4816 BRAND CORN 108 day . . \$247.00

Medium tall plant with nice grain quality and test weight. Brings good stalks and roots and works well for grain or silage. Good early vigor and emergence helps shade rows quicker. Plant 30-34K.

### ORGANIC PRAIRIE HYBRID CORN . . . . . \$334.00

### NEW ORGANIC ALLURE SWEET CORN 75 day bi-color . . per lb. ASK

## ORGANIC CORN

	WS9025	PH0371	PH591	PH2441	WS2260	WS2223	WS2482	WS2523	PH4991	WS4816	PH5881	PH6251	PH7461
<b>Maturity</b>	90 day	92 day	95 day	101 day	102 day	102 day	104 day	105 day	106 day	108 day	109 day	111 day	111 day
<b>Test Weight</b>	7	9	7	7	7	7	7.5	8	8	7.5	9	7	7
<b>Emergence</b>	8	10	8	8	8	8	8	8	7	8	8	8	9
<b>Early Vigor</b>	8	10	8	8	8	8	7	8	8	8	8	7	7
<b>Drought Tolerance</b>	7	8	6	6	6	7	7	7	8	8	7	7	7
<b>Stalk Quality</b>	7	8	8	8	7	8	8	7	8	9	8	8	8
<b>Plant Health</b>	7	7	7	9	7	8	8	8	8	8	8	7	7
<b>Root Strength</b>	7	8	7	7	9	7	7	7	8	7	7	7	7
<b>Stalk Strength</b>	7	8	8	8	7	8	8	7	8	8	9	8	8
<b>Dry Down</b>	7	9	7	8	8	7	7	7	8	7	8	7	7
<b>Ear Retention</b>	7	8	8	8	9	7	9	7	8	9	8	7	7
<b>Plant Height</b>	T	MT	T	MT	MT	T	MT	MT	MT	MT	MT	MT	M
<b>Ear Height</b>	MH	M	MH	M	M	MH	MH	MH	MH	M	MH	MH	M
<b>Ear Flex</b>	Semi	Flex	Flex	Semi	Flex	Semi	Flex	Flex	Flex	Flex	Flex	Flex	Flex
<b>Silage Application</b>	8	8	9	9	8	7	9	9	9	8	9	7	9
<b>Pop. In Good Soil</b>	30-36	28-34	30-34	32-36	28-32	30-36	30-34	30-35	30-34	30-34	30-34	30-34	30-34
<b>Cob Color</b>	P	P	R	P	W	R	P	P	P	R	R	P	P

Scale: 10 = Excellent, 1 = Poor

Our organic and conventional corn and beans have not been produced using genetic engineering, however we cannot guarantee them to be 100% free of GMO's. The purchase of organic and conventional seed does not guarantee the grain will be marketable as a non-GMO product due to possible contamination from outside sources.



# WELTER SEED & HONEY CO.

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## Cover Crop Mixes

Per 50 lb. bag

**N-Vest® Crimson Cover-All Mix . . . . . \$89.00**

Mixture containing Crimson Clover and GroundHog Radishes

- Produces and scavenges nitrogen
- Crimson Clover can produce up to 140 units of N/Acre
- GroundHog Radishes can scavenge 130 units of N/Acre
- Plant 17-20 lbs. per acre.

**N-Vest® Forager Mix . . . . . \$24.30**

Mixture containing Oats, Winter Rye, and Appin Turnips

- Excellent choice for aerial application into standing row crops.
- Ideal for grazing in winter and spring with 3.5 lbs. per day weight gain on cattle
- Scavenges nitrogen
- Plant 105 lbs. per acre.

Per 50 lb. bag

**N-Vest® NutriBuilder Mix . . . . . \$71.50**

Mixture of cold tolerant Annual Ryegrass, Crimson Clover, and GroundHog Radish

- Produces nitrogen up to 60-100 units of N/Acre
- GroundHog Radishes can scavenge 130 units of N/Acre
- Annual Ryegrass can scavenge 300 units of N/Acre
- Plant 21 lbs. per acre.

**N-Vest® Groundbreaker Mix . . . . . \$58.00**

Mixture containing Austrian Winter Peas and GroundHog Radishes

- Ground aeration and alleviates soil compaction
- Peas can produce up to 120 units of N/Acre
- GroundHog Radishes can scavenge up to 130 units of N/Acre
- Suppresses weeds and increases row crop yields
- Plant 35 lbs. per acre.

**Plant from July to early September**

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Any item under 25 pounds will be subject to a handling fee of \$3.00 per item.

Mixing fee is \$.06 per pound. Minimum mixing fee \$3.00. For shipping charges or any other questions, please call 1-800-470-3325 or 1-800-728-8450.

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**4% January**

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