



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.**



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