



HALL, NY 800-836-3710

SHOREHAM, VT 888-863-9099

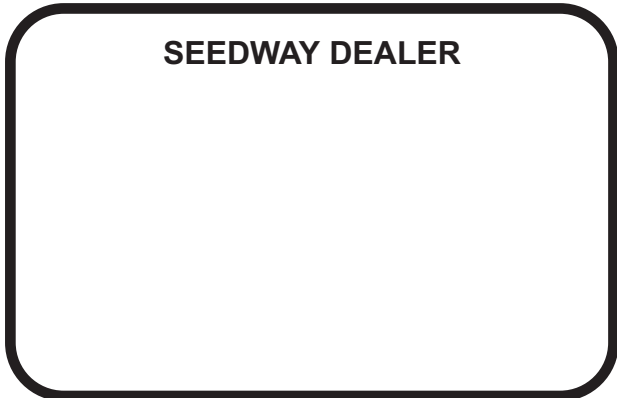
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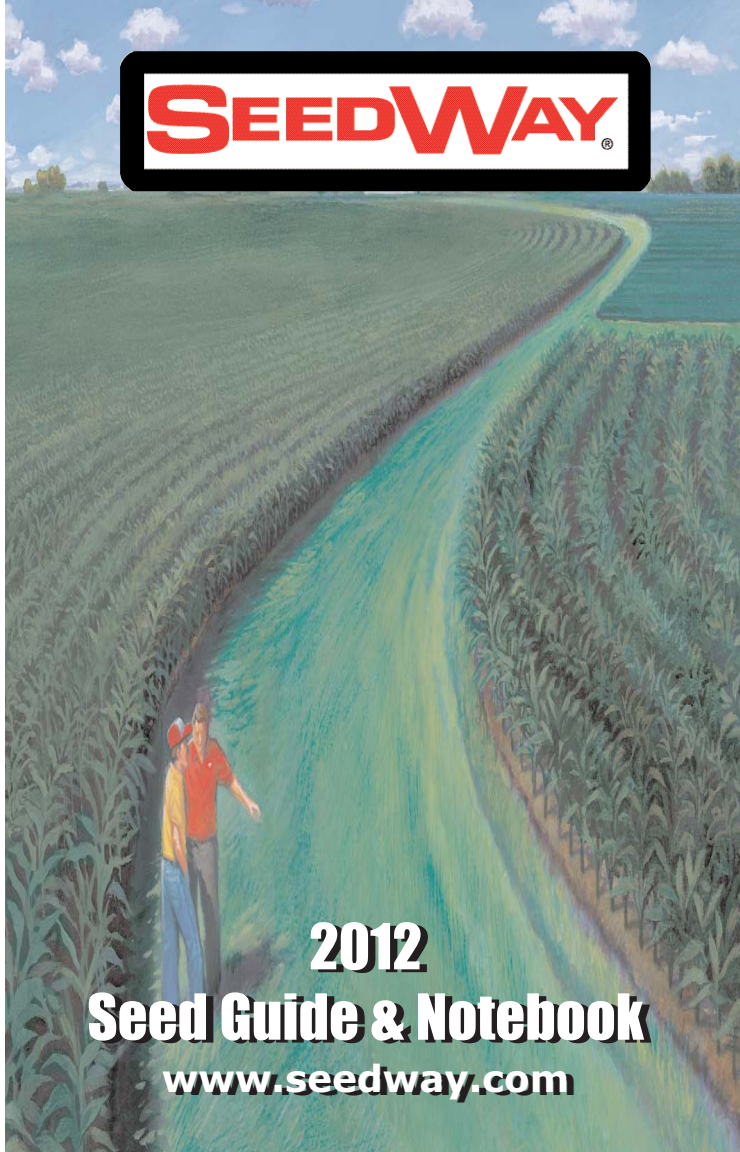
ELIZABETHTOWN, PA 800-952-7333

(vegetable seed)

www.seedway.com



SEEDWAY DEALER



2012
Seed Guide & Notebook
www.seedway.com

LIMITED WARRANTY

SEEDWAY, LLC warrants for one year from the date of sale that the seeds and plants sold conform to the label description, as required by state and federal seed laws.

SEEDWAY, LLC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, WHICH EXTEND BEYOND THE LABEL DESCRIPTION.

LIABILITY FOR DAMAGES FROM ANY CAUSE, INCLUDING BUT NOT LIMITED TO, BREACH OF WARRANTY OR NEGLIGENCE, WITH RESPECT TO SUCH SEEDS OR PLANTS IS LIMITED TO A REFUND OF THE PURCHASE PRICE.

THIS REMEDY IS EXCLUSIVE. SHOULD PURCHASER WISH TO OBTAIN DIFFERENT RIGHTS THAN SET FORTH HEREIN, IT MAY NEGOTIATE WITH SEEDWAY TO OBTAIN SUCH ADDITIONAL RIGHTS AT AN INCREASE IN THE PURCHASE PRICE OF THE SEEDS OR PLANTS. IN NO EVENT SHALL SEEDWAY, LLC BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS.

ANY CONTROVERSY OR CLAIM ARISING OUT OF THIS SALE SHALL BE SETTLED BY ARBITRATION, IN SYRACUSE, NEW YORK, IN ACCORDANCE WITH THE RULES OF THE AMERICAN ARBITRATION ASSOCIATION, AND THE DECISION OF THE ARBITRATORS SHALL BE FINAL AND BINDING UPON BOTH PARTIES, AND ANY JUDGEMENT UPON ANY AWARD RENDERED MAY BE ENTERED IN ANY COURT HAVING COMPETENT JURISDICTION. ANY ARBITRATION PROCEEDING OR OTHER CLAIM MUST BE BROUGHT IN CONNECTION WITH THIS TRANSACTION WITHIN ONE (1) YEAR AFTER THE GOODS ARE SOLD.

THIS AGREEMENT 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, UPON THIRTY (30) DAYS NOTICE BY REGULAR MAIL.

By acceptance of the seeds or plants, purchaser acknowledges the terms of this limited warranty and limitation on damages and remedy. The terms of this limited warranty constitute the entire agreement between the parties regarding the sale of seeds or plants.

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FORAGE PRODUCTS

FARM SCIENCE GENETICS® 2012

Premium forage products
exclusively from SEEDWAY.

Providing Northeast and Mid-Atlantic growers with industry-leading forage genetics in regionally adapted varieties.

FARM SCIENCE GENETICS forage grasses featured in this seed guide have been selected for no or negligible endophyte (animal friendly).

Look for the ***FARM SCIENCE GENETICS*** logo throughout this seed guide denoting superior forage varieties.

SEED ENHANCEMENT



All-Vantage® Advanced Seed Treatment

- > Benefits seed germination and stand establishment.
- > Maintains high rhizobium numbers next to the seed.
- > Maximizes performance of the seed treatment.
- > Reduced dust-off. Complete safety in handling.
- > Improves seed flowability. Glowing gold color.
- > **Superior polymer, Adhere™ 108, uniform coverage.**
- > **Same seeding rate as conventionally treated seed.**

All-Vantage Stand Assurance. *All-Vantage treated SEEDWAY proprietary alfalfa, Farm Science Genetics (FSG) alfalfa and premium alfalfa mixes carry a stand establishment assurance assuring a viable stand given certain conditions are met. SEEDWAY's stand establishment assurance extends only to replacement of seed if conditions are met. Contact your SEEDWAY dealer or location for more details.*



AquaBond™ Seed Enhancement Package

- > Two-part seed coating and treatment package.
- > **Long-lasting water-absorbing polymer.**
- > Stores 200 times its weight in water.
- > Bonds to available water and releases it to seed as needed.
- > Improves germination & seedling growth during dry spells.
- > Non-toxic, safe and economical to use.
- > **Nutri-Start™ micronutrient package.**
- > Aids germination and emergence.
- > Manganese: photosynthesis, respiration, N metabolism.
- > Zinc: growth activation, enhances plant's natural defense.
- > Iron: chlorophyll formation, catalyst for other nutrients.
- > **Adhere™ 108 polymer ensures treatment stays on seed.**

ALFALFA

REGEN ALFALFA

FARM SCIENCE GENETICS® Developed by Cornell University. Top yield potential.

Superior adaptation to the Northeast. Seedling vigor and forage quality. Ability to develop new branch roots following damage or stress to the main tap root from wheel traffic, weather, insects and disease. Excellent winter hardiness.

Fall dormancy 3, 3-4 cut management.



N-R-Gee ALFALFA

FARM SCIENCE GENETICS® Developed by Cornell University. **High-quality and high dry matter digestibility.**

Yield potential and quality! Root regeneration ability and good disease package. *Fall dormancy 4, 3-4 cut management.*



EZRA ALFALFA

FARM SCIENCE GENETICS® Developed by Cornell University. Stable, reliable, work horse

variety with dependable yield and forage quality performance. Persistence and good disease resistance. Root-branching ability provides flexibility to tolerate wetter soils.

Fall dormancy 3, 3-4 cut management.



ALFALFA

FSG 329 ALFALFA

FARM SCIENCE GENETICS® Excellent forage yield potential and quality. High multifoliate leaf expression. High resistance to all major alfalfa diseases. Persistent and widely adapted. *Fall dormancy 3, 3-4 cut management.*



FSG 406 ALFALFA

FARM SCIENCE GENETICS® Exceptional yield potential and superior forage quality. High multi-foliate leaf expression. Outstanding winter hardiness and stand persistence. Very fast recovery after cutting. Performs well over a wide range of environments. *Fall dormancy 4, 3-4 cut.*



FSG 408DP ALFALFA

FARM SCIENCE GENETICS® Dual Purpose, hay production or grazing. Wide, deep-set crowns help insulate crown from severe weather, wheel traffic and grazing. Superior winter hardiness and persistence. High hay yield potential and good forage quality. Excellent disease and insect resistance. *Fall dormancy 4, 3-4 cut.*



ALFALFA

FSG 420LH ALFALFA

FARM SCIENCE GENETICS® Very high resistance to Potato Leafhopper. Possesses high resistance to major alfalfa diseases. Excellent yield potential and great forage quality. Later fall dormancy with excellent winter-hardiness. *Fall dormancy 4, 3-4 cut management.*



FSG 505 ALFALFA

FARM SCIENCE GENETICS® Yield potential and forage quality. Very fast recovery after cutting, improved winter hardiness and persistence. Excellent disease and pest resistance. Widely adapted. *Fall dormancy 5, 3-5 cut.*



FSG 528SF ALFALFA

FARM SCIENCE GENETICS® High yield potential. **Standfast™ technology with very fast recovery after harvest and improved standability through mid-bloom.** Good winter survival. Good performance in northern regions. Multi-foliolate leaf expression and resistance to all major alfalfa diseases. *Fall dormancy 5, 3-5 cut management.*



ALFALFA DISEASE RESISTANCE

VARIETY	FALL DORMANCY	BACTERIAL WILT	VERT WILT	FUSARIUM WILT	ANTHRAC-NOSE	PHYTOP ROOT ROT
EZRA	3	R	R	HR	HR	R
REGEN	3	R	HR	HR	HR	R
N-R-Gee	4	HR	HR	HR	R	R
FSG 329	3	HR	HR	HR	HR	HR
FSG 406	4	HR	HR	HR	HR	HR
FSG 408DP	4	HR	R	HR	HR	HR
FSG 420LH	4	HR	HR	HR	HR	HR
FSG 505	5	HR	HR	HR	HR	HR
FSG 528SF	5	HR	HR	HR	HR	R

TREFOIL • CLOVER

PARDEE TREFOIL

FARM SCIENCE GENETICS[®] Cornell Univ. release named in honor of professor of plant breeding, William "Bill" Pardee. Outstanding yield potential. Persistence and resistance to Fusarium wilt. Earlier than Norcen and Viking, upright, vigorous-growing hay type. Good for long term rotations and may have a place in snout beetle infested areas where alfalfa will not survive. *Cut no lower than five inches to ensure good stand health and persistence.*



✓ **NEW** CRUSADE WHITE CLOVER

FARM SCIENCE GENETICS[®] Developed for enhanced plant productivity and health. Leafy and nutritious. Superior growth potential. Early and vigorous flowering. Improved winter growth, extended grazing potential during colder months. Good disease resistance.



PINNACLE LADINO CLOVER

FARM SCIENCE GENETICS[®] High yield potential. Excellent seedling vigor and stolon activity. Resists leaf diseases and field viruses. Superior persistence. Drought tolerant, widely adapted, ideal for pastures.



FSG 9601 RED CLOVER

FARM SCIENCE GENETICS[®] 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.



TIMOTHY • BROMEGRASS

CREST TIMOTHY

FARM SCIENCE GENETICS® Medium-late maturity. Significant forage yield advantage over Climax. Excellent spring vigor and plant health. Strong summer regrowth after cutting. Very winter-hardy and palatable. Excellent with legumes and where later hay harvests are required due to wet soil conditions.



SUMMIT TIMOTHY

FARM SCIENCE GENETICS® Superior for hay or grazing. Early maturing, leafy, great palatability, improved summer growth. Works well in pure stands or with legumes. Excellent spring vigor. Winter hardy.



PEAK SMOOTH BROMEGRASS

FARM SCIENCE GENETICS® Cornell University developed. Earlier maturity with higher yield potential than Saratoga. High forage yield, especially after first cutting. Named after Cornell University plant breeder Dr. Royse "Peak" Murphy.



✓ **NEW**

MACBETH SMOOTH BROMEGRASS

For pasture, hay and haylage. High yield potential and highly palatable. Strong summer growth. Very winter hardy. Rapid recovery and regrowth after cutting or grazing.

TIMOTHY CHARACTERISTICS

VARIETY	MATURITY	CUTTING MANAGEMENT	YIELD POTENTIAL	LODGING RESISTANCE	PLANT VIGOR
SUMMIT	Early	3 - 4	High	Good	Excellent
CLIMAX	Medium	2 - 3	Medium	Good	Good
CREST	Med-Late	3 - 4	High	Good	Excellent
COMTAL	Late	1 - 2	Medium	Good	Good

ORCHARDGRASS

BOUNTY ORCHARDGRASS

FARM SCIENCE GENETICS® Early maturity variety with outstanding yield potential. Bounty is ideal for hay production or use in pastures. Excellent plant vigor, quick recovery after cutting and great palatability. Drought tolerance and stem rust resistance. Use in straight stands or grass and legume mixtures. **Excellent for grazing!**



SWF955 “EASY SOW”

FARM SCIENCE GENETICS® Hulled orchardgrass with the same characteristics as standard orchardgrass, but without the seed hulls making it much easier to mix with alfalfa or other small seeds. Medium maturity. **Best choice for air or hydro-seeding.**



SWF988 “EASY SOW”

FARM SCIENCE GENETICS® Hulled orchardgrass with the same characteristics as standard orchardgrass, but without the seed hulls making it much easier to mix with alfalfa or other small seeds. Late maturity. **Best choice for air or hydro-seeding.**

✓ **NEW**



EXTEND ORCHARDGRASS

FARM SCIENCE GENETICS® 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. All-Vantage® treated. Use in pure stands or grass and legume mixtures. **Available “Easy Sow” hulled, best choice for air or hydro-seeding.**



RYEGRASS

PRINCE BRAND NEW

INTERMEDIATE RYEGRASS FARM SCIENCE GENETICS®



Tetraploid with perennial growth habit. Hybrid between annual ryegrass and perennial ryegrass possessing the positive characteristics of both species. Rapid establishment, outstanding seedling vigor and good persistence. High forage quality and excellent digestibility. Disease resistant with superior summer yield potential. Adapted for hay, silage and grazing. Traffic resistant, good grazing tolerance. Flexibility to use alone or in mixtures with other grasses and legumes. **PRINCE BRAND** is ideal to increase forage productivity for spring or fall over-seeding of thinning pasture and alfalfa stands.

DH3 RYEGRASS

FARM SCIENCE GENETICS®



Endophyte-free ANNUAL diploid. Medium maturity, quick establishment, high yield potential, consistent performance through the season. Excellent palatability, improved cold tolerance and good crown rust resistance.

BOOST RYEGRASS

FARM SCIENCE GENETICS®



Endophyte-free PERENNIAL tetraploid. Rapid production of high-quality forage. **Superior yield potential for perennial rye.** Highly palatable, digestible and nutritious. Improved disease resistance. Pastures or silage. Great seedling vigor and stand establishment. Excellent fall grazing and superior early spring production.

FORAGE GRASSES

ENHANCE TALL FESCUE

FARM SCIENCE GENETICS®

Endophyte-free, high yield potential, very good persistence, drought tolerance, better summer growth. Maintains nutrient content better than other cool season grasses. Excellent for pasture and hay production. Widely adapted. Works in pure stands or with legumes. Performs on a wide range of soil types and pH levels.



GAIN FESTULOLIUM

FARM SCIENCE GENETICS®

Great yield potential for 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 hybrid.



RIVAL REED CANARYGRASS

Winter hardy, upright growth, good spring vigor, solid disease resistance and tryptamine alkaloid free. Good palatability, intake and nutrition. Adapted to range of soils.

www.seedway.com

GROUNDHOG RADISH

FOR SOIL IMPROVEMENT. More root mass than oil seed radish or mustard. Pulls nutrients from soil making them available to next crop. Good weed suppression, soil aeration, compaction alleviation and water infiltration. Fall-planted. *Seed at 10-12 lbs.* **Plant with PURPLE BOUNTY hairy vetch for a two-phase approach to soil improvement and nitrogen fixation.**

PURPLE BOUNTY HAIRY VETCH

Early-maturing, winter-hardy, cover crop capable of fixing 50% of subsequent crop's nitrogen needs. Increased biomass, thicker mulch, earlier flowering, flexibility in planting succeeding crop. Fall-planted. *Seed at 20-25 lbs.* **Plant with GROUNDHOG radish for a two-phase approach to soil improvement and nitrogen fixation..**

OVN

ORCHARD-VINEYARD-NURSERY MIX

For low maintenance areas. Slow regrowth after mowing and horizontal growth pattern. Very winter hardy and wear tolerant. Protects against soil erosion and suppresses weed growth. *Seed at 40-75 lbs. per acre.*

SPECIAL FORAGE MIXTURES

FEATURES	PARTNER Brand <i>Oat and Pea</i>	DOUBLE SS <i>Soybean and Sorg x Sudan bmr hybrid</i>
MATURITY	Medium	Medium - Late
DRY MATTER YIELD	Excellent	Excellent
RELATIVE HEIGHT	Medium - Tall	Tall
FORAGE QUALITY	Very Good	Very Good
DROUGHT TOLERANCE	Good	Excellent
COMPANION SEEDING	Excellent	No
SEED DURABILITY	Very Good	Good
PLANTING SEASON	Spring	Early Summer

FORAGE MIXTURES

SEEDWAY 100 LONG TERM STANDS

75% SEEDWAY Premium Alfalfa Variety
25% Premium Timothy Variety

SEEDWAY 150 PREMIUM FORAGE

85% SEEDWAY Premium Alfalfa Variety
15% Premium Timothy Variety

SEEDWAY 200 VARIABLE DRAINAGE

50% SEEDWAY Premium Alfalfa Variety
30% Premium Timothy Variety
20% Pardee Trefoil

SEEDWAY 250 VARIABLE SOILS

65% SEEDWAY Premium Alfalfa Variety
25% Rival Reed Canarygrass
10% Premium Timothy Variety

SEEDWAY 300 WET SOILS

60% Pardee Trefoil
40% Premium Timothy Variety

Seed mixes 100-300 at 20 lbs. per acre

Custom mixes available with an additional mix charge for those desiring specific varieties or different mix ratios.

All varieties subject to change based on availability.

FORAGE MIXTURES

SEEDWAY 400 CLOVER MIX

60%	FSG 9601 Red Clover
40%	Summit Timothy

SEEDWAY 450 VALUE MIX

50%	Alfalfa
35%	Climax Timothy
15%	Medium Red Clover

Seed mixes 400-450 at 18 lbs. per acre

The varieties listed may be substituted with comparable varieties based on availability.

TAR MIX NO 1* GENERAL USE

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

Seed at 15 lbs. per acre

***WARNING** 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.**

PASTURE MIXTURES

PRO DAIRY PASTURE MIX

FARM SCIENCE GENETICS® Blend formulated to maximize the performance of dairy cattle. Special blend of grasses and clovers provide a balance of yield, nutrition, stand persistence and disease resistance. Optimizes animal performance. Mixture of orchardgrass, timothy, ladino clover, alfalfa, perennial ryegrass, festulolium and red clover.



PRO HORSE PASTURE MIX

FARM SCIENCE GENETICS® Forage blend formulated to meet the special nutritional needs of horses, while withstanding intense grazing pressure. Unique mixture of orchardgrass, ladino clover, timothy, perennial ryegrass, forage Kentucky bluegrass.



PRO BEEF PASTURE MIXTURE

FARM SCIENCE GENETICS® Created to meet the needs of beef producers who want to optimize animal performance and maximize per acre return. High quality ingredients blended in the proper ratios to maximize pasture production and quality. Premium mixture of tall fescue, orchardgrass, timothy, ladino clover and perennial ryegrass.



Visit **SEEDWAY** at
www.seedway.com

SORGHUM x SUDANGRASS

SORGHUM AND SORGHUM x SUDANGRASS, SHOULD BE SEEDED WHEN THE SOIL HAS WARMED TO AT LEAST 60 DEGREES

GRAZE-ALL ✓ NEW

HYBRID SORGHUM x SUDANGRASS

Small seeded. Thin, highly palatable stems. Very fast regrowth after cutting. Dark green. Green Top trait allows further elongation of the plant. Higher populations for finer-stemmed forage, which dries faster with higher quality.

FSG 208 BMR*

HYBRID SORGHUM x SUDANGRASS

Exceptional palatability and digestibility. Excellent vigor and drought tolerance. Superior regrowth. For silage, hay or grazing. **MS 202 BMR available - call.**



PRO-MAX BMR*

BMR LOW-LIGNIN HYBRID SUDANGRASS

True sudangrass with the BMR trait. The next level in high-quality summer forage for direct pasture or hay production. Reduced lignin content, improved digestibility, greater animal preference and improved animal performance.

BOVINE BOUNTY 234

LEAFY BMR SORGHUM SUDANGRASS

High yield potential Brown Mid Rib sorghum x sudan hybrid with Brachytic Dwarf trait for maximum leaf area and standability. High leaf-to-stem ratio. Despite being shorter, has the potential to yield with or above other hybrids. Shortened internodes allow closer cutting or grazing height. *Seed at 10-30 lbs. per acre.*

FORAGE SORGHUM • GRAINS

SORGHUM AND SORGHUM x SUDANGRASS, SHOULD BE SEEDED
WHEN THE SOIL HAS WARMED TO AT LEAST 60 DEGREES

COW VITTLES II*

HYBRID FORAGE SORGHUM

Conventional hybrid with high yield potential.

Dense, lush leaf type with a large grain head. High grain to fodder ratio. Medium plant height, growing to 5-7 feet.



BMR-106*

HYBRID FORAGE SORGHUM

Brown midrib, high quality forage, reduced

lignin improves digestibility. High yield potential, early vigor and good drought tolerance. Harvest 100 days after planting.



***Feed Warning** (1) Avoid large nitrogen applications prior to expected drought periods. (2) 2,4-D can increase Prussic Acid concentration for several weeks after application. (3) Do not harvest drought damaged plants within 4 days following a good rain. (4) Allow at least 7 days after a killing frost before chopping. (5) Cut at a higher stubble height, nitrates tend to accumulate in the lower stalk. (6) Wait 6 weeks before feeding silage to allow Prussic Acid enough time to escape.

TRICAL® 336

FORAGE WINTER TRITICALE

Cross of wheat and rye. Used for grazing, silage and bleached straw. When cut for silage in spring, offers superior yield and forage quality compared to wheat or rye.

JERRY

FORAGE OATS

Dual-purpose, can be grown for forage or grain. Forage yield and quality is better than current grain varieties planted for forage.

GRAIN SORGHUM

FSG 116 EARLY MATURITY

FARM SCIENCE GENETICS®

- > Red colored grain, semi-open head
- > Exceptional yield performance
- > Excellent early vigor
- > Plant height 36 to 42 inches



FSG 255C EARLY-MED MAT.

FARM SCIENCE GENETICS®

- > Cream colored grain, semi-open head
- > High yield potential
- > Excellent early vigor
- > Plant height 41 to 44 inches



FSG 421 MEDIUM MATURITY

FARM SCIENCE GENETICS®

- > Bronze colored grain, semi-open head
- > Outstanding yield potential
- > Excellent standability and early vigor
- > Plant height 44 to 48 inches



FSG 541 MEDIUM-LATE MAT.

FARM SCIENCE GENETICS®

- > Bronze colored grain
- > Excellent vigor
- > Plant height 44 to 51 inches



All SR grain sorghums are Concep treated.

TREATMENT

LATTITUDE™

SEED CORN INSECTICIDE AND FUNGICIDE

Hopper box applied. Outstanding protection from wireworms, white grubs, seed corn maggots, seed corn beetles, flea beetles (up to first true leaf) and imported fire ants. Contains Gaucho[®] insecticide. Added protection from Pythium and other seed / seedling diseases from two systemic fungicides. Excellent seed and crop safety. Use for seed corn, sweet corn and popcorn. *Packaged in 1.5 ounce canisters, treats 42 pounds of seed. 4 lb. packs available.*



SOYBEAN TREATMENT

CruiserMaxx[®] Beans offer excellent insect and disease protection for increased vigor, stand, speed to canopy and yield. AVAILABLE ONLY PRE-APPLIED. **Contact your SEEDWAY dealer for information.**

**Visit SEEDWAY at
www.seedway.com**

SILAGE INOCULANT

BIOTAL® BUCHNERI 500

CORN SILAGE, HAYLAGE, SMALL GRAIN SILAGE

Powerful duo of the superior mold inhibitor **Buchneri**, with the fast pH drop of Biotal's patented lactic acid producing bacteria. Protection from reduced spoilage and improved silage quality. Helps produce forage with less heating and lower levels of spoilage yeasts and molds. Less waste, higher intake, better quality of forage, extended bunk life. Performs well on corn and cereal silages, haylage and baleage, alfalfa and grass hays, high moisture corn and cereal grains. *400g pack treats 50 tons of silage, 32 tons of high moisture corn or grain.*

BIOTAL® PLUS II

GRASS, LEGUME, GRAIN & WHOLE CROP SILAGE

Combines Biotal's elite lactic acid producer, enzyme formulation and proprionic acid producing bacterium. Eliminates bacteria that cause spoilage and the yeasts and molds that cause pH drift, heating and severe spoilage losses. Improved aerobic stability, less heating and waste, reduced in-silo losses, higher intakes, improved digestibility and increased profitability. *Liquid packet treats 200 tons. 50 lb. granular bag treats 100 tons.*

PROPRIONIC ACID

LIQUID OR DRY

Safe, effective, economical treatment of corn silage, baled hay, high-moisture corn, processed feeds and TMR mixes. Helps prevent spoilage losses in forage and feed. Propionic acid helps restrict heating in stored forages and reduce dry matter and energy losses. *Liquid in 450 lb. drum and 250 lb. tote. Dry in 50 lb. bag.*

INOCULANT

CELL-TECH®

LIQUID SOYBEAN INOCULANT

Provides maximum nodulation and yield enhancement. Use in all types of planters. Adheres to seed. *50 unit size.*

N-TAKE

LIQUID SOYBEAN INOCULANT

Seed-applied or in-furrow. Excellent yield response, one of the highest bacteria counts (1.1 million rhizobia/seed). Helps proper nodulation. *50 and 200 unit sizes.*

HUMUS BASED

SEED INOCULATION

Peat / humus based inoculants for many crops, including forages, beans, peas and more.

OPTIMIZE™

LIQUID SOYBEAN GROWTH PROMOTER

Improves early vigor, stand and yield potential. Helps provide enhanced root system and earlier canopy closure. Stimulates nodulation and symbiotic nitrogen fixation. AVAILABLE ONLY PRE-APPLIED. ***Get your soybeans pre-inoculated with Optimize by SEEDWAY!***

www.seedway.com

SEEDWAY WHEAT (SOFT RED WINTER)

VARIETY	MATURITY	HEAD TYPE	BUSHEL WEIGHT	HEIGHT	DISEASE RATING	WINTER SURVIVAL	STRAW STRENGTH
SW20	Medium	Awned	Excellent	Med-Tall	Very Good	Excellent	Excellent
SW27	Early	Smooth	Very Good	Tall	Very Good	Good	Excellent
SW50	Medium	Smooth	Excellent	Medium	Very Good	Very Good	Excellent
SW52	Early	Smooth	Excellent	Medium	Excellent	Very Good	Excellent
SW55	Medium	Smooth	Excellent	Medium	Very Good	Excellent	Excellent
SW56	NEW Medium	Awned	Very Good	Medium	Excellent	Very Good	Excellent
SW80	Late	Smooth	Excellent	Med-Tall	Very Good	Very Good	Very Good
SW85	Med-Late	Awned	Excellent	Medium	Excellent	Excellent	Excellent

AGRIPRO® WHEAT VARIETIES

BRANSON	Medium	Awnless	Very Good	Medium	Very Good	Excellent	Very Good
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SPRING OATS

VARIETY	MATURITY	YIELD POTENTIAL	BUSHEL WEIGHT	HEIGHT	STRAW STRENGTH	SEED COLOR
ROBUST	Early	Excellent	Excellent	Medium	Very Good	Tan
SPURS	Medium	Very Good	Excellent	Medium	Excellent	Tan
RODEO	Medium	Excellent	Very Good	Tall	Excellent	Yellow
OGLE	Medium	Very Good	Good	Medium	Very Good	Yellow

SPRING BARLEY

VARIETY	HEAD TYPE	YIELD POTENTIAL	BUSHEL WEIGHT	HEIGHT	STRAW STRENGTH
AC® MINOA	Two Row Bearded	Excellent	Excellent	Medium - Tall	Very Good

“AC” is an official mark used under license from agriculture and Agri-Food Canada.

WINTER BARLEY

VARIETY	MATURITY	HEAD TYPE	BUSHEL WEIGHT	HEIGHT	STRAW STRENGTH	WINTER HARDNESS
THOROUGHBRED	Medium	Awned	Very Good	Medium	Excellent	Excellent
NOMINI	Med-Early	Awnless	Very Good	Medium	Excellent	Good
SB151	Med-Early	Awnless	Very Good	Medium	Excellent	Excellent

SEEDWAY® BRAND CORN HYBRIDS

VARIETY	Relative Maturity NY	Maturity CCB	PLANT HEIGHT	STALK QUALITY	ROOT STRTH	STAY GREEN	STRESS TOL	DRY DOWN	EARLY VIGOR	EAR FLEX	SILAGE	SHELL GRAIN	EAR PICK	OPTIMUM POP
SW1990 / SW1994RR2	80	-	1.0	1.0	2.5	1.5	1.5	1.0	1.0	2.0	2.0	1.0	1.0	Med-High
SW2180 / SW2184RR2	83	-	2.0	1.5	2.0	2.0	1.0	1.0	1.0	2.0	2.0	1.0	1.5	Med-High
SW2448VT3	85	-	2.5	1.5	1.5	1.5	1.0	1.0	2.0	2.0	2.5	1.0	1.0	High
SW2750	86	85	2.0	2.0	2.0	2	1.5	1	1.5	1.5	1.5	1.0	1.0	Med-high
SW2930 / SW2934GT	88	87	2.0	1.5	2.5	2.0	2.0	1.0	1.5	2.0	1.5	1.0	1.5	Medium
SW3008VT3	90	88	1.5	2.0	2.0	2.0	2.0	1.0	1.5	1.5	1.5	1.0	1.0	Med-High
SW3250 / SW3254RR2	92	91	1.5	1.5	1.0	1.5	1.0	1.5	1.5	1.5	1.0	1.5	1.0	Medium
SW3301L	93	91	1.0	2.5	1.5	2.0	1.5	2.0	2.0	2.0	1.0	2.0	3.0	Medium
SW3688VT3	94	93	2.5	1.5	1.0	2.0	1.0	1.0	1.5	1.5	2.0	1.0	1.0	Med-High
SW3650	94	93	2.5	1.5	2.0	2.0	1.0	1.5	1.0	1.5	1.5	1.0	1.0	Med-High
SW3788VT3	96	94	2.5	1.5	1.0	2.0	1.0	1.0	1.0	1.5	2.0	1.0	1.0	Med-High
E390L / SW3904LRR	98	94	1.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	2.0	3.0	Medium
SW3864GT / SW3869 3000GT	98	97	2.0	1.5	2.0	1.0	1.0	1.5	1.5	2.0	2.0	1.0	1.5	Med-High
SW3994GT / SW3990 3111	99	98	1.5	2.0	2.0	2.0	2.0	1.0	1.0	1.5	2.0	1.0	1.0	Med-High
SW4000GENSS	100	99	1.5	2.0	2.5	2.5	2.0	1.5	1.5	2.0	2.0	1.0	1.5	Med-High
SW4009 3000GT	100	99	2.0	1.0	1.5	1.5	1.5	1.0	1.5	2.0	2.5	1.0	1.5	Med-High
SW4100 3111	101	100	2.0	1.5	2.5	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	Med-High
SW4008VT3	102	100	2.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	2.5	1.0	2.0	High
SW4700 / SW4704RR	102	100	2.0	1.5	2.0	1.5	1.0	1.0	1.5	1	1.5	1.0	1.0	Medium
SW5438GENVT3P	104	103	2.0	1.0	1.0	1.5	1.0	1.0	1.0	2.0	2.0	1.0	1.5	Med-High
SW5018VT3	105	104	2.0	1.0	2.0	1.5	1.0	1.5	2.0	2.0	2.5	1.0	2.0	High
SW5501L	105	104	1.0	1.5	1.5	1.5	1.5	2.0	2.0	1.0	1.0	2.0	2.0	Med-High
SW5788VT3	107	106	2.5	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.5	1.0	1.0	Med-High
SW6601L / 6604LRR	108	107	1.5	2.5	1.5	2.0	1.5	2.5	2.0	1.0	1.0	2.5	3.0	Med-High
SW6414RR	108	107	2.0	1.5	2.5	1.5	1.5	1.0	2.0	2.0	2.0	1.0	1.5	Med-High
SW6650 / SW6653CBLL	109	108	1.5	1.5	1.5	2.0	1.5	1.5	2.0	1.5	1.5	1.5	1.5	Med-High
SW6600GT / 3000GT / 3111	109	108	2.5	1.0	2.0	1.0	1.0	1.5	2.0	2.5	2.5	1.0	2.0	High
SW6659 3000GT	110	109	1.5	1.0	1.5	2.0	1.5	1.5	2.0	1.5	1.5	1.0	1.0	Med-High
SW6708VT3	112	110	2.0	2.0	1.0	2.0	1.5	1.0	1.5	2.0	2.0	1.0	2.0	Med-High
SW6801L	113	113	1.0	2.5	1.5	2.0	2.0	2.5	2.0	1.0	1.0	2.0	3.0	Medium
SW7428VT3	116	115	2.5	1.5	1.5	2.0	1.5	1.0	2.5	1.0	2.0	1.0	2.0	Med-High

RELATIVE MATURITY: NY approximate maturity for NY, New England, high elevation in PA. CCB (central corn belt) approximate maturity for OH, PA, MD, DE, WV and VA in days.
RATINGS: 1 = best or tallest, 3 = average, 5 = inadequate or shortest. **BOLD: NEW VARIETIES FOR 2012.** **TRAITS:** 3111 = Agrisure Viptera™, Agrisure® 3000GT = Glyphosate and Glufosinate tolerant, Corn Borer and Rootworm control, Agrisure® CBLL = Corn Borer control and Glufosinate tolerant, Agrisure® GT = Glyphosate tolerant. GENSS = Genuity® SmartStax®, RR2 = Roundup Ready® Corn 2, VT3 = YieldGard® Corn Borer, YieldGard® Rootworm, Roundup Ready® Corn 2, GENVT3P = Genuity® VT3 PRO™

CORN HYBRID TRAITS

RR2 = Roundup Ready® Corn 2

Roundup Ready® Corn 2 Technology



CLEANER FIELDS, HIGHER YIELDS*



VT3 = YieldGard VT Triple®

YieldGard® Corn Borer with YieldGard VT® rootworm protection and Roundup Ready® Corn 2 Technology.



Planting Refuges, Preserving Technology

YieldGard VT Triple

GENVT3P = Genuity® VT Triple PRO™

Dual modes-of-action for above-ground insect protection with below-ground insect protection and Roundup Ready® Corn 2 Technology.



Planting Refuges, Preserving Technology



GENSS = Genuity® SmartStax®

Eight modes of insect and herbicide control. Roundup Ready® Corn 2, LibertyLink®



Planting Refuges, Preserving Technology



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CORN HYBRID TRAITS



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 as set forth in the Monsanto Technology Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

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B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.
Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity Icons, Genuity®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, VT Triple PRO™, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. Ignite® and LibertyLink® and the Water Droplet Design® are registered trademarks of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. SmartStax® multi-event technology developed by Monsanto Company and Dow AgroSciences. All other trademarks are the property of their respective owners. ©2011 Monsanto Company.

CORN HYBRID TRAITS

Agrisure[®]GT

Agrisure[®] GT = Glyphosate tolerant

Agrisure[®]CB/LL

Agrisure[®] CB/LL = Corn Borer control, Glufosinate tolerant

Agrisure[®]3000GT

Agrisure[®] 3000GT = Corn Borer control, Corn Rootworm control, Glyphosate tolerant, Glufosinate tolerant

Agrisure[®]Viptera[™]

Agrisure Viptera[™] = Multi-pest control of 14 yield and quality-robbing insects including corn borer, corn rootworm and the multi-pest complex. Herbicide flexibility with glyphosate and glufosinate tolerance.

Agrisure[®] and Agrisure Viptera[™] are trademarks or registered trademarks of a Syngenta Group Company.



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 as 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 the most recent stewardship requirements.



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, postemergence weed control of Ignite[®] herbicide for optimum yield and excellent weed control. LibertyLink[®], Ignite[®] and the Water Droplet logo are registered trademarks of Bayer.

CORN PLANTING

CORN POPULATIONS

Chart relates desired population per acre to "inches between seeds" and "row width in inches". Use as reference in checking your particular planting rate.

INCHES BETWEEN SEEDS	ROW WIDTH (INCHES)							
	20"	24"	28"	30"	32"	36"	38"	40"
	SEEDS PER ACRE X 1000							
5"	63	58	45	42	39	35	33	31
6"	52	44	37	35	33	29	28	26
7"	45	37	32	30	28	25	24	22
8"	39	33	28	26	25	22	21	20
9"	35	29	25	23	22	19	18	17
10"	31	26	22	21	20	17	16	15
11"	29	24	20	19	18	16	15	14
12"	26	22	19	17	16	14.5	14	13
13"	24	20	17	16	15	13.5	13	12

WHEAT PLANTING

WHEAT POPULATIONS

Chart relates desired population per acre to "pounds of seed per acre".
Use as a reference in checking your planting rate.

SEEDS ACRE (x 1000)	800	1000	1200	1400	1600	1800
ROW WIDTH	SEEDS PER FOOT OF ROW					
4"	6.1	7.7	9.2	10.7	12.2	13.7
7"	10.7	13.4	16.1	18.7	21.4	24.1
8"	12.2	15.3	18.4	21.4	24.5	27.5
10"	15.3	19.1	23.0	26.8	30.6	34.4
SEEDS / LB	POUNDS OF SEED PER ACRE					
10,000	80	100	120	140	160	180
10,500	76	95	114	133	152	171
11,000	73	91	109	127	145	164
11,500	70	87	104	122	139	157
12,000	67	83	100	117	133	150
12,500	64	80	96	112	128	144
13,000	62	77	92	108	123	138
13,500	59	74	89	104	119	133
14,000	57	71	86	100	114	129
14,500	55	69	83	97	110	124
15,000	53	67	80	93	107	120
15,500	52	65	77	90	103	116
16,000	50	63	75	88	100	113
16,500	48	61	73	85	97	109
17,000	47	59	71	82	94	106
17,500	46	57	69	80	91	103
18,000	44	55	67	78	89	100

PLANTER PLATE SUGGESTIONS (FLATS)

SIZE	CELLS	PLASTIC JD - AC OL - FORD	PLASTIC INT CASE	JOHN DEERE	INT	WHITE OLIVER	ALLIS CHALM	FORD	CASE	MASSEY FERG
F1	16	---	C90-16	697	3236	245500	302614	---	425	---
	16	---	C9-16	1268	3546	245502	558777	---	447	---
	16	---	C20-16	---	---	---	---	---	---	---
	20	---	C20-24	---	---	---	---	109788	---	442995
	24	B20-24	C90-24	30070	480190	---	555142	222529	---	---
	24	B190-24	C9-24	30025	480691	---	555140	---	---	---
F2	16	---	---	694	622174	245506	309431	---	1275	---
	16	---	---	---	1977	---	---	---	---	---
	20	---	---	---	---	---	---	---	---	440789
	24	B9-24X	C9-24	1302	485473	245542	555132	109788	---	---
	24	B6-24X	C6-24	---	469809	---	---	222531	---	---
	24	---	---	---	---	---	---	---	---	---
F3	16	---	---	1932	1977	245508	309431	---	1275	---
	16	---	---	---	---	245506	309425	---	426	---
	20	---	---	---	---	---	---	---	---	44796
	24	B7-24X	C7-24	2848	485473	245542	555132	109786	---	440309
	24	B11-24X	C11-24	---	480189	---	---	222531	---	---
	24	---	---	---	---	---	---	---	---	---
F4	16	---	C8-16	2156	1978	245510	309425	---	425	---
	16	---	C11-16	2503	1977	245511	309438	---	426	---
	20	---	---	---	---	---	---	---	---	---
	24	B8-24X	C8-24	2594	485474	---	555132	126785	---	440791
	24	B5-24X	C11-24	2847	485473	---	---	---	---	440310
	24	---	---	---	---	---	---	---	---	---

SUGGESTIONS ONLY - TEST IN YOUR PLANTER

PLANTER PLATE SUGGESTIONS (ROUNDS)

SIZE	CELLS	PLASTIC JD - AC OL - FORD	PLASTIC INT CASE	JOHN DEERE	INT	WHITE OLIVER	ALLIS CHALM	FORD	CASE	MASSEY FERG
R6	16	---	C3-16	---	---	---	---	---	---	---
	16	---	C30-16	---	---	---	---	---	---	---
	20	---	---	---	---	---	---	---	---	---
	24	---	---	16238	---	---	555140	---	---	---
	24	B30-24	C3-24X	---	480178	---	---	---	---	---
	24	B3-24	C30-24	---	---	---	---	---	---	---
R7	16	---	C2X-16	2043	3313	245526	302609	---	34799	---
	16	---	C25-16	---	3561	---	302602	---	---	---
	20	---	---	---	---	---	---	108957	---	440796
	24	B25-24	C2X-24	10853	480177	---	346048	108953	---	---
	24	B2-24	C25-24	---	489436	---	555130	---	---	---
	24	---	---	---	---	---	---	---	---	---
R8	16	B1-16X	C1X-16	1933	3042	245528	302602	---	34797	---
	16	---	---	1071	---	---	302609	---	429	---
	20	---	---	---	---	---	---	108957	---	442996
	24	B1-24X	C1X-24	10853	3043	245543	555136	---	2296	---
	24	---	---	2824	---	---	555130	---	---	---
	24	---	---	---	---	---	---	---	---	---
R9	16	---	C0X-16	1071	3042	245531	302602	108952	34797	---
	16	B0-16, B58-16	---	2044	---	245528	-	---	---	---
	20	---	---	---	---	---	---	---	---	442997
	24	B0-24	C0X-24	2712	485478	245543	555130	---	---	440314
	24	---	---	---	---	---	34713	---	---	---
	24	---	---	---	---	---	---	---	---	---

SUGGESTIONS ONLY - TEST IN YOUR PLANTER

SEEDWAY® BRAND SOYBEANS

CONVENIENCE • New seed offers high quality and high yield potential versus bin-run • New seed ensures a reliable seed supply in many maturities.

ECONOMICS • New seed yields 1.8 bushel per acre more than bin-run • Bin-run planting rates are generally 15% higher than new certified seed.

LIMITED WARRANTY BENEFITS • Dealer agronomic support before and after the sale • Risk management benefits of Roundup Rewards® (over \$600 million paid to growers since 1997). *New Innovations* • Royalties provide for research and development of new traits and higher-yielding germplasm • SEEDWAY and Monsanto are committed to our customers' success.

SEED STEWARDSHIP POLICY Seed containing the Roundup Ready® trait or Genuity® Roundup Ready 2 Yield® trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready® or Genuity® Roundup Ready 2 Yield® soybeans for planting or transfer to others for use as a planting seed.



SEEDWAY® BRAND SOYBEANS

SG1311 ✓ NEW

GENUITY® ROUNDUP READY 2 YIELD®

Early-Group I. Excellent yield potential and superior resistance to **White Mold**. Good standability. Light tawny plant color with average height. Excellent resistance to Brown Stem Rot.



RATINGS: Yield = 9, Emergence = 8, Standability = 7, Disease Resistance = 9, Stress Tolerance = 8

SG1711 ✓ NEW

GENUITY® ROUNDUP READY 2 YIELD®

Late-Group I. Superior yield potential with good emergence and standability. **Great defensive package for White Mold** and Brown Stem Rot. Gray plant color. Adapted to many environments and geographies.



RATINGS: Yield = 9, Emergence = 8, Standability = 8, Disease Resistance = 8, Stress Tolerance = 9

RATING SCALE (1-9)
9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG1911 ✓ NEW

GENUITY® ROUNDUP READY 2 YIELD®
Late-Group I. Strong emergence and **excellent tolerance to White Mold.** Good standability. Widely adapted. Gray plant color with average height.



RATINGS: Yield = 9, Emergence = 8, Standability = 8, Disease Resistance = 8, Stress Tolerance = 8

SG2018

ROUNDUP READY®

Early-Group II. High yield potential and excellent standability. Strong performance in many environments. Excellent field resistance to Phytophthora Root Rot. Very good stress tolerance. Works best in narrow rows and on productive soils. Average resistance to white mold. Medium-tall plant and medium-bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 8, Stress Tolerance = 9

RATING SCALE (1-9)
9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG2111 ✓ **NEW**

GENUITY® ROUNDUP READY 2 YIELD®

Early-Group II. Impressive yield potential across a wide geography. **Great defensive package for White Mold, Brown Stem Rot and Phytophthora Root Rot.**



RATINGS: Yield = 9, Emergence = 9, Standability = 7, Disease Resistance = 8, Stress Tolerance = 9

SG2410

ROUNDUP READY®

Mid-Group II. Impressive yield potential in many environments. Good emergence and excellent standability. **Excellent resistance to White Mold.** Very good field resistance to Phytophthora Root Rot. Resistant to Brown Stem Rot. Works well across many soil types. Tall plant and medium canopy.



RATINGS: Yield = 9, Emergence = 7, Standability = 9, Disease Resistance = 8, Stress Tolerance = 8

RATING SCALE (1-9)
9 = best, 5 = average, 1 = poor

Superior Genetics for Successful Growers.

SEEDWAY® BRAND SOYBEANS

SG2711 ✓ **NEW**

GENUITY® ROUNDUP READY 2 YIELD®
Late-Group II. Well-adapted to most growing environments and no-till. Rps1c gene for Phytophthora Root Rot protection and excellent resistance to Brown Stem Rot. Medium plant height and bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 7, Disease Resistance = 8, Stress Tolerance = 9

SG3011 ✓ **NEW**

GENUITY® ROUNDUP READY 2 YIELD®
Early-Group III. Excellent yield potential and emergence, handling tough conditions well. Superior White Mold resistance and contains Rps1K gene for Phytophthora Root Rot resistance. Light tawny with medium plant height.



RATINGS: Yield = 9, Emergence = 9, Standability = 8, Disease Resistance = 9, Stress Tolerance = 9

RATING SCALE (1-9)
9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG3012

ROUNDUP READY®

Early-Group III. Excellent yield potential and emergence. Rps1c gene for Phytophthora root rot resistance. Takes advantage of highly productive soils. Resistance to Brown Stem Rot and Sudden Death Syndrome. Handles heavy, wet soil conditions with excellent yields. Tall plant and bushy canopy. Works well in all row widths.



RATINGS: Yield = 9, Emergence = 9, Standability = 8, Disease Resistance = 7, Stress Tolerance = 7

SG3311 ✓ NEW

GENUITY® ROUNDUP READY 2 YIELD®

Early-Mid-Group III. Demonstrates high yield potential across all environments, supported by excellent stress tolerance. Rps1c gene for Phytophthora Root Rot resistance. Medium plant height with a medium-bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 8, Disease Resistance = 9, Stress Tolerance = 9

RATING SCALE (1-9)

9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG3306

ROUNDUP READY®

Early-Mid-Group III. Top-end yield potential with very good emergence and standability. Performs well in high-yield environments. Well adapted to all row widths and no-till culture. Rps1k gene for Phytophthora Root Rot resistance. Good stress tolerance. Medium plant height and medium-narrow canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 7, Stress Tolerance = 8

SG3411 ✓ NEW

GENUITY® ROUNDUP READY 2 YIELD®

Mid-Group III. Broadly adapted. High yield potential with excellent stress tolerance. Starts with excellent emergence and finishes with great standability. Resistance to Soybean Cyst Nematode, Brown Stem Rot and Phytophthora Root Rot.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 8, Stress Tolerance = 9

RATING SCALE (1-9)

9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG3711 ✓ **NEW**

GENUITY® ROUNDUP READY 2 YIELD®

Late-Group III. Outstanding yield potential, excellent emergence and good standability. Moderate resistance to Soybean Cyst Nematode and contains the Rps1k gene for Phytophthora Root Rot resistance. Medium plant height and medium-bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 8, Disease Resistance = 8, Stress Tolerance = 8

SG3722 ✓ **NEW**

GENUITY® ROUNDUP READY 2 YIELD®

Late-Group III. Superior yield potential with an excellent defensive package for Soybean Cyst Nematode, Frog Eye and Phytophthora Root Rot. Tall plant and medium-bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 9, Stress Tolerance = 8

RATING SCALE (1-9)

9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG3808

ROUNDUP READY®

Late-Group III. Excellent yield potential and stress tolerance. Very good emergence and standability. Moderate resistance to Soybean Cyst Nematode and Rps1c gene for Phytophthora Root Rot. Works on all soil types and row widths. Medium-tall plant and bushy canopy.



RATINGS: Yield = 9, Emergence = 8, Standability = 8, Disease Resistance = 8, Stress Tolerance = 9

SG3910

ROUNDUP READY® and STS®

Late-Group III. Excellent yield potential, stress tolerance and standability. Very good emergence. Works well on all soil types and row widths. Can be positioned in all growing environments. Excellent Soybean Cyst Nematode resistance. Good field resistance to Phytophthora Root Rot. Tall plant and indeterminate canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 8, Stress Tolerance = 9

RATING SCALE (1-9)

9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

SG4705

ROUNDUP READY® and STS®

Mid-Group IV. Excellent yield potential. Consistent performance, great emergence, standability and stress tolerance. Disease resistance, Phytophthora Root Rot, Soybean Cyst Nematode, Brown Stem Rot, Iron Chlorosis and Sudden Death Syndrome. Medium plant height and bushy canopy.



RATINGS: Yield = 9, Emergence = 9, Standability = 9, Disease Resistance = 8, Stress Tolerance = 9

RATING SCALE (1-9)

9 = best, 5 = average, 1 = poor

**Superior Genetics for
Successful Growers.**

SEEDWAY® BRAND SOYBEANS

CONVENTIONAL VARIETIES

SG239c

CONVENTIONAL

Early-Group II. Yield potential, standability, emergence and good disease package. **Strong resistance to White Mold.** Medium plant height.

SG381c

CONVENTIONAL

Late-Group III. Newer genetics with outstanding yield record in PA and MD. Excellent emergence and standability. Productive on well-drained and moderately-drained soils. Double crop behind barley or wheat. Productive on well-drained to moderately drained soils. Excellent field resistance to Phytophthora Root Rot. Resistance to Brown Stem Rot. Tall plant height and bushy canopy.

SG415sTs

STS®

Early-Group IV. High yield potential with excellent emergence and standability. Very good field resistance to Phytophthora Root Rot and Sudden Death Syndrome. Well-suited to all row widths. Medium-tall plant and medium canopy.

**Superior Genetics for
Successful Growers.**

SOYBEAN PLANTING CHART

SEEDS PER FOOT ROW				
ROW SPACING	DESIRED SEEDS PER ACRE			
	125,000	140,000	150,000	180,000
7"	1.7	1.9	2.0	2.4
10"	2.4	2.7	2.9	3.4
15"	3.6	4.0	4.3	5.2
30"	7.2	8.0	8.6	10.3
36"	8.6	9.6	10.3	12.4
40"	9.6	10.7	11.5	13.8
POUNDS SEED PER ACRE				
SEEDS PER LB	DESIRED SEEDS PER ACRE			
	125,000	140,000	150,000	180,000
2,000	62.5	70.0	75.0	90.0
2,100	59.5	66.7	71.4	85.7
2,200	56.8	63.6	68.2	81.8
2,300	54.3	60.9	65.2	78.3
2,400	52.1	58.3	62.5	75.0
2,500	50.0	56.0	60.0	72.0
2,600	48.1	53.8	57.7	69.2
2,700	46.3	51.9	55.6	66.7
2,800	44.6	50.0	53.6	64.3
2,900	43.1	48.3	51.7	62.1
3,000	41.7	46.7	50.0	60.0
3,100	40.3	45.2	48.4	58.1
3,200	39.1	43.8	46.9	56.3
3,300	37.9	42.4	45.5	54.5
3,400	36.8	41.2	44.1	52.9
3,500	35.7	40.0	42.9	51.4
3,600	34.7	38.9	41.7	50.0
3,800	32.9	36.8	39.5	47.4
4,000	31.3	35.0	37.5	45.0

2012 NOTES

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SEEDING RATE CHART

CROP	VARIETY	LBS PER	
		BU	ACRE
ALFALFA	All varieties	60	20
CLOVER	Red	60	10
	White / Ladino		6
	Crimson		18
	Yellow Sweet		25
TIMOTHY	All varieties	45	10
BROMEGRASS	All varieties	14	20
KY BLUEGRASS	All varieties	14	15-25
REED CANARYGRASS	Straight Seeded	44	8-12
	Alfalfa and Canary		12 / 4
ORCHARDGRASS	All varieties	14	14
TREFOIL	All varieties	60	8
RYEGRASS	Straight Seeded	24	30
	Alfalfa and Ryegrass		15 / 5
TALL FESCUE	All varieties	24	25
FESTULOLIUM	All varieties	--	30
LESPEDEZA	All varieties	--	35
RYE	Small Seeded	56	168
TRITICALE	Fall	48	100
	Spring		130
FORAGE MIXTURES	SEEDWAY 100-300	--	20
	SEEDWAY 400-450		18

**2012
CALENDAR
(inside front cover)**

SEEDING RATE CHART			
CROP	VARIETY	LBS PER	
		BU	ACRE
PASTURE MIXTURES	FSG	--	25
GRAZING MIXTURES	FSG	--	15
SPECIAL MIXTURE	OVN	--	75
SORGHUM x SUDAN	All varieties	50	30-50
FORAGE SORGHUM	All varieties	50	6-12
GRAIN SORGHUM	All varieties	50	10
FORAGE BRASSICA	Turnip	50	2
	Kale		4
MILLET	Japanese	35	30
	Pearl	60	
DOUBLE SS	Forage Soy and Sorg	--	100-150
PARTNER	Forage Pea and Oat	--	100-150
OATS	All varieties	32	96
BARLEY	All varieties	48	120
BUCKWHEAT	All varieties	48	70
WHEAT	All varieties	60	150
SUNFLOWER	All varieties	--	7
PEAS	Field	60	90-150
	Common / Spring		50-70
CROWN VETCH	All varieties	80	10
SWEET CORN	All varieties	--	12