To Our Valued Customers,

As we start another sales year, it’s important to take time to reflect on the previous year. Last year we moved into a period in agriculture that none of us have experienced. Whether it’s market pressure, prices, or technology, we are certainly living in exciting times! As SEEDWAY celebrates our 60th year serving the farmers of the east, we must take time to thank all the loyal customers that have allowed us to do what we love since 1963.

At SEEDWAY it has always been our goal to bring high-quality products to producers, best suited to your needs. Our broad offering of products has set us apart in the industry and our ability to tailor offerings to the grower level has been something we still hang our hat on today. The ability to help you have a successful crop, remain profitable, and stay on the cutting edge is the reason we continue to make investments in our business and continue to strive to be better.

Eastern growing conditions provide a unique set of challenges. We spend an incredible amount of time studying geographies and growing conditions to find products to fit those needs. This is all so you can have the highest level of success possible. We intend to keep up that tradition going forward and have invested in more people and research to help accomplish that.

As you look through this product portfolio, you will notice the 2023 class of new products is the most robust new offering we have brought to you. As more challenges arise, whether it’s disease tolerance, desired traits, or products needed to fit a market, our goal is to be nimble and responsive. We are excited about the products offered in this guide and know they are developed with you in mind. Our sales and support staff has never been more excited to partner with you for another successful year.

So, from the family at SEEDWAY, a sincere THANK YOU for the past 60 years, and we are looking forward to 2023 and growing together!

Adam Robertson
SEEDWAY, LLC - Farm Seed Business Manager
MEET THE TEAM

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StayConnected
WE'RE SOCIAL :)

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Seedway, LLC
WHERE TO FIND US

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Hall, NY 14463
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Trumansburg, NY 14866
(585) 526-6391

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3442 VT-22A
Shoreham, VT 05770
(802) 897-2281

Wales, ME
295 Leeds Junction Road
Wales, ME 04280
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Emmaus, PA
5901 Vera Cruz Road
Emmaus, PA 18049
(610) 967-4131

Mifflinburg, PA
275 North 8th Street
Mifflinburg, PA
(570) 966-3841

Orangeburg, SC
170 Regional Parkway
Orangeburg, SC 29118
(803) 585-7501

Frostproof, FL
930 Co Rd 630
Frostproof, FL 33843
(863) 635-4473
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**Must meet program requirements to be eligible for offer(s) on qualified products.

CONTACT YOUR SEEDWAY SALES REPRESENTATIVE or the SEEDWAY Credit Department for more information at (585) 526-6391

LIMITED WARRANTY

SEEDWAY warrants for one year from the date of sale the Seeds to conform to the label descriptions provided as required by, and subject to the tolerances established by, state and federal seed laws. Seedway represents and warrants that good title to the Seeds will pass free and clear of all charges, claims, and liens of any nature. THE FOREGOING EXPRESS WARRANTIES ARE THE SOLE WARRANTIES MADE TO BUYER, AND SEEDWAY EXCLUDES AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO OTHER WARRANTIES.

BY ACCEPTANCE AND USE OF THE SEEDS, BUYER AGREES THAT SEEDWAY’S LIABILITY AND THE BUYER’S EXCLUSIVE REMEDY UNDER ANY THEORY WHATSOEVER SHALL BE LIMITED IN ALL EVENTS TO A RETURN OF THE PURCHASE PRICE OF THE SEEDS. SEEDWAY SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES ARISING FROM THIS SALE, INCLUDING LOST PROFITS OR LOSS OF USE OF PLANTS OR PRODUCTS FROM THE SEEDS. Claims for defects in the Seeds must be presented within 60 days after discovery, or sooner where required by law or applicable state provisions. Crop yields and quality are due to many causes and conditions beyond SEEDWAY’s control; Seedway does not warrant yield or quality. The provisions of this limited warranty and exclusive remedy are severable, and the lack of enforceability of any one provision does not affect the remaining provisions.

After any required or permitted state-specific arbitration, conciliation or mediation of disputes, ANY CONTROVERSY OR CLAIM ARISING OUT OF OR RELATING TO THIS SEED SHALL BE FULLY AND FINALLY RESOLVED BY ARBITRATION IN ACCORDANCE WITH THE RULES THEN PREVAILING OF THE AMERICAN ARBITRATION ASSOCIATION, AND JUDGMENT UPON AWARD RENDERED MAY BE ENTERED IN ANY COURT HAVING JURISDICTION THEREOF. Unless the parties otherwise agree in writing, such arbitration shall be conducted in New York, NY. No arbitration or other claim may be commenced by Buyer as to any Seeds more than one year after receipt of the Seeds. All claims arising out of or relating to this Seed shall be interpreted and construed in accordance with the laws of the State of New York. THESE TERMS SHALL NOT BE MODIFIED OR AMENDED EXCEPT IN WRITING SIGNED BY BOTH PARTIES.
# SEED CORN TECHNOLOGY

## CORN HYBRID TRAITS

<table>
<thead>
<tr>
<th>SEEDWAY® TRAIT CODE</th>
<th>TRAIT NAME</th>
<th>TRAIT PACKAGE</th>
<th>HERBICIDE TOLERANCE</th>
<th>INSECT PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONVENTIONAL</td>
<td>None</td>
<td>None</td>
<td>No tolerance to either Glyphosate or Glufosinate.</td>
<td>Dependent on native resistance of base genetics.</td>
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<tr>
<td>RR</td>
<td>Roundup Ready® Com 2</td>
<td>None</td>
<td>Tolerance to Glyphosate.</td>
<td>Dependent on native resistance of base genetics.</td>
</tr>
<tr>
<td>PAST RELEASES</td>
<td>VT2P (RIB)</td>
<td>VT Double PRO® RIB Complete®</td>
<td>Tolerance to Glyphosate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, &amp; Corn Earworm Below Ground: None</td>
</tr>
<tr>
<td>NEW RELEASES</td>
<td>VT (RIB)</td>
<td>VT Double PRO® RIB Complete®</td>
<td>Tolerance to Glyphosate and Glufosinate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm Below Ground: Corn Rootworm</td>
</tr>
<tr>
<td>SS (RIB)</td>
<td>SmartStax® RIB Complete®</td>
<td>None</td>
<td>Tolerance to Glyphosate.</td>
<td>Dependent on native resistance of base genetics.</td>
</tr>
<tr>
<td>TR (RIB)</td>
<td>Trecepta® RIB Complete®</td>
<td>None</td>
<td>Tolerance to Glyphosate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm, &amp; Western Bean Cutworm Below Ground: None</td>
</tr>
<tr>
<td>GT</td>
<td>Agrisure® GT</td>
<td>None</td>
<td>Tolerance to Glyphosate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm, &amp; Western Bean Cutworm Below Ground: None</td>
</tr>
<tr>
<td>VIP 3110</td>
<td>Agrisure Viptera® 3110</td>
<td>None</td>
<td>Tolerance to Glyphosate and Glufosinate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm, &amp; Western Bean Cutworm Below Ground: None</td>
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<tr>
<td>3000GT</td>
<td>Agrisure® 3000GT</td>
<td>None</td>
<td>Tolerance to Glyphosate and Glufosinate.</td>
<td>Above Ground: European Corn Borer Below Ground: Corn Rootworm</td>
</tr>
<tr>
<td>PAST RELEASES</td>
<td>DC 5222 (E-Z)</td>
<td>Agrisure Duracade® 5222 E-Z Refuge®</td>
<td>Tolerance to Glyphosate and Glufosinate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm, &amp; Western Bean Cutworm Below Ground: Corn Rootworm</td>
</tr>
<tr>
<td>NEW RELEASES</td>
<td>DV (E-Z)</td>
<td>Agrisure Viptera® 3220 E-Z Refuge®</td>
<td>Tolerance to Glyphosate and Glufosinate.</td>
<td>Above Ground: European Corn Borer, Fall Armyworm, Corn Earworm, &amp; Western Bean Cutworm Below Ground: None</td>
</tr>
</tbody>
</table>
SEED CORN TECHNOLOGY

INSECT RESISTANCE MANAGEMENT® STATEMENT
Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

Bayer Company is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready® 2 Technology contain genes that confer tolerance to glyphosate.Glyphosate will kill crops that are not tolerant to glyphosate. Herculex® is a registered trademark of Dow AgroSciences LLC, LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, SmartStax®, Trecepta® and VT Double PRO® are trademarks of Bayer Group.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company.

More information about Agrisure Duracade® is available at http://www.biotradestatus.com/. Agrisure Viptera® is a registered trademark of a Syngenta group company.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Agrisure®, Agrisure Duracade®, Agrisure Viptera® and E-Z Refuge® are registered trademarks of a Syngenta Group Company.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective,postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Agrisure® Corn Trait Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience, LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience, LLC.
Short-season hybrids with SmartStax® RIB Complete® technology are hard to come by and this one gets the job done right. Superior seedling emergence and early growth. Deep kernels dry down dependably to produce ample bushels of high quality grain with limited heat units. A more determinant ear warrants a good plant population to support maximum yield. Standability is top notch. Superior agronomic package that performs well on less productive soils as well as highly productive soils to boot. Roundup Ready® Corn 2 version is new this year.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating

NOTES
A sharp looking early product that was built for the North Country. Ear development is very uniform down the row with husks that flare open to promote rapid grain drydown and a longer shank that reliably lets the ears tip down at harvest. Strong out of the ground in cooler soils making it a good choice for early planting and reduced tillage. Best performance on more productive soils with higher plant populations and top management, but the bottom doesn’t fall out when conditions aren’t ideal. The conventional version was added this year for more planting options.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating

NOTES

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________________________________________________________________________
Lead hybrid in the maturity available in both SmartStax® RIB Complete® and VT Double PRO® RIB Complete® versions. Simply amazing yields of both high quality grain and silage. Gets off to a fast start out of the ground in the spring and dries down fast in the fall. Standability you can count on and takes stress in stride. Consistent top performance over a wide variety of soil types and management practices. Plant it and reap the rewards.
A very dependable genetic package that is gaining ground in the East. Always expected to be in the running on both highly and less productive fields. The real deal for a well-rounded, dual-purpose workhorse with a history of success. The lesser traited Roundup Ready® Corn 2 and conventional options bring demonstrated value when neither Corn Borer or Corn Rootworm are a concern.

### Table: Performance Ratings

<table>
<thead>
<tr>
<th>Trait</th>
<th>SW 9124 RR</th>
<th>SW 9124</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
<td>Tall</td>
<td>Medium</td>
</tr>
<tr>
<td>Ear Height</td>
<td>Medium</td>
<td>Medium</td>
</tr>
<tr>
<td>Ear Type</td>
<td>Semi-Flex</td>
<td></td>
</tr>
<tr>
<td>Plant Population</td>
<td>Medium-Medium High</td>
<td>Medium-Medium</td>
</tr>
<tr>
<td>Relative Maturity</td>
<td>91 Day</td>
<td></td>
</tr>
</tbody>
</table>

#### Key to Ratings
- 1 = Excellent
- 5 = Poor
- N/R = No Rating

### Summary

- **Grain Yield**: 2
- **Standability**: 1.5
- **Test Weight**: 2
- **Grain Drydown**: 1.5
- **Early Vigor**: 1.5
- **Stress Tolerance**: 1.5
- **Silage Yield**: 1.5
- **Fiber Profile**: 1.5
- **Starch Profile**: 2
- **Staygreen**: 2.5
- **Gray Leaf Spot**: 2.5
- **Northern Corn Leaf Blight**: 2.5
- **Anthracnose Stalk Rot**: 2.5

**NOTES**

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An exciting new addition to the SEEDWAY lineup that makes a great companion to the SW 9124 family with similar trait choices. A very crisp and clean appearance in the field with even higher yields of both high quality grain and silage with a superior fiber and starch package. First choice for early planting and chilled soils. Superior staygreen, healthy stalks and roots plus plant intactness all contribute to a very durable hybrid throughout the growing season.
An early release in the fall of 2021 with top of the line Agrisure® traits brings together state of the art above and below ground insect protection plus Viptera® technology to fight off Western Bean Cutworm and Corn Earworm. Agrisure Artesian® technology provides season-long drought protection. SW 9199DV offers an attractive visual package with wider, dark green leaves, golden grain and a plant that remains intact plant right through harvest.

**Grain Yield**

**Standability**

**Test Weight**

**Grain Drydown**

**Early Vigor**

**Stress Tolerance**

**Silage Yield**

**Fiber Profile**

**Starch Profile**

**Staygreen**

**Gray Leaf Spot**

**Northern Corn Leaf Blight**

**Anthracnose Stalk Rot**

**Key:** 1 = Excellent, 5 = Poor, N/R = No Rating

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**NOTES**

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Big and brawny new hybrid that has a noticeably leafier and robust plant with a large, flex ear. A real standout for silage with premium tonnage plus an enviable fiber and starch package for outstanding milk production earns it the highest recommendation in the maturity. Grain content of the forage is top notch for maximum energy output. Fights off Northern Corn Leaf Blight. Just plant it and stand back. Both SmartStax® RIB Complete® and Roundup Ready® Corn 2 versions are available.
Super strong emergence and early growth get this hybrid off to a great start ahead of the pack. First choice for early planting and chilled soils. Semi-flex ear with both length and girth. Good tip fill and husks that flare open to enhance grain drydown. Solid forage package for both yield and quality as well. Performs well in zone and moving north. Holds up under drought and stress. This product is designed as a prescription to remedy for those acres that have yield limitations using adapted genetics. Use where Corn Rootworm is not a concern.

NOTES

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SW 9504VT (RIB)

Plant Height: Tall
Ear Height: Medium-Medium High
Ear Type: Semi-Flex
Plant Population: Medium-Medium High

SW 9504VT shells out an impressive quantity of bushels of grain off each and every acre while standing strong with healthy stalks that fight off Anthracnose Stalk Rot. Girthy ears that flex with superior tip fill adapt to the full range of field conditions. The tall, robust plant looks simply outstanding and delivers the goods, even under stress. Moves north and south of zone. Plant where Corn Rootworm is not a concern. **Good choice where Tar Spot pressure is expected to be high.**

Key: 1 = Excellent, 5 = Poor, N/R = No Rating
Newly released sister-line selection to the popular SW 3768SS and coming in about one day later. SW 9550SS has a little beefier plant type with a little more flex to the ear in the field and more yield on average for both grain and silage. Expect the same wide adaptation as with SW 3768SS with the same top shelf feed quality you have come to expect. Main focus should be more on silage and high moisture grain use.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating

NOTES

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________________________________________________________________________________________
Another new addition to the SEEDWAY line with the grain grower in mind. A very consistent performer in field after field with a very clean and uniform appearance. Yield, standability, test weight and drydown are all rated superior. It gets off to a fast start even in cold soils and is well suited to early planting and reduced tillage practices. First choice for the tough acre, droughty soils or where heat and stress is expected. Resists Anthracnose Stalk Rot. Roundup Ready® Corn 2 and conventional versions are both available.

<table>
<thead>
<tr>
<th>Trait</th>
<th>SW 9696RR</th>
<th>SW 9696</th>
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</thead>
<tbody>
<tr>
<td>Plant Height</td>
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<td>Medium</td>
</tr>
<tr>
<td>Ear Height</td>
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<td></td>
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<tr>
<td>Ear Type</td>
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<td>Plant Population</td>
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<tr>
<td>Relative Maturity</td>
<td>96 Day</td>
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<table>
<thead>
<tr>
<th>Trait</th>
<th>1 = Excellent, 5 = Poor, N/R = No Rating</th>
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<tr>
<td>Grain Yield</td>
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<tr>
<td>Standability</td>
<td>1</td>
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<tr>
<td>Test Weight</td>
<td>1</td>
</tr>
<tr>
<td>Grain Drydown</td>
<td>1</td>
</tr>
<tr>
<td>Early Vigor</td>
<td>1</td>
</tr>
<tr>
<td>Stress Tolerance</td>
<td>1</td>
</tr>
<tr>
<td>Silage Yield</td>
<td>2</td>
</tr>
<tr>
<td>Fiber Profile</td>
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</tr>
<tr>
<td>Starch Profile</td>
<td>2</td>
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<tr>
<td>Staygreen</td>
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<tr>
<td>Gray Leaf Spot</td>
<td>2</td>
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<tr>
<td>Northern Corn Leaf Blight</td>
<td>2</td>
</tr>
<tr>
<td>Anthracnose Stalk Rot</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Key: 1 = Excellent, 5 = Poor, N/R = No Rating
SW 9726TR showcases the exciting Trecepta® technology that brings improved control of both Western Bean Cutworm and Corn Earworm in high caliber genetics for the Northeast. The large, girthy flex ear that flowers late bears exceptional yields of grain that dries down fast on superior stalks and roots. The tall plant produces exceptional tonnage with superior feed quality. Impressive performance in SEEDWAY trials. No protection against Corn Rootworm.

| Plant Height: Tall | Ear Height: Medium | Ear Type: Flex | Plant Population: Medium-Medium High |

| SW 9726TR (RIB) |

**Performance Indicators:**
- **Grain Yield:** 1
- **Standability:** 1
- **Test Weight:** 25
- **Grain Drydown:** 1
- **Early Vigor:** 1.5
- **Stress Tolerance:** -1
- **Silage Yield:** 1
- **Fiber Profile:** 1.5
- **Starch Profile:** -1
- **Staygreen:** 2.5
- **Gray Leaf Spot:** 2
- **Northern Corn Leaf Blight:** 25
- **Anthracnose Stalk Rot:** 1.5

**Key:** 1 = Excellent, 5 = Poor, N/R = No Rating

**NOTES**

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SEED CORN PRODUCT PORTFOLIO

SW 9839SS (RIB)  
SW 9839VT (RIB)

Long ears displayed attractively on a longer shank have a good amount of flex to adapt to varying plant populations. Superior husk coverage protects the well-filled tips against the possibility of bird damage reducing grain yield and quality. Ears reliably tip down in the fall. Yield, standability, test weight and grain drydown are all top notch with superior ratings for Gray Leaf Spot. Both SmartStax® RIB Complete® and VT Double PRO® RIB Complete® trait packages are available.

<table>
<thead>
<tr>
<th>Grain Yield</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Grain Drydown</th>
<th>Early Vigor</th>
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<tr>
<td>1.5</td>
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<table>
<thead>
<tr>
<th>Stress Tolerance</th>
<th>Silage Yield</th>
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<th>Starch Profile</th>
<th>Staygreen</th>
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<table>
<thead>
<tr>
<th>Gray Leaf Spot</th>
<th>Northern Corn Leaf Blight</th>
<th>Anthracnose Stalk Rot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>2</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Key: 1 = Excellent, 5 = Poor, N/R = No Rating
Dominant product in the maturity. Girthy-eared hybrid with superior leafiness in the field produces abundant harvests of both high quality grain for the crop farmer and high quality forage for the dairy producer. Starch and fiber profiles are rated the best for maximum milk production. Fights off Anthracnose Stalk Rot to protect standability. Widely adapted and handles the tough acre. SmartStax® RIB Complete®, VT Double PRO® RIB Complete® and Conventional versions are all options.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating
Exciting new addition to the SEEDWAY brand in a popular maturity with all the bells and whistles. A very showy hybrid with a tall, robust plant and long, flexy ears that hang out between the rows at harvest for super eye appeal. Strong staygreen and superior plant intactness throughout the growing season. Excellent yields of both grain that dries down fast and silage that feeds out well to produce a lot of milk.
Another early release in the fall of 2021 with top of the line Agrisure® traits brings together state of the art above and below ground insect protection plus Viptera® technology to fight off Western Bean Cutworm and Corn Earworm. SW 0345DV has a lower ear placement for the size of the plant and a shorter ear shank that tends to hide the yields of high quality grain. Good option for silage up north in Western Bean Cutworm hot spots.

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<tr>
<th>Stress Tolerance</th>
<th>Silage Yield</th>
<th>Test Weight</th>
<th>Grain Drydown</th>
<th>Early Vigor</th>
<th>Grain Yield</th>
<th>Standability</th>
<th>Fiber Profile</th>
<th>Starch Profile</th>
<th>Staygreen</th>
<th>Gray Leaf Spot</th>
<th>Northern Corn Leaf Blight</th>
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</table>

Key: 1 = Excellent, 5 = Poor, N/R = No Rating

NOTES

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New 106 day hybrid brings stable, top shelf performance to this maturity with added genetic diversity. The tall plant is consistently leafier with a medium ear position. The more determinate ear size takes advantage of a heavier plant population to ensure the highest possible yields. Grain drydown is excellent and produces a softer kernel texture and more moderate test weight. The fiber and starch profiles support good milk production. Can handle drought and stress. Superior ratings for Northern Corn Leaf Blight and Anthracnose Stalk Rot. SmartStax® RIB Complete® version is a good option for corn on corn ground. Conventional version is also available.

NOTES

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Key: 1 = Excellent, 5 = Poor, N/R = No Rating
SW 0880RR fills a new maturity slot at 108 days with a solid track record of performance over time. The girthy ears with deep, high quality kernels and that fill to the tip have a very consistent look down the row. A more determinant ear with a fairly upright leaf plus healthy stalks and roots responds well to a denser plant population to maximize yield. Superior ratings for staygreen and Northern Corn Leaf Blight.

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Key: 1 = Excellent, 5 = Poor, N/R = No Rating
**SW 1021VT (RIB)**

SW 1021VT is the new yield pacesetter for grain in the maturity, surpassing even SW 1162VT and coming in a day earlier. The leafy, robust plant puts on a larger flex ear with both length and girth. The deep kernels dry down quickly after grain fill is complete with a softer kernel texture and more moderate test weight. This adds up to a silage rich in grain and a lot of available starch in the ration. Good on stress and moves south well. Fends off Northern Corn Leaf Blight and Anthracnose Stalk Rot. Use where Corn Rootworm is not a concern.

---

**Grain Yield:** 1  
**Standability:** 1.5  
**Test Weight:** 25  
**Grain Drydown:** 1  
**Early Vigor:** 1.5  
**Stress Tolerance:** 1  
**Silage Yield:** 1.5  
**Fiber Profile:** 1.5  
**Starch Profile:** 1  
**Staygreen:** 2  
**Gray Leaf Spot:** 2  
**Northern Corn Leaf Blight:** 1.5  
**Anthracnose Stalk Rot:** 1.5

**Key:** 1 = Excellent, 5 = Poor, N/R = No Rating
Large footprint hybrid with a stepwise improvement in yield and dependable standability for grain. Extreme tonnage with superior fiber and starch digestibility that can make a lot of milk. Hefty ear type with length, girth and tip fill on a leafy plant. Strong emergence and early plant growth makes it a top choice for chilled soils and reduce tillage. Adapted to all yield environments. Moves both north and south of zone with excellent results. Plant where Corn Rootworm is not an issue.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating
In 2021, SW 1188SS yielded more bushels of grain and more tons of silage than even SW 1162VT, the current benchmark for performance in this maturity. When pushed into a fuller season market, the yield advantage was maintained. The plant is tall with a more upright leaf, the ears are long with good flex and excellent husk coverage but a little short on tip fill. Stalks and roots are both superior. Ratings for Northern Corn Leaf Blight, Anthracnose Stalk Rot, Southern Leaf Blight and Southern Rust are all very good. This hybrid should move south well.
Outstanding Trecepta® product that’s winning its way onto more and more acres. This cutting edge technology brings improved control of Western Bean Cutworm and Corn Earworm. Incredible yields of grain that dries down rapidly and finishes off with high test weight. The ear is lower for the height of the plant and more determinant so it shines with a good plant population to support the best yields. Strong yields of high quality silage with a lot of starch. Superior ratings for both Northern Corn Leaf Blight and Anthracnose Stalk Rot. No protection against Corn Rootworm.

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Key: 1 = Excellent, 5 = Poor, N/R = No Rating
Yields within striking distance of top performing SW 1345TR and SW1579VT hybrids in 2021 trials and nestled right in the middle for maturity. A longer, more slender ear with flex that dries down quickly to produce high test weight grain at harvest. The forage quality at feed out from the tall, leafy plant that is rich in grain looks first rate. Moves south well. Some of the best ratings for Anthracnose Stalk Rot and Southern Leaf Blight. Plant where Corn Rootworm pressure is not a concern. Good choice where Tar Spot pressure is expected to be high.
Bin busting yielder of high quality grain for the crop farmer and bunk topping yielder of high quality forage for the dairy producer all rolled into one. Starch and fiber profiles are some of the best to maximize return per cow per day. 2021 WINNER of the Pennsylvania Southeast (PASE) FIRST SILAGE TRIALS for MILK/ACRE! The visual package in the field is as good as it gets. A big, robust plant with a large, flex ear plus superior staygreen and plant intactness thru harvest. A great overall health packages as well, fighting off Anthracnose Stalk Rot, Gray Leaf Spot and Northern Corn Leaf Blight to boot. First choice under all yield conditions and good under stress. VT Double PRO® RIB Complete® and SmartStax® RIB Complete® trait packages are both available.

**Key:** 1 = Excellent, 5 = Poor, N/R = No Rating
New family of genetics to help broaden the offerings in this maturity. The large, flex ears filled to the tips with fancy test weight grain hang out between the rows and are hard to miss. Compensates for lower plant populations with an even bigger ear and deeper kernels. The beefy plant makes it a good choice for silage with a lot of starch. Moves north and south of zone with solid ratings for both Northern Corn Leaf Blight and Southern Leaf Blight. Both VT Double PRO® RIB Complete® and Roundup Ready® Corn 2 technology packages are available.

**NOTES**

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**Key:** 1 = Excellent, 5 = Poor, N/R = No Rating
A full-season hybrid that's right at home in the deep south with the ability to move north. Kernels on the flex ear set up hard quickly after flowering and shell out big yields of high test weight grain at harvest. The plant is leafy with more upright leaves and can produce a lot of tons of fodder for feed. Superior late-season plant appearance into the fall. Good on Northern Corn Leaf Blight and Southern Rust. VT Double PRO® RIB Complete® and SmartStax® RIB Complete® trait packages are both available.

Key: 1 = Excellent, 5 = Poor, N/R = No Rating

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## SEED CORN PRODUCT PORTFOLIO

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<th>STANDABILITY</th>
<th>TEST WEIGHT</th>
<th>GRAIN DRYDOWN</th>
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**Key:**  1 = Excellent, 5 = Poor, NA = Not Available, NR = Not Recommended, M = Medium, MT = Medium Tall, T = Tall, L= Low, MH = Medium High, H = High

Agrisure® GT = GT • Roundup Ready® Corn 2 = RR • VT Double PRO® RIB Complete® = VT (RIB) or VT2P (RIB) • SmartStax® RIB Complete® = SS (RIB) • Trecepta® RIB Complete® = TR (RIB) • Agrisure® 3000GT = 3000GT • Agrisure Viptera® 3110 = VIP 3110 • Agrisure Duracade® 5222 E-Z Refuge® = DC 5222 (E-Z) or DV (E-Z) • Agrisure Viptera® 3220 E-Z Refuge = V (E-Z)
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Agrisure Viptera® 3110 = VIP 3110  •  Agrisure Duracade® 5222 E-Z Refuge® = DC 5222 (E-Z) or DV (E-Z)  
Agrisure Viptera® 3220 E-Z Refuge = V (E-Z)
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## SEED CORN PRODUCT PORTFOLIO

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**Key:** 1 = Excellent, 5 = Poor, NA = Not Available, NR = Not Recommended, M = Medium, MT = Medium Tall, T = Tall, L= Low, MH = Medium High, H = High

Agrisure® GT = GT • Roundup Ready® Corn 2 = RR • VT Double PRO® RIB Complete® = VT (RIB) or VT2P (RIB) • SmartStax® RIB Complete® = SS (RIB) • Trecepta® RIB Complete® = TR (RIB) • Agrisure® 3000GT = 3000GT • Agrisure Viptera® 3110 = VIP 3110 • Agrisure Duracade® 5222 E-Z Refuge® = DC 5222 (E-Z) or DV (E-Z) • Agrisure Viptera® 3220 E-Z Refuge = V (E-Z)
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NOTES
OBTAYN™ soybean treatment provides an exclusive combination of fungicide and insecticide protectants for early season stresses.

This industry leading treatment includes premium fungicides to protect against:
- Pythium
- Phytophthora
- Rhizoctonia
- Fusarium

This industry leading treatment includes premium insecticide to protect against:
- Soybean Aphids
- Maggots
- Bean Leaf Beetles

Industry leading inoculant:
- Early Season Growth
- Early Nutrient Utilization
- Enhances The Use Of Seed Reserves For Quick Establishment

Along with the addition of a NEW cutting-edge biological that helps the crop mitigate stress all season, OBTAYN™ is packing and early punch to kickstart your soybean crop.
Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

**Roundup Ready 2 Technology** contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation.

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: lug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience. The products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer’s acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed. Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. ™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience and its affiliated companies. Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html

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**SOYBEAN TECHNOLOGY**

---

**SOYBEAN Product Key**

**RATINGS**

1 = Best

**PLANT HEIGHT**

T = Tall
MT = Medium - Tall
M = Medium

**PLANT TYPE**

M = Medium
MB = Medium - Bushy
B = Bushy

**PUBESCENCE**

TW = Tawny
LT = Light Tawny
G = Gray

**FLOWER COLOR**

W = White
P = Purple
G = Gray

**HILUM COLOR**

Y = Yellow
Bl = Black
IB = Imperfect Black
Bu = Buff
Br = Brown

---
YIELD YOU WANT. CHOICE YOU NEED.

PROVEN PERFORMANCE. NOW BACKED BY TRIPLE TOLERANCE.

Welcome to more flexible weed control from the Roundup Ready® Xtend Crop System. See how it works at XtendFlexSoy.com.

NOTICE: DO NOT APPLY ANY HERBICIDE TO SEEDS IN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE AND A COMPREHENSIVE PLANNING QUESTIONNAIRE HAS BEEN COMPLETED.

Roundup Ready® technology is part of the Roundup Ready® Xtend Crop System. Roundup Ready® technology is a restricted use pesticide and must be used with VaporGrip® Plus Agent or an equivalent vapor boosting agent. For approved tank mix products including VRAs and DASs, consult and other important label information at XtendSoyScience.com/Registration.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Xtend® technology with VaporGrip® Technology is a registered use pesticide. Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state laws. Consult your local Crops or your local or state government planting guides for product registration status in your state. Roundup® Ready® and VaporGrip® are registered trademarks of Bayer CropScience. © 2020 Bayer CropScience. All rights reserved.
SEEDWAY SG BRAND  SOYBEAN PRODUCT PORTFOLIO

MATURETY GROUP 0.7
LATE-GROUP 0
SG 0720XT

HERBICIDE TRAIT: ROUNP READY 2 XTEND® SOYBEANS

Tall, medium bushy plant with excellent adaptation over various soil types. Above-average White Mold tolerance with good standability. Excellent emergence and overall yield. Seed treatment should be used where Phytophthora Root Rot pressure is expected.

- Plant Height: T
- Plant Type: MB
- Pubescence: LT
- Hilum Color: BL
- Flower Color: P
- SCN: R3, MR14
- Phytophthora Gene: -

Standability: 2
Stress Tolerance: 15
White Mold: 2
IDC: 3
Brown Stem Rot: 3
Phytophthora Field Tol.: 4
Sudden Death Syndrome: NR
Frogeye Leaf Spot: NR

MATURETY GROUP 0.8
LATE-GROUP 0
SG 0822E3

HERBICIDE TRAIT: ENLIST E3® SOYBEANS

Medium- short plant with dependable standability throughout the season. Performs well in all types of yield environments. Early soybean with strong yield, great Phytophthora Root Rot tolerance, and average White Mold tolerance.

- Plant Height: M
- Plant Type: MB
- Pubescence: G
- Hilum Color: IB
- Flower Color: P
- SCN: MR3, MR14
- Phytophthora Gene: Rps3a

Standability: 2
Stress Tolerance: 2
White Mold: 3
IDC: 3
Brown Stem Rot: 2
Phytophthora Field Tol.: 15
Sudden Death Syndrome: NR
Frogeye Leaf Spot: NR
**SEEDWAY SG BRAND** SOYBEAN PRODUCT PORTFOLIO

**EARLY-GROUP I**

**SG 1320E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Next-level yields in this Early-Group I Enlist E3®. Consistent, high yielding variety. Stands strong with a cleaner appearance in high yield environments. Maintains good health, height, and width under stress.

- **Plant Height**: MT
- **Plant Type**: M
- **Pubescence**: G
- **Hilum Color**: IB
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps1k

**Ratings:**
- **Standability**: 2.5
- **Stress Tolerance**: 2
- **White Mold**: 3
- **Brown Stem Rot**: NR
- **Phytophthora Field Tol.**: 1.5
- **Sudden Death Syndrome**: 3
- **Frogeye Leaf Spot**: NR

**MID-GROUP I**

**SG 1432XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Best package of yield and White Mold tolerance available in XtendFlex® variety. Attractive light tawny plant resists Stem Canker. Top-end yield potential seen across the region.

- **Plant Height**: MT
- **Plant Type**: M
- **Pubescence**: LT
- **Hilum Color**: Br
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps3a

**Ratings:**
- **Standability**: 2.5
- **Stress Tolerance**: 2
- **White Mold**: 2.5
- **Brown Stem Rot**: NR
- **Phytophthora Field Tol.**: 1.5
- **Sudden Death Syndrome**: 3
- **Frogeye Leaf Spot**: NR
SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**SOYBEANS**

**MATURITY GROUP**

**LATE-GROUP I**

**New SG 1822XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Taller variety with very good standability and solid yield performance. Will adapt to various tillage and row spacing scenarios. Seed treatment should be used where Phytophthora Root Rot pressure is expected.

- **Plant Height**: T
- **Plant Type**: MB
- **Pubescence**: L
- **Hilum Color**: BL
- **Flower Color**: P
- **SCN**: R3
- **Phytophthora Gene**: -

**Plant Height**

**Stress Tolerance**

**White Mold**

**Brown Stem Rot**

**Phytophthora Field Tol.**

**Sudden Death Syndrome**

**Frogeye Leaf Spot**

**MATURITY GROUP**

**LATE-GROUP I**

**New SG 1922E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

High yielding Late-Group I variety that stands out in all yield environments.


- **Plant Height**: MT
- **Plant Type**: M
- **Pubescence**: LT
- **Hilum Color**: BL
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps1k

**Plant Height**

**Stress Tolerance**

**White Mold**

**Brown Stem Rot**

**Phytophthora Field Tol.**

**Sudden Death Syndrome**

**Frogeye Leaf Spot**
**SOYBEANS**

**SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO**

**EARLY-GROUP II**

**SG 2120E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

High level yield and consistency for Enlist E3® in this Early-Group II variety. Medium-tall, rugged plant that handles stress, stands well, and handles moderate White Mold pressure.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
<td>MT</td>
</tr>
<tr>
<td>Plant Type</td>
<td>M</td>
</tr>
<tr>
<td>Pubescence</td>
<td>G</td>
</tr>
<tr>
<td>Hilum Color</td>
<td>IB</td>
</tr>
<tr>
<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>SCN</td>
<td>R3, MR14</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1k</td>
</tr>
</tbody>
</table>

**Standability** 2.5

**Stress Tolerance** 1

**White Mold** 2

**Brown Stem Rot** 1.5

**Phytophthora Field Tol.** 2.5

**Sudden Death Syndrome** 3

**Frogeye Leaf Spot** NR

**MID-GROUP II**

**SG 2422E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Great broad acre soybean that lends itself to all soil types. Holds its yield across high and low yield environments and has good Sudden Death Syndrome tolerance. A true standout product in the field.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Plant Type</td>
<td>M</td>
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<tr>
<td>Pubescence</td>
<td>G</td>
</tr>
<tr>
<td>Hilum Color</td>
<td>BU</td>
</tr>
<tr>
<td>Flower Color</td>
<td>W</td>
</tr>
<tr>
<td>SCN</td>
<td>R3, MR14</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1c + 3a</td>
</tr>
</tbody>
</table>

**Standability** 2.5

**Stress Tolerance** 1.5

**White Mold** 3

**Brown Stem Rot** 3.5

**Phytophthora Field Tol.** 2

**Sudden Death Syndrome** 3.5

**Frogeye Leaf Spot** 3.5
SOYBEANS

SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

Maturity Group

MID-GROUP II 2.6

New SG 2642XTF

Herbicide Trait: XtendFlex® Soybeans

Medium tall plant with excellent standability. Strong yielding XtendFlex® variety coupled with a great defensive package. Outstanding disease package packs resistance to Soybean Cyst Nematode with strong tolerance to White Mold and Phytophthora Root Rot.

- Standability
- Stress Tolerance
- White Mold
- IDC
- Brown Stem Rot
- Phytophthora Field Tol.
- Sudden Death Syndrome
- Frogeye Leaf Spot

Late-Group II 2.7

New SG 2722E3

Herbicide Trait: Enlist E3® Soybeans

Eager to get out of the ground and get growing. Along with high yields, SG 2722E3 brings along a strong disease package for the East. Great standability and width to fill in the rows, this variety is one to watch.

- Standability
- Stress Tolerance
- White Mold
- IDC
- Brown Stem Rot
- Phytophthora Field Tol.
- Sudden Death Syndrome
- Frogeye Leaf Spot
SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**SG 2852XTF**

**Maturity Group:** LATE-GROUP II

**Plant Height:** MT

**Plant Type:** M

**Pubescence:** LT

**Hilum Color:** BL

**Flower Color:** P

**SCN:** R3

**Phytophthora Gene:** -

**Herbicide Trait:** XTENDFLEX® SOYBEANS

Tall plant with great standability. Excels on the high yielding acre. Genetic background provides confidence in the field.

**Standability:** 2.5

**Stress Tolerance:** 1.5

**White Mold:** 3.5

**IDC:** 2.5

**Brown Stem Rot:** 2

**Phytophthora Field Tol.:** 2

**Sudden Death Syndrome:** NR

**Frogeye Leaf Spot:**

**SG 2942XTF**

**Maturity Group:** LATE-GROUP II

**Plant Height:** MT

**Plant Type:** M

**Pubescence:** TW

**Hilum Color:** BL

**Flower Color:** W

**SCN:** R3, MR14

**Phytophthora Gene:** -

**Herbicide Trait:** XTENDFLEX® SOYBEANS

Nice tall, tawny plant that catches the eye. High yielding across various soil types. Disease package packs a strong defense against Sudden Death Syndrome, White Mold, Soybean Cyst Nematode and Phytophthora Root Rot.

**Standability:** 1

**Stress Tolerance:** 1.5

**White Mold:** 1.5

**IDC:** 1.5

**Brown Stem Rot:** NR

**Phytophthora Field Tol.:** 1.5

**Sudden Death Syndrome:** 1

**Frogeye Leaf Spot:** 1.5
**SEEDWAY SG BRAND**  
**SOYBEAN PRODUCT PORTFOLIO**

### LATE-GROUP II

**SG 2920E3**

*High yielding Late-Group II Enlist E3® that is widely adapted to all yield environments.*

- Medium-wide, medium-tall plant.
- Tough plant against Phytophthora Root Rot and Soybean Cyst Nematode.

<table>
<thead>
<tr>
<th>Herbicide Trait: Enlist E3® Soybeans</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plant Height</strong></td>
</tr>
<tr>
<td><strong>Plant Type</strong></td>
</tr>
<tr>
<td><strong>Pubescence</strong></td>
</tr>
<tr>
<td><strong>Hilum Color</strong></td>
</tr>
<tr>
<td><strong>Flower Color</strong></td>
</tr>
<tr>
<td><strong>SCN</strong></td>
</tr>
<tr>
<td><strong>Phytophthora Gene</strong></td>
</tr>
</tbody>
</table>

### EARLY-GROUP III

**SG 3142XTF**

*Great emerging bean with great standability and strong yield performance. Strong disease package against Phytophthora Root Rot, Soybean Cyst Nematode, Brown Stem Rot, and Sudden Death Syndrome.*

<table>
<thead>
<tr>
<th>Herbicide Trait: Xtendflex® Soybeans</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plant Height</strong></td>
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<tr>
<td><strong>Plant Type</strong></td>
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<tr>
<td><strong>Pubescence</strong></td>
</tr>
<tr>
<td><strong>Hilum Color</strong></td>
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<tr>
<td><strong>Flower Color</strong></td>
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<tr>
<td><strong>SCN</strong></td>
</tr>
<tr>
<td><strong>Phytophthora Gene</strong></td>
</tr>
<tr>
<td><strong>Salt Tolerance</strong></td>
</tr>
</tbody>
</table>
SOYBEANS

SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**NEW** SG 3122E3

**EARLY-GROUP III**

**Maturity Group:** 3.1

**Herbicide Trait:** ENLIST E3® SOYBEANS

Dominant performing variety across all yield environments. Impressive standability and defensive package, making for a strong broad acre bean. Brings tolerance for Phytophthora Root Rot in poorly drained, tough soils of the East.

- **Plant Height:** MT
- **Plant Type:** M
- **Pubescence:** G
- **Hilum Color:** IB
- **Flower Color:** P
- **SCN:** R3
- **Phytophthora Gene:** Rps1c

**Standability:** 2

**Stress Tolerance:** 2

**White Mold:** NR

**Brown Stem Rot:** 3.5

**Phytophthora Field Tol.:** 2

**Sudden Death Syndrome:** 2.5

**Frogeye Leaf Spot:** 3

**SG 3393E3**

**EARLY-GROUP III**

**Maturity Group:** 3.3

**Herbicide Trait:** ENLIST E3® SOYBEANS

Wide bushy plant with strong emergence covers the row quickly. Good choice for 30" rows. A yield machine with top-end yield potential in both high and lower yielding environments. Strong field tolerance against Phytophthora Root Rot and resistant to Stem Canker.

- **Plant Height:** M
- **Plant Type:** B
- **Pubescence:** LT
- **Hilum Color:** Br
- **Flower Color:** P
- **SCN:** R3, MR14
- **Phytophthora Gene:** -

**Standability:** 2.5

**Stress Tolerance:** 1

**White Mold:** 2

**Brown Stem Rot:** 2.5

**Phytophthora Field Tol.:** 2.5

**Sudden Death Syndrome:** 2

**Frogeye Leaf Spot:** 3
**SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO**

**EARLY-GROUP III**

**SG 3327XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Medium-tall plant with excellent emergence and standability throughout the season. Resistance to Race 3 Soybean Cyst Nematode and Brown Stem Rot. Above average tolerance for Iron Deficiency Chlorosis and Sudden Death Syndrome.

- **Plant Height**: MT
- **Plant Type**: MB
- **Pubescence**: G
- **Hilum Color**: IB
- **Flower Color**: P
- **SCN**: R3
- **Phytophthora Gene**: -
- **Salt Tolerance**: Incliner

**MID-GROUP III**

**SG 3442XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Medium tall plant with great standability. Disease package includes Sudden Death Syndrome and Frogeye Leaf Spot tolerance. Strong yield performance across geography.

- **Plant Height**: MT
- **Plant Type**: MB
- **Pubescence**: LT
- **Hilum Color**: IB
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: -
- **Salt Tolerance**: Incliner
**SEEDWAY SG BRAND**

**SOYBEAN PRODUCT PORTFOLIO**

### MID-GROUP III

**New** SG 3522E3

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Widely adapted plant that tackles tougher soils with ease. Impressive emergence and standability makes this product stand out from the beginning of the season through harvest. Strong performance and defensive package make this a standout variety in the lineup.

<table>
<thead>
<tr>
<th>Plant Height</th>
<th>MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Type</td>
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<tr>
<td>Pubescence</td>
<td>G</td>
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<tr>
<td>Hilum Color</td>
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<tr>
<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>SCN</td>
<td>R3</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1k</td>
</tr>
<tr>
<td>Salt Tolerance</td>
<td>Includer</td>
</tr>
</tbody>
</table>

### LATE-GROUP III

**New** SG 3722E3

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Outstanding, high yielding Enlist E3® soybean that performs well across all environments. Medium bushy plant with strong eye appeal at harvest.

<table>
<thead>
<tr>
<th>Plant Height</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Type</td>
<td>M</td>
</tr>
<tr>
<td>Pubescence</td>
<td>G</td>
</tr>
<tr>
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<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>SCN</td>
<td>R3</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1k</td>
</tr>
</tbody>
</table>
SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**MATURITY GROUP 3.7**

**LATE-GROUP III**

**SG 3742XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Excellent top-end yield potential in the XtendFlex® trait platform. Defensive package includes Sudden Death Syndrome and Frogeye Leafspot tolerance. Attractive light tawny plant that stands late into the harvest season.

**Plant Height** MT
**Plant Type** M
**Pubescence** LT
**Hilum Color** BL
**Flower Color** P
**SCN** MR3
**Phytophthora Gene** -

Standability 2
Stress Tolerance 2
White Mold NR
Brown Stem Rot 3
Phytophthora Field Tol. 2.5
Sudden Death Syndrome 2
Frogeye Leaf Spot 1.5

**MATURITY GROUP 3.9**

**LATE-GROUP III**

**SG 3932XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Possibly the best stress tolerance in a Late-Group III XtendFlex® stacked with STS. Tall light tawny brown plant works well for double-crop or late planting. Aggressive growth covers soil fast and competes well with weeds. Good Phytophthora Root Rot and Sudden Death Syndrome tolerance.

**Plant Height** T
**Plant Type** MB
**Pubescence** LT
**Hilum Color** B
**Flower Color** P
**SCN** MR3
**Phytophthora Gene** -

Salt Tolerance Includer

Standability 2.5
Stress Tolerance 1
White Mold NR
Brown Stem Rot 3
Phytophthora Field Tol. 2
Sudden Death Syndrome 3
Frogeye Leaf Spot NR
SOYBEANS

SEEDWAY SG BRAND | SOYBEAN PRODUCT PORTFOLIO

**LATE-GROUP III**

**SG 3920E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Attractive Late-Group III Enlist E3® that yields and stands. Rock solid standability handles high yield environments of Southeastern Pennsylvania. Good tolerance to Phytophthora Root Rot and resistant to Stem Canker.

**EARLY-GROUP IV**

**SG 4122E3**

**New**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Medium-tall plant with resistance to Soybean Cyst Nematode and Stem Canker. Big plant makes it ideal for the heavy clay and tough soils. Widely adapted plant that holds its yield across all soil types and environments.
**SEEDWAY SG BRAND**

**SOYBEAN PRODUCT PORTFOLIO**

**EARLY-GROUP IV**

**New SG 4242XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Attractive light tawny tan plant that performs well across a wide geography. Strong standability late into the season. Holds its yield across various soil types.

**SG 4242XTF**

- **Plant Height**: M
- **Plant Type**: M
- **Pubescence**: LT
- **Hilum Color**: BR
- **Flower Color**: W
- **SCN**: R3
- **Phytophthora Gene**: Rps1k
- **Salt Tolerance**: Includer

**Standability**: 1.5
**Stress Tolerance**: 2
**White Mold**: NR
**Brown Stem Rot**: NR
**Phytophthora Field Tol.**: 3
**Sudden Death Syndrome**: 2
**Frogeye Leaf Spot**: 1

**EARLY-GROUP IV**

**SG 4320E3**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Sets the yield standard in an Early-Group IV Enlist E3® variety. Attractive light tawny variety that handles wide range of heavier clay to sandier soils. Fast emergence and season-long standability. Resistant to Stem Canker and excellent Frogeye Leaf Spot tolerance.

**SG 4320E3**

- **Plant Height**: M
- **Plant Type**: M
- **Pubescence**: LT
- **Hilum Color**: BR
- **Flower Color**: W
- **SCN**: R3, MR14
- **Phytophthora Gene**: -
- **Salt Tolerance**: Includer

**Standability**: 1.5
**Stress Tolerance**: 2
**White Mold**: NR
**Brown Stem Rot**: NR
**Phytophthora Field Tol.**: 3
**Sudden Death Syndrome**: 2
**Frogeye Leaf Spot**: 1
**SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO**

**SG 4422E3**

**MATURITY GROUP** 4.4

**MID-GROUP IV**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Top performing variety in the East. Outstanding performance coupled with an eye-catching light tawny plant at harvest gets people looking. Good tolerance to Frogeye Leaf Spot and Sudden Death Syndrome.

| Plant Height | M |
| Plant Type   | M |
| Pubescence   | LT |
| Hilum Color  | BR |
| Flower Color | W |
| SCN          | R3 |
| Phytophthora Gene | - |

**Standability** 1

**Stress Tolerance** 1.5

**White Mold** NR

**Brown Stem Rot** NR

**Phytophthora Field Tol.** NR

**Sudden Death Syndrome** NR

**Frogeye Leaf Spot** 2

**SG 4521E3**

**MATURITY GROUP** 4.5

**MID-GROUP IV**

**HERBICIDE TRAIT: ENLIST E3® SOYBEANS**

Total package for any acre or yield level. Strong Phytophthora, Stem Canker, Sudden Death Syndrome and Frogeye Leaf Spot tolerance. Can work for full season, double-crop, dryland, or irrigated. Beautiful plant that stands until the end coupled with yields the neighbors will ask about.

| Plant Height | M |
| Plant Type   | M |
| Pubescence   | G |
| Hilum Color  | IB |
| Flower Color | P |
| SCN          | R3, MR14 |
| Phytophthora Gene | Rps1a |
| Salt Tolerance | Includer |

**Standability** 1.5

**Stress Tolerance** 2

**White Mold** NR

**Brown Stem Rot** NR

**Phytophthora Field Tol.** NR

**Sudden Death Syndrome** NR

**Frogeye Leaf Spot** NR
SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**SOYBEANS**

**Maturity Group**: Mid-Group IV

**SG 4666XTF**

**Herbicide Trait**: XTENDFLEX® Soybeans

Light tawny, medium bushy, tall plant type with excellent disease package. Outstanding yield performance in an XtendFlex® package coupled with STS. Salt excluder with Soybean Cyst Nematode and Stem Canker resistance.

- Plant Height: T
- Plant Type: MB
- Pubescence: LT
- Hilum Color: B
- Flower Color: P
- SCN: R3, MR14
- Phytophthora Gene: -
- Salt Tolerance: Excluder

**Standability**: 3

**Stress Tolerance**: 1

**White Mold**: NR

**Brown Stem Rot**: NR

**Phytophthora Field Tol.**: NR

**Sudden Death Syndrome**: 3.5

**Frogeye Leaf Spot**: NR

**SG 4621E3**

**Herbicide Trait**: Enlist E3® Soybeans

Taller plant handles a wide range of soil textures from heavy clay to sandier soils. Aggressive early season growth covers soil fast for double cropping or late plantings. Salt excluder handles potential high salt soils.

- Plant Height: T
- Plant Type: M
- Pubescence: G
- Hilum Color: IB
- Flower Color: P
- SCN: R3, MR14
- Phytophthora Gene: -
- Salt Tolerance: Excluder

**Standability**: 2.5

**Stress Tolerance**: 1

**White Mold**: NR

**Brown Stem Rot**: NR

**Phytophthora Field Tol.**: NR

**Sudden Death Syndrome**: NR

**Frogeye Leaf Spot**: 3
SOYBEANS

SEEDWAY SG BRAND

SOYBEAN PRODUCT PORTFOLIO

HERBICIDE TRAIT: ROUNDUP READY 2 XTEND® SOYBEANS

Roundup Ready 2 Xtend® soybeans stacked with STS. Taller plant height with indeterminate growth habit for challenging environments on the east coast. Resists Stem Canker and moderately resistant to Southern Root Knot Nematode.

**SG 5044XT**

- **Maturity Group:** EARLY-GROUP V
- **Plant Height:** T
- **Plant Type:** M
- **Pubescence:** LT
- **Hilum Color:** B
- **Flower Color:** P
- **SCN:** R3, MR14
- **Phytophthora Gene:** Rps1a
- **Salt Tolerance:** Includer

**Performance Traits:**
- **Standability:** 2.5
- **Stress Tolerance:** 1
- **White Mold:** NR
- **IDC:** NR
- **Brown Stem Rot:** NR
- **Phytophthora Field Tolerance:** 3
- **Sudden Death Syndrome:** 2
- **Frogeye Leaf Spot:** 2.5

**SG 5366XT**

- **Maturity Group:** EARLY-GROUP V
- **Plant Height:** MT
- **Plant Type:** MB
- **Pubescence:** G
- **Hilum Color:** Bu
- **Flower Color:** W
- **SCN:** -
- **Phytophthora Gene:** -
- **Salt Tolerance:** Includer

**Performance Traits:**
- **Standability:** 2
- **Stress Tolerance:** 2
- **White Mold:** NR
- **IDC:** NR
- **Brown Stem Rot:** NR
- **Phytophthora Field Tolerance:** 3
- **Sudden Death Syndrome:** 2
- **Frogeye Leaf Spot:** 2
SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

SOYBEANS

MATURITY GROUP 5.4
MID-GROUP V
SG 5432XTF

HERBICIDE TRAIT: XTENDFLEX® SOYBEANS
Build your XtendFlex® program around this beauty! Medium stunted tawny brown plant that's stem canker resistant and a salt excluder. Resists Root Knot Nematode and Soybean Cyst Nematode. Determinate growth habit.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Plant Type</td>
<td>MB</td>
</tr>
<tr>
<td>Pubescence</td>
<td>TW</td>
</tr>
<tr>
<td>Hilum Color</td>
<td>B</td>
</tr>
<tr>
<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>SCN</td>
<td>R3, MR14</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1c</td>
</tr>
<tr>
<td>Salt Tolerance</td>
<td>Excluder</td>
</tr>
</tbody>
</table>

Standability: 2.5
Stress Tolerance: 1.5
White Mold: NR
Brown Stem Rot: NR
Phytophthora Field Tol.: 3
Sudden Death Syndrome: 2
Frogeye Leaf Spot: NR

MATURITY GROUP 6.2
EARLY-GROUP VI
SG 6244XT

HERBICIDE TRAIT: ROUNDUP READY 2 XTEND® SOYBEANS

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
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<tr>
<td>Plant Type</td>
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<tr>
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<td>TW</td>
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<td>Hilum Color</td>
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</tr>
<tr>
<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>SCN</td>
<td>-</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>Rps1a</td>
</tr>
<tr>
<td>Salt Tolerance</td>
<td>Excluder</td>
</tr>
</tbody>
</table>

Standability: 1.5
Stress Tolerance: 1
White Mold: NR
Brown Stem Rot: NR
Phytophthora Field Tol.: 2
Sudden Death Syndrome: 2
Frogeye Leaf Spot: 2.5
SOYBEANS

SEEDWAY SG BRAND SOYBEAN PRODUCT PORTFOLIO

**MATURITY GROUP 6.7**  
**LATE-GROUP VI**  
**NEW** SG 6742XTF

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**

Tremendous new Late-Group VI variety with an outstanding defensive package with great Frogeye Leaf Spot, Sudden Death Syndrome and Southern Stem Canker tolerance. Good performance when positioned on sandier soils where Root Knot Nematode is prevalent. Includes the Excluder gene. Determinate growth habit.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standability</td>
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</tr>
<tr>
<td>Stress Tolerance</td>
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<tr>
<td>White Mold</td>
<td>NR</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>NR</td>
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<tr>
<td>Phytophthora Field Tol.</td>
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<tr>
<td>Sudden Death Syndrome</td>
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<tr>
<td>Frogeye Leaf Spot</td>
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</tr>
</tbody>
</table>

**MATURITY GROUP 6.9**  
**LATE-GROUP VI**  
SG 6985XT

**HERBICIDE TRAIT: ROUNDUP READY 2 XTEND® SOYBEANS**

Medium-tall and wide profile works great with narrow or wide row spacing. Determinate growth habit with a fantastic defensive package against Root Knot Nematode, Stem Canker and Frogeye Leaf Spot. Salt excluder in a tawny tan wrapper.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standability</td>
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<tr>
<td>Stress Tolerance</td>
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</tr>
<tr>
<td>White Mold</td>
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<tr>
<td>Brown Stem Rot</td>
<td>NR</td>
</tr>
<tr>
<td>Phytophthora Field Tol.</td>
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<tr>
<td>Sudden Death Syndrome</td>
<td>NR</td>
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<tr>
<td>Frogeye Leaf Spot</td>
<td>NR</td>
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</table>
**SEEDWAY SG BRAND**  
**SOYBEAN PRODUCT PORTFOLIO**

**MATURITY GROUP**  
**LATE-GROUP VI**  
**SG 6932XTF**

**HERBICIDE TRAIT: XTENDFLEX® SOYBEANS**


<table>
<thead>
<tr>
<th>Plant Height</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Type</td>
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<tr>
<td>Pubescence</td>
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</tr>
<tr>
<td>Hilum Color</td>
<td>B</td>
</tr>
<tr>
<td>Flower Color</td>
<td>P</td>
</tr>
<tr>
<td>Soybean Cyst Nematode</td>
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<td>Phytophthora Gene</td>
<td>Rps1c</td>
</tr>
<tr>
<td>Salt Tolerance</td>
<td>Includer</td>
</tr>
</tbody>
</table>

**Standability**  
2.5

**Stress Tolerance**  
1.5

**White Mold**  
NR

**Brown Stem Rot**  
NR

**Phytophthora Field Tol.**  
3

**Sudden Death Syndrome**  
NR

**Frogeye Leaf Spot**  
NR

---

**SOYBEAN Product Key**

**RATINGS**  
1 = Best

**PLANT HEIGHT**  
T = Tall  
MT = Medium - Tall  
M = Medium

**PLANT TYPE**  
M = Medium  
MB = Medium - Bushy  
B = Bushy

**PUBESCENCE**  
TW = Tawny  
LT = Light Tawny  
G = Gray

**FLOWER COLOR**  
W = White  
P = Purple  
G = Gray

**HILUM COLOR**  
Y = Yellow  
Bl = Black  
IB = Imperfect Black  
Bu = Buff  
Br = Brown

---

VISIT [WWW.SEEDWAY.COM](http://WWW.SEEDWAY.COM) TO COMPARE YOUR FAVORITE SEEDWAY PRODUCTS SIDE-BY-SIDE AND DOWNLOAD THE LATEST PRODUCT/VARIETY TECH SHEETS!
**SEEDWAY SG BRAND**

**CONVENTIONAL & ORGANIC
SOYBEAN PRODUCT PORTFOLIO**

---

**EARLY-GROUP I**

**SG 155C / SG 155OR**

Conventional variety with no herbicide tolerance. Good tolerance to moderate White Mold, Phytophthora Root Rot, and Brown Stem Rot. Aggressive early season growth fills the canopy and competes with weeds quickly.

- **Plant Height**: M
- **Plant Type**: MB
- **Pubescence**: LT
- **Hilum Color**: Br
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps1k

---

**EARLY-GROUP II**

**NEW SG 202C / SG 202OR**

Trusted genetics deliver excellent yield. Highly productive lateral branches add to appeal and top performance. Strong tolerance to White Mold.

- **Plant Height**: MT
- **Plant Type**: MB
- **Pubescence**: LT
- **Hilum Color**: BL
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps1k

---

**Standability** | **Stress Tolerance** | **White Mold** | **IDC** | **Brown Stem Rot** | **Phytophthora Field Tol.** | **Sudden Death Syndrome** | **Frogeye Leaf Spot**

1.5 | 2.5 | NR | NR | 2.5 | 3 | 3 | 2.5

---

**Itemization**

- **SCN**: R3, MR14
- **Phytophthora Gene**: Rps1k
SEEDWAY SG BRAND CONVENTIONAL & ORGANIC SOYBEAN PRODUCT PORTFOLIO

**LATE-GROUP II**

**SG 285c**

The best Late-Group II conventional soybean available. A conventional variety that carries the STS trait for herbicide tolerance. No need to be picky on placement—works well across most soil types, environments, and yield levels.

- **Plant Height**: M
- **Plant Type**: MB
- **Pubescence**: LT
- **Hilum Color**: BL
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: -

**MATURITY GROUP 2.8**

- **Standability**: 2
- **Stress Tolerance**: 2
- **White Mold**: NR
- **Brown Stem Rot**: 2
- **Phytophthora Field Tol.**: 2
- **Sudden Death Syndrome**: 2
- **Frogeye Leaf Spot**: NR

**MID-GROUP III**

**SG 351c**

High yielding Mid-Group III conventional variety with the STS trait. Wide plant type covers soil quickly and allows for row spacing flexibility. Resistant to race 3 and moderately resistant to race 14 Soybean Cyst Nematode.

- **Plant Height**: MT
- **Plant Type**: MB
- **Pubescence**: LT
- **Hilum Color**: BL
- **Flower Color**: P
- **SCN**: R3, MR14
- **Phytophthora Gene**: -

**MATURITY GROUP 3.5**

- **Standability**: 1.5
- **Stress Tolerance**: 1.5
- **White Mold**: NR
- **Brown Stem Rot**: 3.5
- **Phytophthora Field Tol.**: 2
- **Sudden Death Syndrome**: 2
- **Frogeye Leaf Spot**: 2
SEEDWAY SG BRAND
CONVENTIONAL & ORGANIC SOYBEAN PRODUCT PORTFOLIO

MATURITY GROUP
LATE-GROUP III

New SG 384c

Outstanding yields with the STS trait. Solid standability and lodging scores.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Plant Type</td>
<td>MB</td>
</tr>
<tr>
<td>Pubescence</td>
<td>LT</td>
</tr>
<tr>
<td>Hilum Color</td>
<td>Br</td>
</tr>
<tr>
<td>Flower Color</td>
<td>W</td>
</tr>
<tr>
<td>SCN</td>
<td>-</td>
</tr>
<tr>
<td>Phytophthora Gene</td>
<td>-</td>
</tr>
</tbody>
</table>

Standability: 1.5
Stress Tolerance: 2
White Mold: NR
Brown Stem Rot: 2.5
Phytophthora Field Tol.: 2
Sudden Death Syndrome: 2
Frogeye Leaf Spot: 2

YOUR ACRES. YOUR LIVELIHOOD. OUR PRIORITY.

WITH YOU AT THE FARM GATE, FROM PLANTING TO HARVEST. SEEDWAY IS YOUR TRUSTED FARM SEED PARTNER, FROM START TO FINISH.
### SOYBEANS

**SEEDWAY SG BRAND**

**SOYBEAN PRODUCT PORTFOLIO**

**ADDITIONAL SOYBEAN VARIETIES**

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>HERBICIDE TRAIT</th>
<th>MATURITY GROUP</th>
<th>PLANT HEIGHT</th>
<th>PLANT TYPE</th>
<th>PUBESCEENCE</th>
<th>HILUM COLOR</th>
<th>FLOWER COLOR</th>
<th>PHYTOPHORA GENE</th>
<th>SOYBEAN CYST NEMATODE</th>
<th>STANDABILITY</th>
<th>STRESS TOLERANCE</th>
<th>PHYTO FIELD TOLERANCE</th>
<th>WHITE MOLD</th>
<th>BROWN STEM ROT</th>
<th>FROGEYE LEAF SPOT</th>
<th>SUDDEN DEATH SYNDROME</th>
<th>IRON DEFICIENCY CHLOROSIS</th>
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<tbody>
<tr>
<td>SG 1077XT</td>
<td>RounTouch Ready XT SOYBEANS</td>
<td>1.0</td>
<td>M</td>
<td>M</td>
<td>LT</td>
<td>Br</td>
<td>P</td>
<td>-</td>
<td>R3, MR14</td>
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<td>2</td>
<td>2</td>
<td>1</td>
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<td>SG 1708GTLL</td>
<td>LibertyLink GT27</td>
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<td>LT</td>
<td>Br</td>
<td>P</td>
<td>Rps1k</td>
<td>R3, MR14</td>
<td>1</td>
<td>1.5</td>
<td>2.5</td>
<td>1.5</td>
<td>1</td>
<td>-</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>SG 1863XT</td>
<td>RounTouch Ready XT SOYBEANS</td>
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<td>MT</td>
<td>G</td>
<td>Bu</td>
<td>P</td>
<td>Rps1a + 3a</td>
<td>R3, MR14</td>
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<td>1</td>
<td>2</td>
<td>1.5</td>
<td>3</td>
<td>-</td>
<td>2</td>
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<td>G</td>
<td>Bu</td>
<td>P</td>
<td>Rps1a + 3a</td>
<td>R3, MR14</td>
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<td>1</td>
<td>1.5</td>
<td>1.5</td>
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<td>LT</td>
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<td>P</td>
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<td>3</td>
<td>-</td>
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<td>SG 2832XT</td>
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<td>MT</td>
<td>MB</td>
<td>G</td>
<td>IB</td>
<td>P</td>
<td>Rps1c</td>
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<td>1</td>
<td>2</td>
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<td>2.5</td>
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<tr>
<td>SG 3433GTLL</td>
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<td>MT</td>
<td>M</td>
<td>LT</td>
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<td>P</td>
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<td>SG R381</td>
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<td>SG 4223XT</td>
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<td>-</td>
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<td>2</td>
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</tbody>
</table>

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3® soybeans.

---

### THE NEXT GENERATION OF TECHNOLOGY

2,4-D choline | Glyphosate | Glufosinate

- **Enlist Duo® COLEX-D® technology HERBICIDE**
  - Convenient proprietary blend of 2,4-D choline and glyphosate
  - The two modes of action work together to deliver control of yield-robbing weeds and help prevent resistance

- **Enlist One® COLEX-D® technology HERBICIDE**
  - Straight goods 2,4-D choline with additional tank-mix flexibility
  - Provides additional tank-mix flexibility with Durango® DMD® herbicide, Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

---

**On-Target Application**
- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester
SW 49SR Soft Red Winter Wheat

Very uniform and early-maturing variety with a smooth head type. Rugged standability for late season eastern storms. Excellent against Fusarium Head Blight. Use an early fungicide when Powdery Mildew is a concern. Responds positively to higher plant populations.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
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</thead>
<tbody>
<tr>
<td>Early</td>
<td>MS</td>
<td>Smooth</td>
<td>1.5</td>
<td>3</td>
<td>1</td>
<td>1.5</td>
<td>Yes</td>
<td>Susc</td>
</tr>
</tbody>
</table>

Leaf Rust
Septoria Leaf Blotch
Glume Blotch
Powdery Mildew
Stem Rust
Stripe Rust
Barley Yellow Dwarf Virus
FHB Field Rating
Soil-Borne Mosaic Virus

SW 44SR Soft Red Winter Wheat

Broadly adapted variety that can range from Pennsylvania to North Carolina. Complete package of yield, standability, test weight and disease tolerance. Medium-early maturity and fully awned head type.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
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</thead>
<tbody>
<tr>
<td>Medium-Early</td>
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<td>1.5</td>
<td>1</td>
<td>1.5</td>
<td>Yes</td>
<td>Res-B, L, Seg O</td>
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</table>

Leaf Rust
Septoria Leaf Blotch
Glume Blotch
Powdery Mildew
Stem Rust
Stripe Rust
Barley Yellow Dwarf Virus
FHB Field Rating
Soil-Borne Mosaic Virus
**WHEAT PRODUCT PORTFOLIO**

**SW 64SR** Soft Red Winter Wheat

Covers any acre and soil type in the east. Awned head type with medium-early maturity. Medium plant height with excellent standability and winter hardiness. Good test weight with scab resistance gene for Fusarium Head Blight tolerance.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
</tr>
</thead>
<tbody>
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<td>Medium-Early</td>
<td>Medium</td>
<td>Awned</td>
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<td>2</td>
<td>1</td>
<td>1.5</td>
<td>Yes</td>
<td>Susc</td>
</tr>
</tbody>
</table>

**Product Key**

1 = Excellent
5 = Poor
N/A = Not Available

- Leaf Rust
- Septoria Leaf Blotch
- Glume Blotch
- Powdery Mildew
- Stem Rust
- Stripe Rust
- Barley Yellow Dwarf Virus
- FHB Field Rating
- Soil-Borne Mosaic Virus

**SW 51SR** Soft Red Winter Wheat

Large smooth head type with exceptional tillering. Heavy straw yields and solid tolerance to Fusarium Head Blight. Consider a plant growth regulator to manage plant height and standability when managing for high yields.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
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<tr>
<td>Medium-Early</td>
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<td>1.5</td>
<td>2</td>
<td>1.5</td>
<td>Yes</td>
<td>Res-C</td>
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</tbody>
</table>

**Product Key**

1 = Excellent
5 = Poor
N/A = Not Available

- Leaf Rust
- Septoria Leaf Blotch
- Glume Blotch
- Powdery Mildew
- Stem Rust
- Stripe Rust
- Barley Yellow Dwarf Virus
- FHB Field Rating
- Soil-Borne Mosaic Virus
**SW 52SR Soft Red Winter Wheat**

Broadly adapted variety from Virginia to New York. Has shown to outperform SW 70SR and SW 51SR with good standability with a smooth head type.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
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<tr>
<td>Medium</td>
<td>Medium</td>
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<td>2</td>
<td>2</td>
<td>1.5</td>
<td>Yes</td>
<td>Susc - B, L, O</td>
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</tbody>
</table>

- **Leaf Rust**: 2.5
- **Septoria Leaf Blotch**: 2.5
- **Glume Blotch**: 2
- **Powdery Mildew**: 1.5
- **Stem Rust**: 2.5
- **Stripe Rust**: 2.5
- **Barley Yellow Dwarf Virus**: 1
- **FHB Field Rating**: 2
- **Soil-Borne Mosaic Virus**: 1.5

**SW 65SR Soft Red Winter Wheat**

For any wheat acre in the East. Broadly adapted with medium maturity and awned head type. FHB1 gene for combating Fusarium Head Blight. Medium height with excellent standability.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Medium</td>
<td>Awned</td>
<td>1.5</td>
<td>2</td>
<td>1</td>
<td>1.5</td>
<td>Yes</td>
<td>Seg-L</td>
</tr>
</tbody>
</table>

- **Leaf Rust**: 1.5
- **Septoria Leaf Blotch**: 1.5
- **Glume Blotch**: 2
- **Powdery Mildew**: 2
- **Stem Rust**: 1.5
- **Stripe Rust**: 1.5
- **Barley Yellow Dwarf Virus**: 1.5
- **FHB Field Rating**: 1.5
- **Soil-Borne Mosaic Virus**: 1.5
WHEAT PRODUCT PORTFOLIO

SW 70SR Soft Red Winter Wheat

Smooth head with medium maturity. Excels on loamy to heavier soil types. Scab resistance gene for Fusarium Head Blight tolerance. Excellent standability, test weight and overall disease resistance.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Standability</th>
<th>Test Weight</th>
<th>Straw Strength</th>
<th>Winter Hardiness</th>
<th>FHB1 Marker</th>
<th>Hessian Fly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Medium</td>
<td>Smooth</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>Yes</td>
<td>Res-L</td>
</tr>
</tbody>
</table>

- **Leaf Rust**: Medium
- **Septoria Leaf Blotch**: Low
- **Glume Blotch**: Medium
- **Powdery Mildew**: Medium
- **Stem Rust**: Medium
- **Stripe Rust**: Low
- **Barley Yellow Dwarf Virus**: Low
- **FHB Field Rating**: Medium
- **Soil-Borne Mosaic Virus**: Low

INTRODUCING SEEDWAY’S NEW WHEAT SEED TREATMENT PACKAGE

OBTAYN™ wheat seed treatment provides an exclusive combination of fungicide protectants for early season soilborne and seedborne diseases such as:

- Pythium
- Fusarium
- Seed Rots
- And More!

OBTAYN™ STRONGER STANDS!

OBTAYN™ HIGHER YIELDS!

OBTAYN™ HIGHER PROFITS!
KWS SCALA

VIOLETTA

SB 151
Early maturity, tall height with excellent standability, excellent winterhardiness and disease resistance.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Head Type</th>
<th>Bushel Weight</th>
<th>Height</th>
<th>Winter Survival</th>
<th>Straw Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Smooth</td>
<td>Very Good</td>
<td>Tall</td>
<td>Excellent</td>
<td>Very Good</td>
</tr>
</tbody>
</table>

SB 255
Medium maturity, that shows competitive yields compared to Secretariat. Excellent test weight and standability. Significantly better resistance to Head Scab than Secretariat.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Head Type</th>
<th>Bushel Weight</th>
<th>Height</th>
<th>Winter Survival</th>
<th>Straw Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Smooth</td>
<td>Very Good</td>
<td>Tall</td>
<td>Excellent</td>
<td>Very Good</td>
</tr>
</tbody>
</table>
**LCS ODYSSEY**

LCS Odyssey is a must-have variety for distillers, as it is the only malting barley variety available in the United States today rated as non-GN (zero glycosidic nitrile content). Excellent resistance to Cereal Cyst Nematode.

**ORWELLE**

6-row spring feed barley. Excellent standability and good overall disease resistance. Testing has confirmed 4-6 Bu/ac advantage over Cyane.

<table>
<thead>
<tr>
<th>Maturity</th>
<th>Head Type</th>
<th>Bushel Weight</th>
<th>Height</th>
<th>Winter Survival</th>
<th>Straw Strength</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Smooth</td>
<td>Very Good</td>
<td>Tall</td>
<td>Excellent</td>
<td>Very Good</td>
</tr>
</tbody>
</table>

**DANKO**

Danko is a winter rye cultivar with higher yield, better lodging resistance, better winter survival, with plump kernels and high test weight. Good winterhardiness. Medium-long awns. Suitable for feed, baking, distilling and cover crop.

**Don’t See It Here? REQUEST A CATALOG BELOW**

SEEDWAY, LLC is also a proud supplier of Vegetable, Turf, and Wildlife Seed Products. To learn more visit our website at [www.seedway.com](http://www.seedway.com) or to request a Farm, Turf, or Wildlife products catalog scan the QR code below to be redirected to our website catalog inquiry page.
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Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to http://www.biotradestatus.com/ for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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ALFALFA PRODUCT PORTFOLIO

SW ALFAMAX HD™ 2 PLUS BRAND

ALFAMAX HD® 2 PLUS is a highly digestible alfalfa with excellent forage quality, high yields, and Branch Root which makes AlfaMax HD® 2 Plus an excellent choice for any situation. AlfaMax HD® 2 Plus has a superior disease and pest resistance package. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.

HD® is a registered trademark of Legacy Seeds, Inc.

WINTER HARDINESS: 1.4

SHOCKWAVE BR (Branch Rooted Alfalfa)

Shockwave BR combines a branch rooted trait with excellent disease resistance to deliver outstanding performance. Performs better in higher water tables. High forage yield makes it a productive variety in both normal and wetter conditions. 3-4 cut management. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.
Dynamo combines explosive forage yield with superior forage quality. High multifoliate leaf expression and rapid regrowth with a dense canopy and dark green foliage. Shows improved crude protein content, exceptional feed value, and higher milk production. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.

Farm Science Genetics®. Branch root variety with an excellent disease package. High yield and quality potential on both wet and well drained soils. Offers flexibility on less than ideal soil conditions. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.
Farm Science Genetics®. The newest genetics with very high resistance to POTATO LEAFHOPPER. Highly resistant to all major alfalfa diseases. Excellent yield potential and forage quality. Excellent winterhardiness. 3-4 cut management. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.

FSG 421LH (Leafhopper Resistant Alfalfa)

Bacterial Wilt
Verticillium Wilt
Fusarium Wilt
Anthracnose
Aphanomyces Race 1
Aphanomyces Race 2
Potato Leafhopper
Phytophthora Root Rot

Fall Dormancy 4
WINTER HARDINESS: 2.0


FSG 450

Bacterial Wilt
Verticillium Wilt
Fusarium Wilt
Anthracnose
Multi-Race Aphanomyces
Potato Leafhopper
Phytophthora Root Rot

Fall Dormancy 4
WINTER HARDINESS: 1.8
FORAGES

ALFALFA PRODUCT PORTFOLIO

**FSG 527**


**FSG 431RRLH** (Leafhopper Resistant/Roundup Ready® Alfalfa)

Farm Science Genetics®, Roundup Ready® Alfalfa. The newest genetics are now available with Roundup resistance combined with very high resistance to POTATO LEAFHOPPER. Excellent disease package and winterhardiness provides ability to produce weed free hay. 3-4 cut management. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.
ALFALFA PRODUCT PORTFOLIO

Farm Science Genetics®. Roundup Ready® Alfalfa. The newest genetics are now available with Roundup resistance. High resistance to Aphanomyces Race 1 and 2. Ability to produce weed-free hay. Well-adapted to a wide range of soil types, environmental conditions and management programs. 3-4 cut management. Seed at 18-20 lbs, 8-12 lbs. in mixes.

FSG 438RR (Roundup Ready® Alfalfa)

- Bacterial Wilt: HR
- Verticillium Wilt: HR
- Fusarium Wilt: HR
- Anthracnose: HR
- Aphanomyces Race 1: HR
- Aphanomyces Race 2: NR
- Potato Leafhopper: NR
- Phytophthora Root Rot: HR

Winter Hardiness: 2.0

Farm Science Genetics®. The industry’s first genetically enhanced alfalfa technology developed to maximize quality compared to conventional alfalfa at the same stage of maturity, by reducing the amount of lignin in the plant. HarvXtra® technology provides unprecedented flexibility by widening cutting windows giving growers the ability to better manage the yield-versus-quality tradeoff. Roundup Ready® Alfalfa. Seed at 18-20 lbs. alone, 8-12 lbs. in mixes.

FSG 440HVX.RR (HarvXtra® Technology Alfalfa)

- Bacterial Wilt: HR
- Verticillium Wilt: HR
- Fusarium Wilt: HR
- Anthracnose: HR
- Aphanomyces Race 1: HR
- Aphanomyces Race 2: R
- Potato Leafhopper: NR
- Phytophthora Root Rot: HR

Winter Hardiness: 2.0
# ALFALFA PRODUCT PORTFOLIO

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>FALL DORMANCY</th>
<th>WINTERHARDINESS</th>
<th>BACTERIAL WILT</th>
<th>VERTICILLIUM WILT</th>
<th>FUSARIUM WILT</th>
<th>ANTHRACNOSE</th>
<th>APHANOMYCES RACE 1</th>
<th>APHANOMYCES RACE 2</th>
<th>POTATO LEAFHOPPER</th>
<th>PHYTO ROOT ROT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WL ALFALFA</td>
<td></td>
<td></td>
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<td>HR</td>
<td>NR</td>
<td>HR</td>
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<td>NR</td>
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<td>HR</td>
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<td>NR</td>
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<tr>
<td>WL 375HVX.RR</td>
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<td>2.1</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>NR</td>
<td>HR</td>
<td></td>
</tr>
</tbody>
</table>
CLOVER PRODUCT PORTFOLIO

RED CLOVER

Uses: Red clover is used for hay, silage, pasture and soil improvement. It is a quick growing crop, easily established, and produces high quality forage. Tolerance of shade allows red clover to be used effectively as a cover crop under silage corn. Newer varieties of medium red clover can be productive for 3 years or more under proper management.

WHITE CLOVER

Uses: Forage: White clover is the most important pasture legume. It is a highly palatable, nutritious forage for all classes of livestock. White clover is commonly planted with orchardgrass, ryegrass, or tall fescue. Ladino clover grows tall enough to be harvested for hay, silage and green chop. Intermediate and small white clovers seldom grow tall enough to be harvested for hay or silage.

Wildlife: White clover is a choice food for deer and elk.

Erosion Control: Grass seedings benefit from the nitrogen produced by white clover included in the seed mixture. Solid stands of white clover form a good erosion controlling cover on moist fertile soils, but stands may be sparse or spotty on dry sites.

CRUSADE White Clover

MEDIUM MATURING

Improved winter regrowth. Extended grazing potential during colder months. Early and vigorous flowering. Disease resistance and strong regrowth after cutting. Seed at 5-8 lbs. alone, 2 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>M</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Comment:</td>
<td>Extended grazing in colder months &amp; disease resistant.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STAMINA White Clover

MEDIUM MATURING

An intermediate-type white clover with high stolen density helping it spread aggressively and root down avoiding hoof and grazing pressure. Excellent yield and persistence for a long haul clover. Seed at 5-8 lbs. alone, 2 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H+</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Comment:</td>
<td>Very persistent, large leaf. Excellent for grazing.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CLOVER PRODUCT PORTFOLIO

PINNACLE Ladino Clover

MEDIUM MATURING

High yield potential. Excellent seedling vigor and stolen activity. Resists leaf diseases and field viruses. Superior persistence. Drought tolerant, widely adapted, ideal for pastures. Seed at 5-8 lbs. alone, 2 lbs. in mixes.

<table>
<thead>
<tr>
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<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Comment: Excellent seedling vigor with good stolen growth.

FROSTY Berseem Clover

MEDIUM-LATE MATURING

A cool-season annual legume. Featuring salt tolerance, high nitrogen fixation, and a synergistic relationship to alfalfa. Has been bred for later maturity, cold tolerance, productivity, and nutritional value. Frosty has very low hard seed counts, allowing for quick establishment and lessening its potential to become a weed. Seed at 20 lbs. alone, 12-15 lbs. drilled, 12 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Comment: Excellent seedling vigor with good stolen growth.

402 Brand Red Clover

MEDIUM MATURING

High yield potential, unmatched forage quality, excellent disease resistance, superior persistence. Highly resistant to Northern and Southern anthracnose and powdery mildew. Performs across wide geography and variable conditions. Seed at 10-12 lbs. alone, 4-8 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H+</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Comment: High resistance to Northern and Southern Anthracnose.

BEARCAT Red Clover

MEDIUM MATURING

High yield potential, unmatched forage quality, excellent disease resistance, superior persistence. Highly resistant to Northern and Southern anthracnose and powdery mildew. Performs across wide geography and variable conditions. Seed at 10-12 lbs. alone, 4-8 lbs. in mixes.

<table>
<thead>
<tr>
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<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H+</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Comment: High resistance to Northern and Southern Anthracnose.

Additional Clovers Available: Crimson, Alsike, Mammoth, White Dutch
Contact Your Territory Field Manager For More Information/Availability
TIMOTHY

Livestock: Timothy is used mainly for hay, but also for pasture and silage. It is palatable and nutritious. It makes an excellent companion grass for alfalfa, trefoil or clover since it does not compete with legumes.

Erosion Control: Timothy can be used with legumes and/or other grasses in a mix for cover purposes, filter strips, waterways and other critical area applications.

Wildlife: Timothy is commonly found in wildlife mixtures for nesting, brood cover and escape.

SADDLEBRED® Brand Timothy

EARLY MATURING

Early maturing variety that is well suited for the farmer looking for the many advantages of Climax, but would like earlier maturity. Saddlebred has been bred in competition with other grasses and legumes, and therefore, makes it reliable in all grass mixtures. Saddlebred, in dry matter yield tests has out yielded other timothy varieties, including Climax, by 5-10%. Saddlebred is highly resistant to leaf rust, leaf spot and purple eyespot. Seed at 8-10 lbs. alone, 4-6 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>2-3</th>
<th>H</th>
<th>Hay / Haylage</th>
<th>Yes</th>
<th>Pasture</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td>Comment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Good summer regrowth.</td>
</tr>
</tbody>
</table>

CONQUEST Timothy

EARLY MATURING

Early maturing variety that is a great hay and pasture choice for horses and other livestock owners who demand high quality forage. Bred for higher forage yields, greater foliar disease resistance, faster spring green up, and improved summer regrowth. Seed at 8-10 lbs. alone, 4-6 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>2-3</th>
<th>H</th>
<th>Hay / Haylage</th>
<th>Yes</th>
<th>Pasture</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Excellent spring vigor and very winter hardy.</td>
</tr>
</tbody>
</table>

CATAPULT Timothy

MEDIUM MATURING

Bred for spring vigor and summer regrowth, Catapult comes out of the ground fast with rapid recovery after cutting. Its superior stand persistence lasts all-season and continues year after year. Ideal companion for legumes, other forage grasses, or as a pure stand. Seed at 8-10 lbs. alone, 4-6 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>2-3</th>
<th>H</th>
<th>Hay / Haylage</th>
<th>Yes</th>
<th>Pasture</th>
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<tbody>
<tr>
<td>Comment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Large leaf.</td>
</tr>
</tbody>
</table>
TIMOTHY PRODUCT PORTFOLIO

EXPRESS II Timothy

Late maturing timothy that exhibits explosive Spring vigor and regrowth. With high yields and excellent forage quality, Express II is ideal for premium horse and livestock hay. Seed at 8-10 lbs. alone, 4-6 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Comment: Excellent spring vigor and plant health.

SUMMERGRAZE Timothy

Late maturing timothy for high quality hay and pasture application. Selected for high yields, winter survival and persistence. It combines high leaf expression and good Spring vigor that blends very well with legumes and other grasses. Seed at 8-10 lbs. alone, 4-6 lbs. in mixes.

<table>
<thead>
<tr>
<th>Cutting Management</th>
<th>Yield Potential</th>
<th>Hay / Haylage</th>
<th>Pasture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple</td>
<td>H</td>
<td>Yes</td>
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Comment: Good spring vigor. Very leafy plant.

BIRDSFOOT TREFOIL PRODUCT PORTFOLIO

Forage: Birdsfoot trefoil is used as a high quality, non-bloating legume for pastures, hay and stock-piling.

Erosion Control: Birdsfoot Trefoil is often used for mine reclamation and other sites with marginal soils.

Wildlife: Birdsfoot trefoil is used in wildlife mixes and is an excellent food source for deer.

SEEDWAY carries multiple trefoil varieties, such as Exact, Norcen, and Leo. Please contact your local SEEDWAY Territory Field Manager for current availability.
Smooth brome may be used for hay, pasture, silage or stockpiling. It is compatible with alfalfa or other adapted legumes. The grass is highly palatable and is high in protein content and relatively low in crude-fiber content. Erosion control: Since the plant has a massive root system and is a sod former, it can be used effectively for critical area planting and waterways if the areas can be irrigated or where annual precipitation exceeds 20 inches.

**PEAK Smooth Bromegrass**

**EARLY MATURING**

Peak is Cornell University developed. Earlier maturity and higher yield potential than Saratoga. High forage yield especially after first cut. Improved forage quality, producing fewer heads, good eye appeal in dry hay. Leave a 4” stubble for best regrowth. Seed at 15-20 lbs./acre alone, 3-8 lbs. in mixes.

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Comment: Good summer regrowth.

**ARID Smooth Bromegrass**

**MEDIUM MATURING**

Arid is a Smooth Brome developed to be more drought tolerant, high yielding and shows good regrowth potential. Due to its high forage yield and quality, Arid is great for hay production or green chop. Developed to have less aggressive rhizomes than other smooth bromes, Arid works great in pastures with other species too. Seed at 15-20 lbs./acre alone, 3-8 lbs. in mixes.

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Comment: Good summer regrowth.

**ADMIRAL Meadow Bromegrass**

**EARLY MATURING**

Admiral is a high yielding spring forage that’s extremely winter hardy. Very palatable with an aggressive re-growth. Dark green in color. Seed at 15-20 lbs./acre alone, 3-8 lbs. in mixes.

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Comment: Good summer regrowth.
Livestock: Orchardgrass may be used for hay, pasture or silage. It is highly palatable to all classes of livestock. Orchardgrass is one of the best forage grasses for use in pastures and in combination with alfalfa or red clover for hay.

Erosion Control: Because of its dense network of roots, orchardgrass provides good erosion control on those soils to which it is particularly adapted.

Wildlife: Orchardgrass is used in grass-legume mixes for nesting; brood rearing, escape and winter cover for upland game birds and conservation plantings.

**BOUNTY II Orchardgrass**

**EARLY MATURING**

Early maturity variety and outstanding yield potential. Ideal for hay production or pastures. Excellent plant vigor, quick recovery after cutting with great palatability. Drought tolerance and improved foliar disease resistance. Straight stands or grass and legume mixtures. EXCELLENT FOR GRAZING! Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: Quick regrowth after cutting.

**RUSHMORE II Orchardgrass**

**EARLY MATURING**

An early maturing orchardgrass ideal for use in grazing and hay operations. Rushmore II exhibits excellent winter hardiness making it an ideal fit for colder northern climates. With improved disease resistance, excellent establishment and persistence, Rushmore II can withstand grazing well. Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: High traffic tolerance with high yields.

**SWF 955 Easy Sow Orchardgrass**

**MEDIUM MATURING**

Medium maturity. HULLED ORCHARDGRASS with the same characteristics as standard orchardgrass, but without the seed hulls, easier to mix with alfalfa or other seed. Best choice for air or hydro-seeding. Seed at 6-8 lbs/acre alone, 1-3 lbs/acre in mixes.

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Comment: Great choice for air or hydro-seeding. Good companion with alfalfa.
TRAILBURST Orchardgrass

MEDIUM-LATE MATURING

A tall, high yielding, and persistent orchardgrass with a very dense and aggressive regrowth. Great seedling vigor. Medium-Late maturing. Dual purpose for hay and grazing. Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: Exceptional Rust tolerance.

ALPINE II Orchardgrass

LATE MATURING

Later maturing with very good persistence and winter hardiness. Produces high yields cutting after cutting and under hard intense grazing. Dense and aggressive, tolerates heat, poor fertility and low soil moisture. Good resistance to Foliar rust and leaf spot diseases. Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: Ideal option for grazing or hay. High yields with high protein content.

EXTEND Orchardgrass

LATE MATURING

Late maturity with superior yield potential. Good maturity fit with alfalfa. Excellent plant vigor, increased stand persistence, drought tolerance, stem rust resistance and great palatability. Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: Late maturity alfalfa companion. High grazing tolerance.

DEVOUR Orchardgrass

LATE MATURING

Developed to withstand the rigors of intensive grazing systems which can destroy lesser varieties. Extended periods of hoof traffic and feeding won’t deter Devour. Quick to establish, out competing weeds, and producing a better, high yielding pasture. Late maturing can be seeded with clover or alfalfa. High NDFD- very palatable. Seed at 15-20 lbs. alone, 3-6 lbs. in mixes.

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Comment: Ideal option for grazing or hay. High yields with high protein content.
Annual ryegrass is primarily used for pastures and quick cover in erosion control plantings. In the South, it is used as a winter annual for overseeding warm season grasses.

Perennial ryegrass is a valuable forage and soil stabilization plant. This species is the predominant forage grass in Europe and is used extensively in the United States. Perennial ryegrass is used for pasture and hay in sheep, dairy and beef production. It is often used in mixes with alfalfa, clovers and other grasses. Perennial ryegrass has the highest forage quality of all cool season grasses.

**BIGBANG Annual Ryegrass**

**LATE MATURING**

A tetraploid selected for early heading, yield and disease resistance. It provides high quality forage, consistent yields and excellent regrowth. Big Bang is highly adaptable for use as a cover crop, its deep roots build soil structure and increase organic matter. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

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Comment: Good winterhardiness.

**FRIA Annual Ryegrass**

**LATE MATURING**

Endophyte-free ANNUAL diploid. Late maturity with superior cold tolerance and excellent palatability. Improved resistance to crown rust, gray leaf spot and helminthosporium leaf spot. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

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Comment: Excellent forage quality.

**CENTURION Annual Ryegrass**

**LATE MATURING**

The ideal diploid annual ryegrass choice for dairies, beef and hay operations. Excellent winterhardiness and will not linger long into the summer. When fall planted it will survive the early onslaught of cold, wet weather to provide cover and offer biodiversity following non-grass crops. High quality excellent forage yield. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

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Comment: Excellent winterhardiness.
Selected for grazing applications, TetraPrime has excellent grazing tolerance and can be closely grazed without jeopardizing the integrity of the field. This close-graze ability allows for total forage usage. Excellent drought tolerance and improved winterhardiness. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

### Tetramag Hybrid Ryegrass

**Cutting Management**

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Comment: Hybrid lasting 3-5 years.

Excellent yield potential and stand-life expectancy of 3-5 years. Highest ranking entry in Cornell University and University of Kentucky forage trials. This yield potential is due in part to TetraMag’s unparalleled seedling vigor. Provides improved forage quality and continues to produce all season long. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

### Tetrasweet Perennial Ryegrass / Cut Rye

**Cutting Management**

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Comment: A very wide leaf with high yields.

Highly palatable, fast establishing, tetraploid perennial rye. Tills extensively, rapid recovery, excellent choice for all types of forage production. Can be grazed. High digestibility leads to increased animal performance and increased producer profits. Seed at 20-25 lbs. alone, 4-8 lbs. in mixes.

### Elena Perennial Ryegrass

**Cutting Management**

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Comment: Rust and leaf disease resistance.

FORAGES

TALL FESCUE PRODUCT PORTFOLIO

TALL FESCUE

For decades, KY31 tall fescue was planted widely as a forage and erosion control plant because it is widely adapted, easy to establish and long lived under harsh conditions and mistreatment. It is now recognized that the presence of a toxic endophyte contributed to both the tough nature of KY31 and the poor performance of grazing animals in the warmer months. It is suspected that endophyte infected KY31 has been deleterious to wildlife as well. Today, there are many varieties of tall fescue that are low endophyte or endophyte free, which can be used for hay or pastures without any of the animal health concerns posed by endophyte infected KY31. Tall fescue testing services are available to have existing stands of this grass evaluated for endophyte presence.

DOMINATE Tall Fescue

MEDIUM MATURING

Dominant is an endophyte free variety. Outstanding regrowth and color during the summer which maximizes grazing and hay production. Use in pure stands or in combination with legumes. Great for winter stockpiling. Excellent adaptability to varying soil types. Seed at 15-20 lbs. drilled, 20-25 lbs. alone, 5-10 lbs. in mixes.

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Comment: Tolerates wet soils. Excellent digestibility.

TETON II Tall Fescue

MEDIUM MATURING

Teton II is fast establishing, exceptionally high yielding, medium maturing, soft leaf tall fescue that is an upright variety with a broad crown, very resistant to diseases. Teton II is well adapted for hay and pasture production and shows excellent persistence. Teton II is endophyte free. Teton II is best suited to high fertility and heavy soils and can withstand acid, alkaline as well as poorly drained soils. Best growth is achieved during spring and fall seasons, with moderate growth during the summer season. Seed at 15-20 lbs. drilled, 20-25 lbs. alone.

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Comment: Exceptionally high yielding. Endophyte-free.

SWAJ/PALATINE Soft Leaf Tall Fescue

MEDIUM MATURING

Bred for its winterhardiness and selected for soft-leaved palatability and feed quality, improved digestibility and more pounds of gain. SWAJ has a bunch type growth habit, average flag leaf size and tall plant height delivering more biomass. A strong disease package includes resistance to Crown Rust. Seed at 15-20 lbs. drilled, 20-25 lbs. alone, 5-10 lbs. in mixes.

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Comment: Strong disease package. Excellent winterhardiness.
TALL FESCUE PRODUCT PORTFOLIO

MARQUISE Meadow Fescue
MEDIUM MATURING

Exhibits many facets to out shine other grass varieties. Excellent drought tolerance for dry season conditions. Exceptional forage quality. Ideal for wetter soils. Wide soft leaf. When you use Marquise Meadow Fescue your PROFITS are measured in DIAMONDS! Seed at 25-30 lbs. alone, 15-20 lbs. in mixes, 3-8 lbs. with legumes.

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Comment: Good for hay, haylage, and grazing. Tolerates wet soils.

FESTULOLIUM PRODUCT PORTFOLIO

FESTULOLIUM

Festulolium is a hybrid cross between the Festuca and Lolium species. The agronomic benefits of festulolium started to gain acceptance in the late 1950’s with demand steadily increasing over the years. Festulolium is mainly utilized in pastures for grazing and stockpiling, either in mixes or pure stands. Silage and green chop are other major uses. Benefits include higher forage yields than perennial ryegrass, forage quality similar to perennial ryegrass, increased mid summer growth compared to other cool season grasses, high disease resistance, winterhardiness and persistence.

GAIN Festulolium
EARLY-MEDIUM MATURING

Great yield potential, pasture or silage. Rapid establishment, vigorous growth, excellent with legumes or slower starting grasses. Leafy, palatable, nutritious for all livestock and horses. Performs best on moist, fertile soils. Hybrid of Italian Ryegrass and Meadow Fescue. Seed at 25-40 lbs. alone, 8-20 lbs. in mixes.

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Comment: Strong disease package. Excellent winterhardiness.

SUGARCREST Festulolium
EARLY-MEDIUM MATURING

A tetraploid perennial ryegrass x meadow fescue festulolium that establishes quickly and has fast regrowth, yielding more tonnage per acre than the competition. Excellent persistence provides a highly palatable feed for years. Combined with improved winterhardiness and disease resistance, Sugarcrest is unsurpassed for quality and longevity. Seed at 25-40 lbs. alone, 8-20 lbs. in mixes.

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Comment: Strong disease package. Excellent winterhardiness.
For 60 years SEEDWAY has brought over 95 forage products specifically adapted to the producer. With regional adaptation in mind we select only the top forage products for your operation.

Better Genetics. Better Productivity. Better Profitability. Describes our goal to bring your forage products that are both balanced and profitable.

Stay Connected

Stay Connected

We’re Social :)  

Don’t See It Here?

Seeds, LLC is also a proud supplier of Vegetable, Turf, and Wildlife Seed Products. To learn more visit our website at www.seedway.com or to request a Farm, Turf, or Wildlife products catalog scan the QR code below to be redirected to our website catalog inquiry page.
FORAGES

MIXTURES FORAGE & PASTURE

**ALFA-SOW™**

Hay/Pasture Mix

FSG 450 alfalfa and Extend “Easy Sow” hulled orchardgrass makes the perfect blend for your high production hay acres. These varieties will help ensure the perfect blend that will not bridge in your drill like regular orchardgrass. Don’t waste your time blending your seed at the planter or worrying about two separate seed boxes - JUST FILL YOUR SEED BOX AND SOW YOUR FIELDS! FSG 450 alfalfa is treated with both All-Vantage™ and Aquabond™ to promote germination and stand establishment. (20 lbs./acre)

90% FSG 450 Alfalfa 10% Extend Hulled Orchardgrass

**PROFESSIONAL HORSE**

Pasture Mix

Professional Horse Pasture Mixture is a forage blend specially formulated to meet the nutritional needs of horses while withstanding their intense grazing pressure. (25 lbs./acre)

45% Orchardgrass 30% Perennial Ryegrass 10% Timothy 10% Festulolium 5% Kentucky Bluegrass

**PROFESSIONAL DAIRY**

Pasture Mix

Maximize the performance of dairy cattle. Grasses and clover provide yield, nutrition, stand persistence and disease resistance. (25 lbs./acre)

25% Orchardgrass 20% Perennial Ryegrass 15% Timothy 15% Festulolium 10% Branch Root Alfalfa 10% Red Clover 5% Ladino White Clover

**PROFESSIONAL BEEF**

Pasture Mix

Maximize the performance of dairy cattle. Grasses and clover provide yield, nutrition, stand persistence and disease resistance. (25 lbs./acre)

40% Tall Fescue 23% Orchardgrass 10% Intermediate Ryegrass 10% Perennial Ryegrass 6% Timothy 6% Red Clover 5% Ladino White Clover

**ULTIMATE GRAZER**

Pasture Mix

Mixture designed for the intense grazer. Provides high forage quality and digestibility. If you need to increase milk pounds or body weight...this one will satisfy all of your needs! (25 lbs./acre)

35% Orchardgrass 30% Festulolium 25% Perennial Ryegrass 5% Red Clover 5% White Clover
FORAGES

MIXTURES

SEEDWAY PROPRIETARY FORAGE & PASTURE

SEEDWAY 100
Forage & Pasture Mix

Long lasting mixture of high performing alfalfa and an endophyte free tall fescue to give persistence and traffic tolerance.
(20 lbs./acre)
90% High Yielding Alfalfa 10% Endophyte-Free Forage Tall Fescue

SEEDWAY 150
Forage & Pasture Mix

High forage quality combining top ranking alfalfa with timothy to provide higher yields. (20 lbs./acre)
85% High Yielding Alfalfa 15% Timothy Variety

SEEDWAY 200
Forage & Pasture Mix

A mixture that will tolerate wetter soils as well as well drained soils and provide excellent forage yields and quality. (20 lbs./acre)
50% Branch Root Alfalfa 30% Meadow Fescue 20% Forage Tall Fescue

SEEDWAY 250
Forage & Pasture Mix

An alfalfa and grass mixture that will produce on a wide range of soil types and conditions. (20 lbs./acre)
65% High Yielding 25% Endophyte-Free Forage Tall Fescue 10% Timothy

SEEDWAY 325
Forage & Pasture Mix

Ideal for wetter than normal soils. Suitable for river bottom fields and low lying areas. High yielding with excellent forage quality.
(30 lbs./acre)
35% Endophyte-Free Forage Tall Fescue 35% Meadow Fescue 20% Festulolium 10% Red Clover

Varieties listed for forage and pasture mixes may be substituted with comparable varieties based on availability. Custom mixes are available with an additional mix charge for growers desiring specific varieties or different mix ratios.
MIXTURES  SEEDWAY PROPRIETARY FORAGE & PASTURE

**SEEDWAY 350**  
Forage & Pasture Mix  
High yielding mixture that will dry down fast and provide excellent feed quality hay. (30 lbs./acre)  
35% Endophyte-Free Forage Tall Fescue  30% Orchardgrass  15% Red Clover  10% Perennial Ryegrass  10% Festulolium

**SEEDWAY 400**  
Forage & Pasture Mix  
A red clover based mix with enough timothy to balance the ration and provide an excellent stand for three years. (18 lbs./acre)  
60% Red Clover  40% Timothy Variety

**SEEDWAY 450**  
Forage & Pasture Mix  
Economical mix to cover the basic needs for a legume and grass mixture. (18 lbs./acre)  
50% Alfalfa  35% Timothy Variety  15% Medium Red Clover

**SEEDWAY 500**  
Forage & Pasture Mix  
Perennial grass mixture that has excellent forage quality and yield. Mixture will tolerate a multitude of soil types and conditions. (20 - 30 lbs./acre)  
35% Festulolium  35% Forage Perennial Ryegrass  15% Annual Ryegrass  15% Red Clover

**SEEDWAY 550**  
Forage & Pasture Mix  
High yielding all grass mixture for both hay and grazing. Quick dry down, persistent, and suitable for all soil conditions. (30 lbs./acre)  
40% Endophyte-Free Forage Tall Fescue  30% Orchardgrass  20% Festulolium  10% Late Maturing Timothy

**SEEDWAY 575**  
Forage & Pasture Mix  
Versatile all grass mixture that will excel in both wetter soils and dryland. Endophyte free grass that has excellent traffic resistance and is very persistent. A high yielding grass mix with quick dry down. (30 lbs./acre)  
60% Forage Tall Fescue  40% Meadow Fescue
**MIXTURES FORAGE & PASTURE**

**TAR**

**Economy Mix**

Combination of grass and clover to be used as a plow down mixture to increase green manure, reduce erosion, and fix nitrogen.

(30 lbs./acre)

50% Timothy 30% Medium Red Clover 20% Alsike/White Clover

* TAR MIX NO 1 contains Alsike clover, which has been associated with certain metabolic disorders in horses. DO NOT pasture horses in fields seeded with this mixture or any mixture containing Alsike.

**SPRINT MAXX**

**Pea/Oat Forage Mixture**

Sprint Maxx is a forage mixture of Haywire Brand Oats and Stockade Brand Peas. It produces high yields of high quality forage in dairy and beef areas throughout the Northern United States. Sprint-Maxx provides a quick source of forages within 60 days of planting and can be used as companion crop to establish alfalfa or it can follow winter wheat if planted within the first 2 weeks of August. Seed at 80 - 120 lbs. per acre.

Haywire Brand Oats - Superior forage yield and excellent standability. High protein content. Large palatable leaves.
Stockade Brand Peas - Excellent spring vigor and high yield potential. Increased vine delivers higher forage quality. Excellent disease resistance. Small black seeded forage pea for higher populations.

**DON’T SEED YOUR MIXTURE HERE?**

Custom Mixing Available Upon Request

In addition to SEEDWAY’s excellent standard forage and grass mixtures, SEEDWAY will custom blend forage mixes to fit the needs and demands of your particular operation.

Simply call your SEEDWAY office or Territory or Retail Field Manager today for further information.
FORAGES

OTHER FORAGE PRODUCTS

HYOCTANE

Winter Forage Triticale

HyOctane is a winter triticale variety that has shown favorable forage yield and winter hardiness across the East Coast. HyOctane makes a great option for fall grazing on ensiling in the spring before corn planting. Reduced awned variety to aid livestock palatability. Good early-season vigor and earlier heading date than traditional varieties. Medium straw strength. Very short awns. Very high leaf to stem ratio. Seed at 90 - 120 lbs. per acre. (Pictured in upper right corner)

TRICAL 336 BLEND

Winter Forage Triticale

An awned annual cereal forage which exhibits a very dense canopy of long leaves designed for use in double-crop systems that intend to maximize annual forage production. With a high leaf to stem ratio at the flag leaf and early boot stages exhibits a high nutritional value. A semi-erect growth habit and sensitivity to grazing make it a secondary choice for intensive grazing. Seed at 90 - 120 lbs. per acre.

THOR™

Facultative Forage Triticale


KARA

Forage Oats

Kara forage oat is a tall, leafy, forage style oat with excellent yield and improved resistance to leaf rust. Harvesting is facilitated by its good standability, which also results in high straw yields. Its upright growth, healthy foliage and broad leaves make it an excellent forage oat. Seed at 120 - 150 lbs. per acre.

KALIO

Forage Oats

Kalio is a tall variety that has shown in local testing to produce 1/2 ton of dry matter over Kara oats. Excellent resistance to crown and leaf rusts. Seed at 120 - 150 lbs. per acre.
## Forage & Grain Sorghum Comparison Chart

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>BMR/Gene</th>
<th>Stalk</th>
<th>Growth Habit</th>
<th>Maturity</th>
<th>Recovery After Cutting</th>
<th>Silage</th>
<th>Hay</th>
<th>Grazing</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA 171 BMR6 DS</td>
<td>Yes / 6</td>
<td>Dry</td>
<td>Upright</td>
<td>75 Day To Soft Dough</td>
<td>Fair</td>
<td>Excellent</td>
<td>Fair</td>
<td>No</td>
<td>7 - 11 lbs.</td>
</tr>
<tr>
<td>SSA 181 BMR6 DS</td>
<td>Yes / 6</td>
<td>Dry</td>
<td>Upright</td>
<td>85 Day To Soft Dough</td>
<td>Fair</td>
<td>Excellent</td>
<td>Fair</td>
<td>No</td>
<td>7 - 11 lbs.</td>
</tr>
<tr>
<td>SSA 191 BMR6 BD</td>
<td>Yes / 6</td>
<td>Juicy</td>
<td>Brachylic Dwarf</td>
<td>95 Day To Soft Dough</td>
<td>Fair</td>
<td>Excellent</td>
<td>Fair</td>
<td>No</td>
<td>7 - 11 lbs.</td>
</tr>
</tbody>
</table>

Forage Sorghum: Performs best in moderate to well drained soils with pH range of 5.5 - 7.0. Drought tolerance is high. Requires 1/3 less water than corn.

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>Grain Color</th>
<th>Days To Mid Bloom</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Anthracnose</th>
<th>Powdery Mildew</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA 171</td>
<td>Red</td>
<td>52 Day</td>
<td>24&quot; - 42&quot;</td>
<td>Semi Open</td>
<td>Excellent</td>
<td>Very Good</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>SSA 181</td>
<td>Red</td>
<td>55 Day</td>
<td>40&quot; - 45&quot;</td>
<td>Semi Closed</td>
<td>Good</td>
<td>Good</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>SSA 191</td>
<td>Cream</td>
<td>58 Day</td>
<td>38&quot; - 45&quot;</td>
<td>Semi Open</td>
<td>Good</td>
<td>Very Good</td>
<td>10 lbs.</td>
</tr>
</tbody>
</table>

Grain Sorghum: Primary use is for feed produced from grain. Exceptional yield performance with wide area of adaptability. Popular for wildlife cover and food source.

Sorghum Sudan: Multiple cut system to fast regrowth. Yield is generally less than forage sorghum. Large stems make drying for hay difficult.

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>BMR/Gene</th>
<th>Stalk</th>
<th>Growth Habit</th>
<th>Maturity</th>
<th>Recovery After Cutting</th>
<th>Silage</th>
<th>Hay</th>
<th>Grazing</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA 251 BMR6 DS</td>
<td>Yes / 6</td>
<td>Dry</td>
<td>Upright</td>
<td>55 Day To Boot</td>
<td>Very Good</td>
<td>Very Good</td>
<td>Very Good</td>
<td>Very Good</td>
<td>35 - 50 lbs.</td>
</tr>
<tr>
<td>SSA 252 BMR6</td>
<td>Yes / 6</td>
<td>Juicy</td>
<td>Upright</td>
<td>55 Day To Boot</td>
<td>Very Good</td>
<td>Very Good</td>
<td>Very Good</td>
<td>Very Good</td>
<td>35 - 50 lbs.</td>
</tr>
<tr>
<td>SSA GreenGrazer</td>
<td>No</td>
<td>Juicy</td>
<td>Upright</td>
<td>65 Day To Boot</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>35 - 50 lbs.</td>
</tr>
</tbody>
</table>

Hybrid Sudan: Smaller leaves and finer stems, making drydown more efficient. Hybrids available that are slightly larger and higher yielding.

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>BMR/Gene</th>
<th>Stalk</th>
<th>Growth Habit</th>
<th>Maturity</th>
<th>Recovery After Cutting</th>
<th>Silage</th>
<th>Hay</th>
<th>Grazing</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA Leafy PM</td>
<td>No</td>
<td>Juicy</td>
<td>Leafy</td>
<td>60 - 65 Day To Boot</td>
<td>Very Good</td>
<td>Excellent</td>
<td>Good</td>
<td>Good</td>
<td>15 - 25 lbs.</td>
</tr>
<tr>
<td>SSA Dwarf BMR PM</td>
<td>Yes</td>
<td>Juicy</td>
<td>Brachylic Dwarf</td>
<td>60 - 65 Day To Boot</td>
<td>Very Good</td>
<td>Excellent</td>
<td>Good</td>
<td>Good</td>
<td>15 - 25 lbs.</td>
</tr>
</tbody>
</table>

Pearl Millet: Bushy type with high yield potential. Widely adapted. No prussic acid concerns. Forage produced is virtually all leaves.

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>BMR/Gene</th>
<th>Stalk</th>
<th>Growth Habit</th>
<th>Maturity</th>
<th>Recovery After Cutting</th>
<th>Silage</th>
<th>Hay</th>
<th>Grazing</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA 181 BMR6 BD</td>
<td>Yes / 6</td>
<td>Juicy</td>
<td>Brachylic Dwarf</td>
<td>95 Day To Soft Dough</td>
<td>Fair</td>
<td>Excellent</td>
<td>Fair</td>
<td>No</td>
<td>7 - 11 lbs.</td>
</tr>
</tbody>
</table>

German Millet

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>Grain Color</th>
<th>Days To Mid Bloom</th>
<th>Plant Height</th>
<th>Head Type</th>
<th>Anthracnose</th>
<th>Powdery Mildew</th>
<th>Seeding Rate lbs./acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSA Leafy PM</td>
<td>Red</td>
<td>52 Day</td>
<td>24&quot; - 42&quot;</td>
<td>Semi Open</td>
<td>Excellent</td>
<td>Very Good</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>SSA Dwarf BMR PM</td>
<td>Red</td>
<td>55 Day</td>
<td>40&quot; - 45&quot;</td>
<td>Semi Closed</td>
<td>Good</td>
<td>Good</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>SSA GreenGrazer</td>
<td>Cream</td>
<td>58 Day</td>
<td>38&quot; - 45&quot;</td>
<td>Semi Open</td>
<td>Good</td>
<td>Very Good</td>
<td>10 lbs.</td>
</tr>
</tbody>
</table>

Grain Sorghum: Primary use is for feed produced from grain. Exceptional yield performance with wide area of adaptability. Popular for wildlife cover and food source.
Early planting is NOT an option with sorghum and sorghum x sudan products. They must be planted in warm soils. May 20 is the absolute earliest after soils are warm. Also observe sorghum / sudan feed warnings to prevent Prussic Acid Poisoning.

1. Avoid larger nitrogen applications prior to expected drought period.
2. 2, 4-D increases Prussic Acids for several weeks after application.
3. Do not harvest drought damaged plants within 4 days of good rain.
4. Allow at least 7 days killing frost before chopping.
5. Cut at higher stubble height, nitrates accumulate in the lower stalks.
6. Wait 6 weeks after ensiling to allow Prussic Acid to dissipate.

**ANNUAL FORAGE & GRAIN SORGHUM**

**ANNUAL FORAGE PRODUCT PORTFOLIO**

**SSA 171 BMR6 DS**
75 DAY • FORAGE SORGUM
Male sterile hybrid, volunteer growth is not an issue provided there is adequate isolation from pollen fertile sorghums. Significantly lower stem lignin concentration. Improved digestibility and palatability equals milk production of corn. Requires 1/3 less water than corn for the same production. Dry stalk gene improves harvest time. Seed at 7-11 lbs. per acre.

**SSA 181 BMR6 DS**
85 DAY • FORAGE SORGUM
Male sterile hybrid, volunteer growth is not an issue provided there is adequate isolation from pollen fertile sorghums. Dry stalk gene improved harvestability timing. Significantly lower stem lignin concentration. Improved digestibility and palatability. Requires 1/3 less water than corn. Male sterile hybrid. Seed at 7-11 lbs. per acre.

**SSA 191 BMR6 BD**
95 DAY • BRACHYTIC DWARF FORAGE SORGUM

**SSA M31 BMR6 DS**
35-40 DAY • LEAFY BMR6 HYBRID SUDANGRASS
SSA M31 BMR6 DS is a BMR 6 Hybrid Sudangrass. The BMR 6 gene added to a sudangrass hybrid adds the high quality to a plant that has fine stems and quick regrowth. This hybrid will have fast dry down so it can be used in areas that have trouble putting sorghum sudan up as dry hay. Seed at 25-30 lbs. per acre.

**SUMMER ANNUAL Product Key**

SSA = SEEDWAY Summer Annuals
M = Multiple
DS = Dry Stalk
SGS = SEEDWAY Grain Sorghum
BD = Brachytic Dwarf
ANNUAL FORAGE & GRAIN SORGHUM

ANNUAL FORAGE PRODUCT PORTFOLIO

SSA 251 BMR6 DS
50-55 DAY • DRY STALK HYBRID SORGHUM-SUDAN

Produces high tillering, high quality forage with excellent early vigor. The high leaf-to-stem ratio equals high protein. Digestibility has been increased by 20% due to the BMR 6 trait. Dry stalk gene allows for more timely harvest and helps get the crop out of the field quickly. Typically used in a rotation grazing or 1-3 cutting systems allowing growers to produce the maximum amount of forage. Seed at 35-50 lbs. per acre.

SSA 252 BMR6
50-55 DAY • HYBRID SORGHUM - SUDANGRASS

SSA 252 BMR6 produces some of the highest dry matter yields of any BMR and non-BMR hybrid sorghum-sudangrass commercially available with excellent nutritional quality and vigor. Highly digestible, increased drought tolerance and improved animal utilization due to reduced lignin. Excellent choice for grazing, hay, greenchop and silage. Seed at 35-50 lbs. per acre.

SSA GREENGRAZER
50-55 DAY • HYBRID SORGHUM - SUDANGRASS

Small seeded three way cross with thin stems that are highly palatable. Very fast regrowth after cutting. Possesses the Green Top trait, which allows for further extension of the plant. Planting at higher populations will result in a finer stemmed forage. Finer stems will allow the forage to dry faster for higher quality hay than is possible with thick stemmed types. Seed at 35-50 lbs. per acre.

GRAIN SORGHUM

Feed: Grain sorghum is used primarily for feed produced from the grain although grain sorghum can be used for silage if necessary. It is not recommended for grazing.

Wildlife: Grain sorghum is a favorite food source for upland game birds, migratory birds and other non game birds.

SGS 801
50-52 DAY • HYBRID GRAIN SORGHUM

Widely adapted from north to south across soil types and environmental conditions. Good emergence and early vigor help SGS 801 get off to a fast start, while exceptional stress tolerance allows for dependable yield performance under adverse conditions. If you need an early maturity hybrid with high yield potential, SGS 801 is the variety to ask for. Seed at 8-12 lbs./acre.

SGS 251
55 DAY • GRAIN SORGHUM

SGS 251 is widely adaptable north to south across various soil types and conditions of the medium-early maturity zones. Exceptional stress tolerance allows for dependable yield performance under adverse conditions. Good emergence score and early vigor help SGS 251 get a fast start in spring. Red grain color. Seed at 8-12 lbs./acre.
ANNUAL FORAGE & GRAIN SORGHUM

ANNUAL FORAGE PRODUCT PORTFOLIO

**SGS 255C**
54-58 DAY • GRAIN SORGHUM

SGS 255C is widely adaptable north to south across extraneous soil types and conditions of the medium-early maturity zones. Exceptional stress tolerance allows for dependable yield performance under adverse conditions. Good emergence score and early vigor help SGS 255C get a fast start in spring. Cream colored grain. Very popular for wildlife applications. Seed at 8-12 lbs./acre.

**SGS 425**
62-65 DAY • HYBRID GRAIN SORGHUM

SGS 425 is widely adapted from north to south across soil types and environmental conditions. Good emergence and early vigor help SGS 425 get off to a fast start, while unmatched stress tolerance allows for dependable yield performance under adverse conditions. If you need a medium maturity hybrid with high yield potential, SGS 425 is the variety to ask for. Red colored grain. Seed at 8-12 lbs./acre.

**PEARL MILLET**

Pearl millet is used primarily for grazing, green chop and silage.

**SSA LEAFY PEARL MILLET**
63 DAY • LEAFY PEARL MILLET

SSA Leafy Pearl Millet is a bushy type hybrid pearl millet with high yield potential which is achieved very quickly being only 63 days to the boot stage. It has a high level of tolerance to many pathogens and high humidity, but cannot tolerate standing surface water. Can be grown on as little as 16 inches of water, however, greater tonnage will be produced with greater water availability. The bushy type plant stature means that the forage produced is virtually all leaves. This greater leaf mass gives SSA Leafy Pearl Millet high crude protein concentrations and high TDN values. Seed at 20-25 lbs./acre.

**SSA DWARF BMR PEARL MILLET**
60-65 DAY • DWARF BMR PEARL MILLET

SSA Dwarf BMR Pearl Millet is a new concept in hybrid pearl millets with BMR and dwarfing gene technology. The BMR gene reduces plant lignin versus conventional pearl millets resulting in a highly digestible forage with improved nutritional quality for superior animal performance. The dwarfing gene increases the leaf to stem ratio for higher forage quality, improves standability in the field and allows heavier grazing pressure with its extensive tillering. With high yield and quality potential, an excellent disease resistance package, drought stress tolerance and rapid growth, ideal for the grower who wants the flexibility of grazing, hay, or silage. Seed at 20-25 lbs./acre.
<table>
<thead>
<tr>
<th>VARIETY</th>
<th>APPROX. SEEDS/LB</th>
<th>LBS/BU</th>
<th>PLANTING RATE (LBS/ACRE)</th>
<th>PLANTING RATE IN MIX (LBS/ACRE)</th>
<th>SEEDING DEPTH (INCHES)</th>
<th>SUGGESTED PLANTING DATES</th>
<th>EMERGENCE TIME (DAYS)</th>
<th>PRIMARY USE</th>
<th>LIFE CYCLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>227,000</td>
<td>60</td>
<td>15 - 20</td>
<td>8 - 10</td>
<td>1/4 - 1/2</td>
<td>March-May, August-September</td>
<td>7</td>
<td>Hay, Silage, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Barley</td>
<td>14,000</td>
<td>48</td>
<td>90 - 120</td>
<td>60 - 90</td>
<td>1 - 2</td>
<td>March-April, August-October</td>
<td>7</td>
<td>Pasture</td>
<td>Annual</td>
</tr>
<tr>
<td>Bermudagrass (Hulled)</td>
<td>2,071,000</td>
<td>40</td>
<td>5 - 10</td>
<td>-</td>
<td>1/8</td>
<td>April-June, August-September</td>
<td>21</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Birdsfoot Trefoil</td>
<td>370,000</td>
<td>60</td>
<td>8 - 10</td>
<td>4 - 8</td>
<td>1/4</td>
<td>February-May, August-September</td>
<td>7</td>
<td>Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Bluegrass, Kentucky (Forage)</td>
<td>2,177,000</td>
<td>14</td>
<td>10 - 15</td>
<td>4 - 10</td>
<td>1/4</td>
<td>February-May, August-September</td>
<td>28</td>
<td>Pasteure</td>
<td>Perennial</td>
</tr>
<tr>
<td>Bluestem, Big</td>
<td>165,000</td>
<td>22</td>
<td>5 - 12 PLS</td>
<td>-</td>
<td>1/4 - 1/2</td>
<td>May-June</td>
<td>28</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Bluestem, Little</td>
<td>237,000</td>
<td>-</td>
<td>5 - 6 PLS</td>
<td>-</td>
<td>1/4 - 1/2</td>
<td>May-June</td>
<td>28</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Brome, Meadow</td>
<td>93,000</td>
<td>-</td>
<td>12 - 20</td>
<td>4 - 8</td>
<td>1/4 - 1/2</td>
<td>March-May, August-September</td>
<td>14</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Brome, Smooth</td>
<td>138,000</td>
<td>14</td>
<td>15 - 20</td>
<td>3 - 10</td>
<td>1/4 - 1/2</td>
<td>March-May, August-September</td>
<td>14</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Buckwheat</td>
<td>15,000</td>
<td>52</td>
<td>40 - 55</td>
<td>-</td>
<td>1/2 - 1</td>
<td>June-July</td>
<td>7</td>
<td>Hay, Grain, Wildlife</td>
<td>Annual</td>
</tr>
<tr>
<td>Buffalograss</td>
<td>49,000</td>
<td>-</td>
<td>40 - 60 PLS</td>
<td>-</td>
<td>1/2</td>
<td>May-June</td>
<td>14 - 21</td>
<td>Pasteure</td>
<td>Perennial</td>
</tr>
<tr>
<td>Chicory</td>
<td>426,000</td>
<td>-</td>
<td>4 - 5</td>
<td>2 - 3</td>
<td>1/8 - 1/4</td>
<td>April-May-August-September</td>
<td>7 - 21</td>
<td>Pasteure, Wildlife</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, Alskie</td>
<td>728,000</td>
<td>60</td>
<td>7 - 8</td>
<td>1 - 3</td>
<td>1/4 - 1/2</td>
<td>February-May, August-October</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, Arrowleaf</td>
<td>400,000</td>
<td>60</td>
<td>5 - 10</td>
<td>-</td>
<td>1/8 - 1/2</td>
<td>August-October</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Annual</td>
</tr>
<tr>
<td>Clover, Berseem</td>
<td>207,000</td>
<td>60</td>
<td>10 - 20</td>
<td>-</td>
<td>1/4 - 1/2</td>
<td>May-June, August-October</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Annual</td>
</tr>
<tr>
<td>Clover, Crimson</td>
<td>150,000</td>
<td>60</td>
<td>20 - 30</td>
<td>-</td>
<td>1/4 - 1/2</td>
<td>August-October</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Annual</td>
</tr>
<tr>
<td>Clover, Kura</td>
<td>227,000</td>
<td>60</td>
<td>10</td>
<td>4 - 6</td>
<td>1/4 - 1/2</td>
<td>April-May, August</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Annual</td>
</tr>
<tr>
<td>Clover, Ladino White</td>
<td>768,000</td>
<td>60</td>
<td>4 - 6</td>
<td>2 - 4</td>
<td>1/8 - 1/4</td>
<td>February-May, August-October</td>
<td>7 - 10</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, Mammoth Red</td>
<td>272,000</td>
<td>60</td>
<td>8 - 12</td>
<td>4 - 8</td>
<td>1/4 - 1/2</td>
<td>February-May, August-October</td>
<td>7</td>
<td>Hay, Silage, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, Medium Red</td>
<td>272,000</td>
<td>60</td>
<td>8 - 12</td>
<td>4 - 8</td>
<td>1/4 - 1/2</td>
<td>February-May, August-October</td>
<td>7</td>
<td>Hay, Silage, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, New Zealand White</td>
<td>768,000</td>
<td>60</td>
<td>4 - 6</td>
<td>2 - 4</td>
<td>1/8 - 1/4</td>
<td>February-May, August-October</td>
<td>7 - 10</td>
<td>Pasteure</td>
<td>Perennial</td>
</tr>
<tr>
<td>Clover, White Dutch</td>
<td>768,000</td>
<td>60</td>
<td>6 - 8</td>
<td>2 - 4</td>
<td>1/8 - 1/4</td>
<td>February-May, August-October</td>
<td>7 - 10</td>
<td>Pasteure</td>
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<tr>
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<td>Dropseed, Prairie</td>
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<td>Fescue, Hard</td>
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<td>Grama, Blue</td>
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<td>-</td>
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<tr>
<td>Grama, Sideoats</td>
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<td>60</td>
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<td>May-June</td>
<td>7</td>
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<td>Lespedeza, Korean (Hulled)</td>
<td>238,000</td>
<td>25</td>
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<tr>
<td>Lespedeza, Striate (Kobe)</td>
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<td>25 - 35</td>
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<tr>
<td>Millet, Browntop</td>
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<td>VARIETY</td>
<td>APPROX. SEEDS/LB</td>
<td>LBS/BU</td>
<td>PLANTING RATE (LBS/ACRE)</td>
<td>PLANTING RATE IN MIX (LBS/ACRE)</td>
<td>SEEDING DEPTH (INCHES)</td>
<td>SUGGESTED PLANTING DATES</td>
<td>EMERGENCE TIME (DAYS)</td>
<td>PRIMARY USE</td>
<td>LIFE CYCLE</td>
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<tr>
<td>Millet, Proso</td>
<td>80,000</td>
<td>56</td>
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<td>May-July</td>
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<td>Grain, Wildlife</td>
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<tr>
<td>Oats, Spring, Fall</td>
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<td>32</td>
<td>64 - 120</td>
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<td>March-April, August-September</td>
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<td>2,000</td>
<td>60</td>
<td>30 - 40</td>
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<td>March-April, September-October</td>
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<td>7</td>
<td>Pasture</td>
<td>Annual</td>
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<td>Red Top</td>
<td>4,990,000</td>
<td>14</td>
<td>4 - 5</td>
<td>1 - 2</td>
<td>1/4</td>
<td>March-May, August-September</td>
<td>10</td>
<td>Pasture, Erosion Control</td>
<td>Perennial</td>
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<td>Reed Canarygrass</td>
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<td>March-May, August-September</td>
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<td>56</td>
<td>90 - 120</td>
<td>60 - 90</td>
<td>1 - 2</td>
<td>March-April, August-September</td>
<td>7</td>
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<td>Annual</td>
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<td>24</td>
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<td>6 - 10</td>
<td>1/4 - 1/2</td>
<td>February-May, August-September</td>
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<td>55</td>
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<td>March-April</td>
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<td>Sorghum, Forage</td>
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<td>56</td>
<td>15 - 50</td>
<td>-</td>
<td>1</td>
<td>May-July</td>
<td>10</td>
<td>Silage</td>
<td>Annual</td>
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<tr>
<td>Sorghum, Forage BMR</td>
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<td>56</td>
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<td>1</td>
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<td>Silage</td>
<td>Annual</td>
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<tr>
<td>Sorghum, Grain</td>
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<td>50</td>
<td>4 - 20</td>
<td>-</td>
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<td>May-July</td>
<td>10</td>
<td>Grain, Wildlife</td>
<td>Annual</td>
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<tr>
<td>Sorghum-Sudangrass</td>
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<td>56</td>
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<td>May-July</td>
<td>10</td>
<td>Hay, Pasture</td>
<td>Annual</td>
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<tr>
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<td>May-July</td>
<td>10</td>
<td>Hay, Pasture</td>
<td>Annual</td>
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<td>20 - 45</td>
<td>-</td>
<td>1/2 - 1</td>
<td>May-July</td>
<td>10</td>
<td>Hay, Pasture</td>
<td>Annual</td>
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<td>Sunflowers, Peredovik</td>
<td>7,000</td>
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<td>1</td>
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<td>7</td>
<td>Silage</td>
<td>Annual</td>
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<td>1/4 - 1/2</td>
<td>May-June</td>
<td>7</td>
<td>Pasture</td>
<td>Annual</td>
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<tr>
<td>Sweetclover, White Blossom</td>
<td>259,000</td>
<td>60</td>
<td>6 - 15</td>
<td>3 - 8</td>
<td>1/4 - 1/2</td>
<td>February-May, August-October</td>
<td>7</td>
<td>Pasture</td>
<td>Biennial</td>
</tr>
<tr>
<td>Sweetclover, Yellow Blossom</td>
<td>259,000</td>
<td>60</td>
<td>6 - 15</td>
<td>3 - 8</td>
<td>1/4 - 1/2</td>
<td>February-May, August-October</td>
<td>7</td>
<td>Pasture</td>
<td>Biennial</td>
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<tr>
<td>Switchgrass</td>
<td>389,000</td>
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<td>4 - 8 PLS</td>
<td>-</td>
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<td>April-May</td>
<td>21</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
</tr>
<tr>
<td>Teff</td>
<td>1,300,000</td>
<td>-</td>
<td>4-6 raw / 8-12 coated</td>
<td>-</td>
<td>1/8 - 1/4</td>
<td>May-July</td>
<td>3 - 6</td>
<td>Hay</td>
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<tr>
<td>Timothy</td>
<td>1,152,000</td>
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<td>6 - 12</td>
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<td>March-May, August-September</td>
<td>10</td>
<td>Hay, Pasture</td>
<td>Perennial</td>
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<td>Triticale</td>
<td>15,000</td>
<td>48</td>
<td>90 - 120</td>
<td>60 - 90</td>
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<td>March-April, August-October</td>
<td>7</td>
<td>Hay, Pasture</td>
<td>Annual</td>
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<tr>
<td>Turnips</td>
<td>220,000</td>
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<td>April-August</td>
<td>7</td>
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<td>May-June</td>
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<td>11,000</td>
<td>60</td>
<td>60 - 120</td>
<td>60 - 90</td>
<td>1 - 2</td>
<td>March-April, August-October</td>
<td>7</td>
<td>Pasture</td>
<td>Annual</td>
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<tr>
<td>Wheatgrass, Crested</td>
<td>175,000</td>
<td>22</td>
<td>10 - 12 PL</td>
<td>-</td>
<td>1/2</td>
<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
<td>Perennial</td>
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<tr>
<td>Wheatgrass, Intermediate</td>
<td>88,000</td>
<td>-</td>
<td>12 - 18 PL</td>
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<td>1/2</td>
<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
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<td>12 - 16 PL</td>
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<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
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<tr>
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<td>10 - 12 PL</td>
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<td>1/2</td>
<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
<td>Perennial</td>
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<tr>
<td>Wheatgrass, Tall</td>
<td>78,000</td>
<td>-</td>
<td>15 - 20 PL</td>
<td>-</td>
<td>1/2</td>
<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
<td>Perennial</td>
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<tr>
<td>Wheatgrass, Western</td>
<td>110,000</td>
<td>-</td>
<td>8 - 15 PL</td>
<td>-</td>
<td>1/2</td>
<td>March-June</td>
<td>10 - 14</td>
<td>Pasture</td>
<td>Perennial</td>
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</tbody>
</table>
Pasture: Brassicas allow the flexibility to increase livestock carrying capacity and extend the grazing season into late fall and winter.

Cover Crop: Brassicas have many agronomic benefits when used as cover crops such as erosion control, nutrient recycling, enhanced soil tilth, reducing soil compaction and building organic matter.

Wildlife: Brassicas are nutritious and desirable food sources for deer and other wildlife during the winter months when other food supplies are scarce.

**JACKPOT Forage Turnip**

Jackpot is a true forage turnip that exhibits multiple growing points (crowns) on top of the bulb to withstand grazing pressure unlike a purple top with one growing point. Smaller bulb to reduce hoofing out of soil. Seed at 5 lbs /acre.

**VIVANT Hybrid Brassica**

Vivant is a cross between a forage turnip and a forage rape. Vivant exhibits more of a tuber than a bulb and has 80% more leaf than a purple top turnip, which provides more feed. Seed at 5 lbs /acre.

**IMPACT Forage Collards**

Forage collards produce a significant amount of biomass that can be beneficial for adding organic matter to soils, or for livestock grazing. In a grazing situation, these collards rebound and regrow very well after grazing. Excellent choice for wildlife food plots. Seed at 10 lbs/acre alone or 2-3 lbs/acre in mixes.

**TROPHY Rape Seed**

Trophy rapeseed is a fast growing brassica that is heat, cold and drought tolerant. Trophy is a canola type rape which produces large volumes of biomass with equal or higher feed values. Seed at 5 lbs /acre.

**ENDURE Forage Chicory**

Endure is a true perennial forb that provides high forage quality and biomass. Very palatable and drought tolerant. Seed at 5 lbs /acre.

**DESSIE Teff**

Dessie is a warm season annual grass variety developed for high forage production and forage quality without the problems of other summer annual grasses such as prussic acid or nitrate buildup. Dessie makes the ideal horse hay with great palatability, digestibility, and attractive green color which is important for the premium horse hay. Seed at 10 lbs / acre.
SEEDWAY has developed a progressive cover crop program to benefit growers by providing seed of individual species and mixtures that are high quality, professionally tested, and legally tagged. These mixtures of grass and legume species provide the potential for increased crop yields, disruption of disease & pest cycles, reduced soil erosion, increased water infiltration and nutrient recycling. In addition to the soil benefits that cover crops provide, many species provide opportunities for grazing, haying, or ensiling a nutritious forage crop.

**COVER CROP BENEFITS**

- **Weed Control** – Seeding at higher rates or selecting species with dense leaf canopies will help suppress weeds.
- **Reduce Soil Compaction** – Certain species create pilot holes to promote soil aeration, water infiltration and better root penetration while others simply shatter the soil layers with their high density root system.
- **Nutrient Mining** – Some cover crops can capture up to 200 pounds of nitrogen before winterkill occurs.
- **Nematode Control** – Natural bio fumigants are produced by a few plant species that can decrease nematode populations.
- **Organic Matter** – Increase soil organic matter using species that produce a large amount of biomass that can be incorporated into the soil.
- **Erosion Control** – Selecting species with quick germination and excellent ground cover will help eliminate wind and water erosion issues.

SEEDWAY, LLC cover crops can be custom blended into mixes to fit the needs and demands of your particular operation.

Call your SEEDWAY Office, Territory Field Manager, or Retail Field Manager today for details.

**COVER CROP HELP DESK**

covercrops@seedway.com

Email SEEDWAY with questions on products, utilization, availability, pricing and more. A timely response will be given to your inquiry.
**MIXTURES**

**SEEDWAY PROPRIETARY COVER CROP MIXTURES**

**SW-PR**

- 80% Winter Pea • 20% Eco-Till™ Radish
- Rapid establishment to prevent wind and water erosion.
- Fixes atmospheric nitrogen to increase soil nitrogen levels.
- Improves soil permeability for increased air and water penetration, reduces soil compaction, and increases root development potential.
- Recycles nutrients that would have been lost to leaching or runoff.
- Potential forage for fall grazing.
- Seed Rate: 25 lbs. per acre

**SW-POR**

- 50% Winter Pea • 40% Jerry Oats • 10% Eco-Till™ Radish
- Rapid establishment to prevent wind and water erosion.
- Improves soil permeability for increased air and water penetration, reduces soil compaction, and increases root development potential.
- Recycles nutrients that would have been lost to leaching or runoff.
- Fixes atmospheric nitrogen to increase soil nitrogen levels.
- Potential forage for fall and spring grazing, spring silage or hay.
- Seed Rate: 50 lbs. per acre

**SW-RYR**

- 80% Fria Annual Ryegrass • 20% Eco-Till™ Radish
- Improves soil permeability for increased air and water penetration, reduces soil compaction, and increases root development potential.
- Recycles nutrients that would have been lost to leaching or runoff.
- Holds surface soil in place.
- Improves soil tilth which can benefit any crop that follows.
- Potential forage production for fall grazing.
- Seed Rate: 25 lbs. per acre
MIXTURES

SEEDWAY PROPRIETARY COVER CROP MIXTURES

SW-TCR

80% Triticale • 10% Crimson Clover • 10% Eco-Till™ Radish

• Rapid establishment to prevent wind and water erosion.
• Recycles nutrients that would have been lost to leaching or runoff.
• Fixes atmospheric nitrogen to increase soil nitrogen levels.
• Improves soil permeability for increased air and water penetration, reduces soil compaction and increases root development potential.
• Best used prior to corn, wheat or other crops requiring significant nitrogen inputs.
• Potential forage for fall and spring grazing, spring silage or hay.
• Seed Rate: 50 lbs. per acre

SW-RYC

60% Fria Annual Ryegrass • 40% Crimson Clover

• Rapid establishment to prevent wind and water erosion.
• Improves soil permeability for increased air and water penetration, reduces soil compaction and increases root development potential.
• Fixes atmospheric nitrogen to increase soil nitrogen levels.
• Potential forage for fall and spring grazing, spring silage or hay.
• Seed Rate: 25 lbs. per acre

SW-TRY

80% Triticale • 20% Fria Annual Ryegrass

• All grass mix.
• Excellent forage for fall and spring grazing.
• Improves soil tilth which can benefit any crop that follows.
• Rapid establishment to prevent wind and water erosion.
• Seed Rate: 100 lbs. per acre

*Cover crop mixture varieties may be substituted subject to availability.*
DAIKON RADISH

Eco-Till™ radish is a true variety that ensures consistency and produces more root mass than turnips or mustards. This extra large root system allows Eco-Till™ to pull nitrogen and other nutrients from deep within the soil and bring them back to the surface. Upon decomposition, the nitrogen and other nutrients become available to the next cash crop. Eco-Till™ radish reduces soil compaction and increases soil organic matter. Seeding rate 8-15 lbs./acre alone, and 2-7 lbs./acre in mixes.

CRIMSON CLOVER

Crimson clover is an annual clover that has erect stems, grows more quickly and has larger seeds than the more commonly used red clover. Crimson clover's primary advantages are rapid growth during cool weather and shade tolerance. Crimson clover can be planted early in the spring or fall for weed control, overseeded in corn at second cultivation or in soybeans at leaf drop. Because of its shade tolerance, crimson clover is also effective as a living ground cover in orchards. Crimson clover has been used effectively to suppress weeds when planted in the early fall, following a short-season crop such as potatoes, snap beans, vegetables or following winter wheat. Planting with a grass or cereal gives additional weed control in these situations. Seeding rate 20-30 lbs./acre alone, and 5-10 lbs./acre in mixes.

PHACELIA

Phacelia is native to the United States but was adopted and improved by Europeans for use as a cover crop. Phacelia is quick to establish and will winter kill at 18˚ F. Phacelia is an excellent source of high quality nectar and pollen which increases the population and diversity of beneficial insects. Phacelia will begin to flower 6-8 weeks after emergence and will continue to flower for 4-6 weeks. Phacelia is comparable to buckwheat in many ways, but is more tolerant to cold and drought. Phacelia can also be used for forage, a green manure crop, nematode control and a nitrogen trap crop. Seeding rate 7-18 lbs./acre alone, and 5-9 lbs./acre in mixes.

SUNN HEMP

Sunn Hemp is typically utilized as a green manure crop due to its nitrogen accumulation along with high fiber content. The large amount of biomass that is produced can be used as a nontoxic forage source for animals. Sunn hemp has a vigorous growth habit and is somewhat drought tolerant giving it the opportunity to thrive under various soil and environmental situations. Its value as a cover crop is due to its biomass production, N accumulation, reduced pest and pathogen infestations and weed suppression. Residue can be very fibrous. Seeding rate 30-50 lbs./acre alone, and 10-20 lbs./acre in mixes.
Buckwheat, when used as a cover crop, can reduce both the emergence and growth of weeds, thereby providing an easy and economical alternative to herbicides. Buckwheat is a short-duration, broad-leaved, annual species which provides effective weed suppression due to its rapid early growth that establishes a canopy faster than many weeds. Residue breaks down easily. Seeding rate 50-60 lbs./acre alone, and 5-10 lbs./acre in mixes.

Purple Bounty is a winter hardy, early maturing hairy vetch variety developed for high nitrogen fixation, increased biomass for a thicker mulch and earlier flowering for more flexibility in planting succeeding crops. Hairy vetch forms ground cover slowly in the fall, but root development continues throughout the winter with substantial biomass production in the spring. For best results, Purple Bounty should be in full bloom to allow for peak nitrogen contribution and to mow, roll or spray for maximum vetch kill. Spring oats or winter grains can also be planted with Purple Bounty to act as a protective cover for improved winter survival and increased erosion control. Purple Bounty is an excellent cover crop for nitrogen fixation, erosion control, biomass, and weed suppression. Seeding rate 20-30 lbs./acre alone, and 10 lbs./acre in mixes.

Triticale is a true breeding small forage grain developed initially from the hybridization of wheat and rye. The name ‘triticale’ is derived from the combined scientific names of the two crop species wheat and rye. The versatility that triticale offers as forage, straw and cover crop, adds to the economic viability that sustains the interest in this crop. Seeding rate 90-120 lbs./acre alone, and 40-90 lbs./acre in mixes.

Oats are very versatile as they can be planted during various times of the season and used as an excellent cover and forage crop. Oats work well alone, but especially well in mixes with radishes, turnips, berseem clover, crimson clover and Austrian winter peas. Oats perform well for erosion control and are very good nutrient scavengers. Oats (and mixes with radishes or turnips) work very well for manure nutrient management. Seeding rate 64-120 lbs./acre alone, and 20-90 lbs./acre in mixes.

SEEDWAY, LLC cover crops can be custom blended into mixes to fit the needs and demands of your particular operation.

Call your SEEDWAY Office, Territory Field Manager, or Retail Field Manager today for details.
## COVER CROP RECOMMENDATIONS FOR A SPECIFIC USE

<table>
<thead>
<tr>
<th>For Specific Purpose</th>
<th>SW-PR</th>
<th>SW-POR</th>
<th>SW-TCR</th>
<th>SW-RyR</th>
<th>SW-RyC</th>
<th>SW-TRy</th>
<th>Daikon Radish</th>
<th>Brassicas</th>
<th>Buckwheat</th>
<th>Winter Peas</th>
<th>Cereal Rye</th>
<th>Annual Ryegrass</th>
<th>Oats</th>
<th>Triticale</th>
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**Key:**
- X: Recommended
- No symbol: Not recommended

**Notes:**
- Organic Matter: Recommended for adding organic matter to the soil.
- Nitrogen Fixation: Recommended for nitrogen fixation.
- Nutrient Recapture: Recommended for nutrient recapture.
- Requires No Herbicide To Kill: Recommended for use without herbicides.
- Reduce Soil Compaction: Recommended for reducing soil compaction.
- Quick Forage/Grazing: Recommended for quick forage or grazing.
- Droughty Soils: Recommended for droughty soils.
- Hay Crop: Recommended for hay production.
- Weed Control: Recommended for controlling weeds.
- Enhance No-Till: Recommended for enhancing no-till practices.
- Prevent Soil Erosion: Recommended for preventing soil erosion.
- Tolerate Wet Soils: Recommended for tolerating wet soils.
- Cold Tolerant: Recommended for cold tolerance.
- Nurse Crop: Recommended for being a nurse crop.
- Broadcast Seeding: Recommended for broadcast seeding.

**Seeding Rate Alone:**
- 25#/A: 25 pounds per acre
- 50#/A: 50 pounds per acre
- 100#/A: 100 pounds per acre
- 2-8#/A: 2 to 8 pounds per acre
- 5-10#/A: 5 to 10 pounds per acre
- 20-30#/A: 20 to 30 pounds per acre
- 60-90#/A: 60 to 90 pounds per acre
- 15-20#/A: 15 to 20 pounds per acre
- 30-40#/A: 30 to 40 pounds per acre
- 64-120#/A: 64 to 120 pounds per acre
- 7-15#/A: 7 to 15 pounds per acre
- 90-120#/A: 90 to 120 pounds per acre
- 10-20#/A: 10 to 20 pounds per acre

**Seeding Rate In Mix:**
- 2-7#/A: 2 to 7 pounds per acre
- 2-6#/A: 2 to 6 pounds per acre
- 5-10#/A: 5 to 10 pounds per acre
- 20-30#/A: 20 to 30 pounds per acre
- 60-90#/A: 60 to 90 pounds per acre
- 15-20#/A: 15 to 20 pounds per acre
- 40-90#/A: 40 to 90 pounds per acre
- 5-10#/A: 5 to 10 pounds per acre
- 10#/A: 10 pounds per acre
- 5-9#/A: 5 to 9 pounds per acre
- 10-20#/A: 10 to 20 pounds per acre

**Seeding Depth:**
- 1/4", 1/2": 1/4 inch to 1/2 inch
- 1/4", 1/2": 1/4 inch to 1/2 inch
- 1/4", 1/2": 1/4 inch to 1/2 inch
- 1/4", 1/2": 1/4 inch to 1/2 inch
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- 1/4", 1/2": 1/4 inch to 1/2 inch
POLLINATOR MIXES

Honey bees and other beneficial pollinators are responsible for the pollination of our crops and vegetables. With the decline in population of pollinators, it is our responsibility to help provide the habitat needed to ensure that pollinators succeed. SEEDWAY, LLC has three pollinator mixtures available to help provide that beneficial habitat.

SW ANNUAL POLLINATOR MIX

Annual Pollinator Mix

SW Annual Pollinator Mix is formulated to be a beneficial pollinator mix, but an excellent cover crop mix that will build the soil with nitrogen and organic matter. Since the mix is annual, timing is important for proper planting time and should be sown early enough to have bloom for the pollinator species. Spring planting or early fall is ideal. Seed at 25-30 lbs. per acre.

EASTERN POLLINATOR MIX

Annual/Perennial Pollinator Mix

Formulated for the eastern United States and southeast Canada where pollinator conservation is desired. Best times to plant are spring, early summer, and fall. Seed at 11-22 lbs. per acre.

MONARCH BUTTERFLY MIX

Annual/Perennial Pollinator Mix

This mixture is composed of nectar producing flowers for adult butterflies as well as milkweed which will provide egg-laying sites and food for monarch caterpillars. Plant in spring, early summer, and fall. Seed at 11-22 lbs. per acre.

Eastern Pollinator Mix

Monarch Butterfly Mix
INOCULANTS

SILAGE INOCULANT

The main purpose for feeding ensiled forages is to preserve and recover organic dry matter, while retaining nutritional value and palatability.

Ensiled forages account for the majority of most dairy rations around the world. The main purpose for feeding ensiled forages is to preserve and recover organic dry matter, while retaining nutritional value and palatability. Proper or improved silage management can have a significant impact on the overall profitability of the dairy.

THE NUTRIENT SCORECARD™

The difference between a dairy operation and a smarter dairy farm operation is often the ability to collect data, analyze it, and then act on insights. CHR Hansen has the tools to help you get the most out of data analysis so you can improve starch and fiber digestion, minimize forage loss, and increase bottom line profitability. We call it “The Nutrient Scorecard™.” This program gives farmers a scientific scorecard summary of the status of their silage and their herds nutritional performance, along with recommendations for improving milk production and herd digestion. With The Nutrient Scorecard™ you will know the score and can identify specific problems. It gives you the data and insights you need to make measurable improvements in your operations.

FUNGAL CONTROL

Heating of silage largely due to the growth of yeast and mold is problematic for feed out. Certain molds produce harmful mycotoxins which may compromise production & health of animals. Another challenge could be feed shortage, forcing farmers to initiate feed out well in advance of the optimum 90 days of fermentation. This is problematic as it will not allow the silage to reach a stable stage. The risk of heating & loss of valuable nutrients may jeopardize milk production & could lead to a severe economic impact.

Benefits

- Excellent fermentation and aerobic stability obtained even at early feed out
- Fast growing and competitive lactic acid bacteria that dominate and control the fermentation
- Oxygen scavenging ability

*Crops

- Haylage
- Small Grain Silage
- Corn Silage
- HMSC/ HMEC
- Earlage & Snaplage

*Available in a 200g canister (100tt) or 1000g canister (500tt)
INOCULANTS

SILAGE INOCULANT

**SILOSOLVE® MC**

MICROBIAL CONTROL
Clostridia grow in wet silage when there is a lack of oxygen. Growth of clostridia leads to breakdown of protein and butyric-acid production. Silage with clostridia has a strong butyric-acid smell and elevated pH, which can reduce palatability. SILOSOLVE® MC contains three strains of lactic-acid bacteria. One patented strain reduces undesirable micro-organisms such as clostridia. The others improve overall fermentation.

*Available in a 200g canister (100tt) or 1000g canister (500tt)*

**Benefits**
- Reduced clostridial fermentation
- Improved dry matter recovery
- Improved fermentation and digestibility
- Reduced ammonia and protein degradation
- Improved palatability

**Crops**
- Haylage
- Small Grain Silage
- Corn Silage

**Biomax®**

Biomax® is a versatile inoculant to enhance fermentation and reduce spoilage organisms. Contains the well-proven Lactobacillus plantarum CH6072 from our Biomax® and SiloSolve® brands, and features enhanced acidification from Lactobacillus plantarum LSI. In addition we have included Pediococcus pentosaceus P6 to speed the fermentation process.

*Available in a 500g canister (500tt)*

**Benefits**
- Improves fermentation
- Performs exceptionally well in corn silage
- Inhibits a range of yeasts and molds

**Crops**
- Corn Silage
- HMSC/ HMEC
- Earlage
- Snaplage

For Additional Information Contact Your Territory Field Manager, Retail Field Manager, or SEEDWAY Office Today.