

SEEDWAY®

TURF PRODUCTS



LANDSCAPING

HYDROSEEDING

SOD SEEDING

ATHLETIC FIELDS

GOLF COURSES

CUSTOM MIXING

www.seedway.com

MISSION STATEMENT

“To partner with our customers to provide innovative, quality products and services.”

WHOLESALE ONLY

Products presented in this catalog are available only to the wholesale trade.

TERMS

Terms are net due 30 days unless otherwise specified. Finance charges will be applied to any invoice not paid within the stated terms.

PRICES

Current pricing can be obtained from your local SEEDWAY representative. Prices subject to change without notice.

NEW CUSTOMERS

Until credit has been established, all orders will be shipped on a C.O.D. basis. A credit application will be sent upon request. Credit approvals will be notified in writing.

SHORTAGES or DAMAGE

Deliveries should be inspected upon receipt for any discrepancies or damage and noted on the delivery copy at the time of delivery. Any damaged product should not be accepted, but left on the truck for return to our warehouse.

DELIVERY

Orders over \$1,000 on a SEEDWAY scheduled vehicle are delivered free. Orders under \$1,000 will be charged \$25 to cover freight expenses on normal delivery routes. UPS shipments will have actual UPS charges added to the invoice. Immediate shipments that require common carrier service may incur additional freight charges. Please refer to our delivery policy for complete details. This policy is subject to change without notice.

PALLET EXCHANGE

Shipping pallets will be invoiced at \$15.00 per pallet, as noted on your shipping ticket. Your account will be credited for each useable 40" x 48" pallet returned to your SEEDWAY location.

LIMITED ONE-YEAR 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, INC. 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.**

PLANTING RESEARCH TRIALS

RESEARCH TRIALS ARE PLANTED IN A VARIETY OF GEOGRAPHIC LOCATIONS. THIS PROVIDES A LARGE DATA BASE FROM WHICH TO JUDGE ADAPTABILITY TO REGIONS, TOLERANCE OF DISEASES AND OVERALL PERFORMANCE AND APPEARANCE. SEEDWAY'S COOPERATIVE EFFORTS WITH ALLIED SEED ALLOWS US TO COLLECT TRIAL RESULTS FROM ALBANY, OR AND PIPERSVILLE, PA, AS WELL AS REGIONALLY PLACED NTEP TRAILS THROUGHOUT THE U.S.

TRIALS PLOTS READY FOR EVALUATION

GREAT CARE IS TAKEN IN ESTABLISHING TRIAL PLOTS TO MAKE SURE THAT VARIETAL PURITY IS MAINTAINED. THE PLOTS ARE ALSO REPLICATED SEVERAL TIMES TO SO THAT TRIAL RESULTS ARE BASED ON VARIETY PERFORMANCE AND NOT LOCATION AND SOIL VARIABLES. PRECISE PLOT MAPPING IS USED TO MAINTAIN ACCURATE RECORDS TO ENSURE CONSISTENT INFORMATION FROM ALL LOCATIONS.

VARIETAL EVALUATION AND TILLERING

EVALUATION OF NEW TURF GRASS VARIETIES IS A HANDS AND KNEES PROCESS. COLOR, TURF DENSITY, TEXTURE AND MOWABILITY ARE JUST A FEW OF THE CHARACTERISTICS THAT ARE EVALUATED. IF A VARIETY MEETS THESE VISUAL EVALUATIONS, INDIVIDUAL TILLERS OR PLANTS ARE PULLED AND SENT TO BE PLANTED IN TURF GRASS NURSERIES LOCATED IN FOREST GROVE, OREGON.

VARIETY GROW-OUT AND SEED INCREASE

TURF GRASS VARIETIES THAT ARRIVE AT THE NURSERIES HAVE ALREADY SURVIVED A STRINGENT SELECTION PROCESS. ONCE GROWING IN THE NURSERIES, THE EVALUATION PROCESS IS CONTINUED, WHERE SUCH TRAITS AS GENETIC CONSISTENCY AND ABILITY TO PRODUCE ADEQUATE SEED ARE CONSIDERED. IF THE SELECTED VARIETIES PASS THESE FINAL TESTS, THEY ARE PLANTED TO BEGIN SEED PRODUCTION FOR MARKET.

MARKETING FINAL SELECTIONS

THE LONG JOURNEY FROM ORIGINAL SELECTION TO FINAL EVALUATION AND SEED PRODUCTION CAN TAKE AS LONG AS 10 YEARS. FROM THOUSANDS OF CHOICES, ONLY A VERY FEW ARE COMMERCIALY PRODUCED. THIS PROCESS ASSURES OUR CUSTOMERS THAT ONLY THE TOP PERFORMING VARIETIES ARE OFFERED FOR SALE IN OUR PREMIUM MIXTURES AND BLENDS. SEEDWAY, WITH THIS RESEARCH EFFORT TRULY IS, **"THE CUSTOMER'S CHOICE FOR SEED"**.



Known for its dark, rich color, fine texture, cold and stress tolerance, **KENTUCKY BLUEGRASS** is ideal for medium to high maintenance applications. Plants spread laterally by a unique system of underground stems or rhizomes. This knitted rhizome network holds the turf together for better performance on athletic fields and sod production.



PREMIUM 1/2" CUT BLUEGRASS *(Golf Courses and Sod Production)*

- BEYOND** Produces a fine textured, carpet like turf. Tolerates drought and high temperatures.
- EVEREST** Broad geographic adaptation, rated for low-cut mowing for golf fairways, with low thatch.
- NU GLADE** Shade tolerant variety with rich dark green color. Rated top 10 quality performance in NTEP.
- NU DESTINY** # 4 in NTEP overall quality rating. Dense turf, dark green color, excellent disease package.
- SOLAR ECLIPSE** Quick to establish, provides dark green turf tolerant to traffic and close-mowing.

FAIRWAY BLUE BLEND: Blend of 3-4 close cut tolerant elite varieties for fairway applications.

AGGRESSIVE ELITE BLUEGRASS *(For Sports Field Applications)*

- BEYOND** Produces a fine textured, carpet like turf. Tolerates drought and high temperatures.
- BLUECHIP PLUS** Lush green color and plush growth provides adaptation to athletic and home lawn applications.
- EVEREST** Tight-knitted with excellent disease resistance. Provides sure-footed turf surface.
- MONGOOSE** Excellent seedling vigor, drought tolerance with quick recovery, deep color with fine texture.

ELITE BLUEGRASS *(For Premium Lawns and Sod Production)*

- AWESOME** Lower growth habit with fine texture and dark green color. Best turf density in 2001 NTEP.
- BEYOND** Produces a fine textured, carpet like turf. Tolerates drought and high temperatures.
- MONGOOSE** Excellent seedling vigor, drought tolerance with quick recovery, deep color with fine texture.
- NU DESTINY** Top 5 in NTEP overall quality rating. Dense turf, dark green color, excellent disease package.
- PERFECTION** Fine leaf texture, excellent density, very dark green color with superior disease ratings.

LOW MAINTENANCE BLUEGRASS *(For General Lawn Areas)*

- BLUE CHIP PLUS** Lush green color and plush growth provides adaptation to athletic and home lawn applications.
- CAMAS** Tolerates low input levels, quick starter, early spring green-up, rapid recovery from drought.
- NU BLUE** Diverse genetics, with attractive winter color and fast spring green-up, quick establishment.

IMPROVED COMMON BLUEGRASS *(For General Purpose Applications)*

- ALENE** Early spring green-up, excellent in blends, good winter hardiness, good for low maintenance.
- CAMAS** Tolerates low input levels, quick starter, early spring green-up, rapid recovery from drought.
- KENBLUE** Good selection for reduced maintenance applications. Good heat stress tolerance.
- PARK** One step above common types, used in economical mixes requiring a named variety.

COMMON BLUEGRASS *(For General Purpose Applications)*

- FANCY 98/85** Also known as high-test, this is an unstated variety with a minimum purity of 98%.
- COMMON 85/80** This is an unstated variety with a minimum purity of 85%, used in general mixtures.

**MORE DETAILED INFORMATION IS AVAILABLE FOR MOST OF THE LISTED VARIETIES.
CONTACT YOUR LOCAL SEEDWAY LOCATION FOR ADDITIONAL INFORMATION.**

PERENNIAL RYEGRASS is principally known for its quick germination and rapid establishment, giving them the ability to crowd out weeds and competitive plants. Improved turf types have a dark green, fine textured leaf that is comparable to Kentucky Bluegrass. Wear tolerant Perennial Ryegrass is well adapted for home and commercial lawns, parks and athletic fields, golf course roughs and fairways, as well as some erosion control applications. These varieties will grow over a wide range of climate and soil conditions, including compacted and fairly poor soils.



ELITE TURF-TYPE PERENNIAL RYEGRASS *(For quick germination, dark color, fine texture, excellent disease resistance, high endophyte protection and tolerance to 1/2" mowing height)*

- ASP 6002** Tolerates hot, humid summers and long winters. Dark, dense, attractive turf.
- ASP 6004** Upright variety with good mowing characteristics. Exhibits excellent seedling vigor.
- ASP 6005** Lower growing, upright variety with very dark green color. Forms a dense fine-textured turf.
- ASP 6006** Lower growth habit, early spring green-up and excellent overall disease resistance.
- ASP 1001 GL** Elite variety, resistance to gray leaf spot, dark green color, dense sod, fine texture.
- FIJI** Fine-textured variety with extreme dark color and lush carpet-like turf which establishes quickly.

4 STAR PERENNIAL BLEND: Premium blend, 3-4 elite turf-type, fine-textured perennial ryegrasses providing genetic diversity for improved adaptation.

OTHER RYEGRASSES *(For general purpose and specialty applications)*

- ANNUAL** Unstated variety used for quick establishment in mixes and to provide temporary cover.
- BUCCANEER II** Economical, named variety providing improved color, sod density and texture over Linn.
- COMMON** Unstated variety used for quick establishment in general purpose permanent seedings.
- GREYHOUND** Developed specifically for overseeding and nurse crop applications. This intermediate ryegrass is designed to establish quickly in the fall and fade away in the spring.



More Options, Better Value™

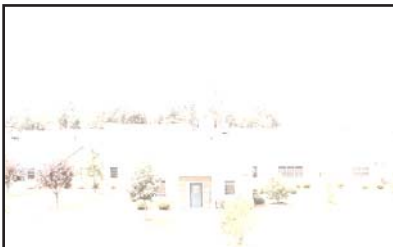
TURF-TYPE TALL FESCUE continues to make rapid advances in improvements. New proprietary varieties have finer leaves, darker green genetic color and reduced growing height. The new Tall Fescue varieties have retained their wear, shade and drought tolerant characteristics that made them originally so important. Tall Fescues require less fertilizer and water compared to Kentucky Bluegrass or Perennial Ryegrass. Their deeper root system will allow Tall Fescue turfs to stay green longer into summer than other cool season species. They have gained acceptance in home lawns, athletic fields, commercial applications and golf course roughs due to their lower maintenance requirements.



TURF-TYPE TALL FESCUE *(For heat and drought tolerance, adapts well to lower fertility and pH and provides excellent wear tolerance)*

- AST 7001** Medium dark green, medium fine texture, drought resistant, with good fall color retention.
- AST 9003** Combines ability to grow under low light conditions with drought tolerance. Aggressive tillering, dense sod and outstanding dark green color.
- AST 1001** Medium-fine texture, outstanding dark green color, great shade tolerance. Aggressive tillering for quick recovery from damage.
- CHIPPER** Widely adapted with excellent turf density, very dark green genetic color, improved disease resistance and excellent NTEP wearability ratings.
- DESIRE** Superior dark green color, among the darkest green new varieties in the most recent NTEP trials. Fine blade and improved heat and drought tolerance and disease resistance.
- KALAHARI** Unsurpassed uniformity, semi dwarf growth habit, intense green color and fine texture.
- MARRAKECH** Excellent turf quality in sun or shade, with superior sod density and Brown Patch resistance.
- TANZANIA** Top-rated for overall turf quality. Exhibits finer texture, outstanding drought tolerance, superior turf density and excellent resistance to Brown Patch and Net Blotch.

TALL STAR BLEND: Blend of 3 turf-type tall fescues selected for color, density and fine leaf texture. Good for lower fertility and heavy wear turf applications.



PREMIUM LAWN MIXTURE ONE YEAR AFTER SEEDING

FINE FESCUES are varieties that are shade and drought tolerant. Its fine leaves will lose less moisture in hot, sunny weather. Chewings, Creeping Red and Hard Fescues mix well with Kentucky Bluegrasses and Perennial Ryegrasses. The fine fescues also perform well as a low maintenance mono-stand in areas that are hard to mow, such as reclamation sites, creek banks, steep slopes and roadsides. The fine fescues are ideal for use as a cover crop under grapes, in orchards and Christmas tree plantings.



CHEWINGS FESCUE *(Fine leafed, upright, bunch-type habit)*

- FRAZER** Exhibits dark green color, high plant vigor, excellent turf quality and disease resistance.
- J-5** Tolerates shade and provides a dark green, fine-textured appearance, great for low maintenance.
- COMMON** Variety not stated, economical alternative to named varieties.

CREEPING RED FESCUE *(Fine leafed, spreading growth habit through rhizomes)*

- AUDUBON** Vigorous sod-forming variety with excellent heat and shade tolerance. Persistence in low pH sites.
- PENNLAWN** Slight improvement over common, when a named variety is needed in an economical mix.
- BOREAL** Produced primarily in Canada, named variety at an economical price. General purpose usage.
- COMMON** Unstated variety that exhibits the spreading and shade tolerance of the species.

HARD FESCUE *(Fine leafed, upright, bunch-type growth habit for low maintenance areas)*

- ECOSTAR** #1 in Rutgers trial for finest texture, superb summer density and color, drought tolerant.
- HARPOON** Very dark green color, rapid establishment, blends well with other species in mixtures.
- HENRY** Medium green color, excellent shade tolerance, aggressive performer with outstanding seedling vigor. Bred for toughness and tolerance to low maintenance environments.
- STONEHENGE** Excellent turf quality in shade, dark green color with superior summer turf density.
- AURORA GOLD** Naturally occurring glyphosate tolerant hard fescue for use in nursery applications. Will tolerate up to 1 pint per acre and provides excellent shade tolerance, good overall summer performance with the typical low-growing characteristics of hard fescues.

SHEEP FESCUE *(Fine leafed, upright, bunch-type growth habit for low maintenance areas)*

- MARCO POLO** Ideally suited to low maintenance areas, exhibits very good heat and drought tolerance. With a low growth habit, unique blue-green color and striking seedhead, this variety is excellent for golf course outer roughs.

MORE DETAILED INFORMATION IS AVAILABLE FOR MOST OF THE LISTED VARIETIES. CONTACT YOUR LOCAL SEEDWAY LOCATION FOR ADDITIONAL INFORMATION.

Used primarily on golf courses, **BENTGRASSES** require high level inputs and professional turf management for continually successful stands. With proper management, bentgrass can be used for permanent turf in most cool, transitional, and warm turfgrass zones. There are two basic types of bentgrass; Creeping and Colonial Bentgrass. Creeping bentgrass is preferred for golf tees and greens and is able to spread by lateral stolens, which can quickly repair ball marks and divots. Its aggressive nature allows Creeping bentgrass to compete and choke out weeds and other turfgrass species. Colonial bentgrass, used on tees and fairways, spreads through an underground network of rhizomes, to help repair major damaged areas.



PREMIUM BENTGRASS *(Primarily for greens, tees and fairways, when close cut tolerance and uniformity are required)*

- A-1** Exclusively for putting green use, lower growing, upright leaf with dense, uniform turf.
- A-4** Aggressive growth habit, dark green fine texture provides smooth, grainless putting surface.
- L-93** Dark green, dense, aggressive turf that adapts to a wide range of mowing heights.
- T-1** Rich green, dense, tenacious turf, aggressive against POA, quickly repairs ball marks and divots.
- ALPHA** Rich green, unparalleled ground coverage and density to quickly repair ball marks and divots.
- PENNCROSS** Fast growing, heat and wear tolerant variety, with a good disease resistance package.
- PENNEAGLE II** Medium-fine, non-aggressive, semi-erect growth habit with dark green color. Early spring green-up competes against grassy weeds and provide excellent surface on tees and fairways.
- PENNLINKS II** Improved turf density, color and disease resistance while maintaining the same heat and drought tolerance of the original. Excellent playing surface for tees, greens and fairways.
- PUTTER** Dark bluish-green with excellent vigor, high shoot density and very aggressive against Poa.
- SOUTHSHORE** Aggressive establishment, excellent durability, will perform well alone, or in blends.

BENTGRASS BLENDS *(Primarily for tees and fairways, blends provide a wider spectrum of disease resistance and genetic diversity)*

- PENN TRIO** Certified blend of Penncross, Penneagle & Pennlinks providing heat tolerance and dense turf.
- PENNWAY** Uncertified blend for fairway use, providing wear, heat and disease tolerance.
- PLS BLEND** Combining the strong attributes of Putter, L-93 and Southshore, PLS Bentgrass is an unmatched blend for overall quality characteristics, creating smooth uniform greens.
- L-93/SOUTHSHORE** Blend of two top varieties for use on greens tees or fairways to provide genetic diversity.

**MORE DETAILED INFORMATION IS AVAILABLE FOR MOST OF THE LISTED VARIETIES.
CONTACT YOUR LOCAL SEEDWAY LOCATION FOR ADDITIONAL INFORMATION.**

OTHER ITEMS

- RED TOP** Coarse, stemmy turf plant suited to wet, poorly drained sites. Generally used in low maintenance and conservation plantings.
- CROWN VETCH** Used for low maintenance roadside and embankment seeding. This perennial legume provides dense ground cover and excellent bank stabilization with beautiful pink flowers in season.
- LASER POA TRIVIALIS** Improved variety adapted for use in moist shady conditions with excellent cold tolerance and improved Dollar Spot resistance.
- CANADA BLUE** For semi-turf applications, low maintenance, occasional mowing. Well adapted to extremely poor growth conditions such as low PH and high soil levels of heavy metals.
- WHITE CLOVER** Shallow rooted perennial legume known for its nitrogen fixing ability. This leafy small structured plant is used for soil improvement as a minor component of turf mixtures, generally less than 5% of the total mixture.
- HIGHLAND COLONIAL BENT** Upright, fine-textured growth habit with medium-dark green color. Ability to survive under low maintenance, as well as reduced nitrogen and irrigated conditions.



ALSO AVAILABLE BY SPECIAL ORDER:
ANNUAL and PERENNIAL NATIVE GRASSES, NORTHEAST WILDFLOWER MIXTURES,
CONSERVATION and EROSION CONTROL MIXTURES



SUPREME LAWN MIXTURE

75% 2-3X Proprietary Kentucky Bluegrass
25% Proprietary Perennial Ryegrass

Superior permanent mix of 2-3 improved Kentucky Bluegrass varieties and fine-textured perennial ryegrass to provide a dark green, fine-textured carpet-like lawn.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

PREMIUM LAWN MIXTURE

80% 2X Proprietary Tall Fescue
15% Proprietary Perennial Ryegrass
5% Proprietary Kentucky Bluegrass

Features elite turf-type tall fescues to provide tolerance to heat, drought and wear. Requires less fertility and water than bluegrass or ryegrass mixtures.

PLANTING RATE: 7-8 lb. per 1,000 sq. feet

PRO LANDSCAPE MIXTURE

65% 2X Proprietary Perennial Ryegrass
25% Creeping Red Fescue
10% Kentucky Bluegrass

Quality general purpose mixture combining quick establishment, dark green color and fine texture. Popular for new lawn establishment in a wide range of soils.

PLANTING RATE: 6-7 lb. per 1,000 sq. feet

PENN STATE SUPREME MIXTURE

35% Creeping Red Fescue
25% Proprietary Kentucky Bluegrass
20% Proprietary Perennial Ryegrass
20% Kentucky Bluegrass VNS

Common and proprietary varieties for a strong, well-adapted turf for the Northeast. Adapted from sunny to moderately-shaded areas. Ability to create a fine-textured lawn at a more economical price.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

DURA TURF MIXTURE

45% Annual Ryegrass
25% Perennial Ryegrass
15% Creeping Red Fescue
5% Kentucky Bluegrass

Permanent, cost effective mixture featuring quick establishment and durability, with a wide spectrum of adaptability.

PLANTING RATE: 7-8 lb. per 1,000 sq. feet

FESCUE ANNUAL MIXTURE

85% Turf-Type Tall Fescue, VNS
15% Annual Ryegrass

Field-run mixture with 85-90% tall fescue. Utilize for areas that require multiple season temporary cover.

PLANTING RATE: 8 lb. per 1,000 sq. feet

CONTRACTORS MIXTURE

90% Annual Ryegrass (approximate)
10% Perennial Ryegrass (approximate)

Field-run mixture with 90% annual ryegrass. Utilize for areas that require quick, temporary, inexpensive cover.

PLANTING RATE: 5-6 lb. per 1,000 sq. feet

PRO ATHLETIC MIXTURE

85% Proprietary Kentucky Bluegrass
15% Proprietary Perennial Ryegrass

High quality mixture for establishing or renovating athletic fields, quality bluegrasses with the ability to self-repair turf surfaces.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

FAIRWAY BLUEGRASS MIXTURE

25% Proprietary Kentucky Bluegrass
 25% Proprietary Kentucky Bluegrass
 25% Proprietary Kentucky Bluegrass
 25% Proprietary Kentucky Bluegrass

Blend of 3-4 elite Kentucky Bluegrasses that will tolerate mowing as low as 1/2" for utilization on golf course fairways. Can also be used on home lawns to provide a fairway appearance for a premium front lawn!

PLANTING RATE: 3-4 lb. per 1,000 sq. feet

LOW MAINTENANCE MIXTURE

40% Proprietary Hard Fescue
 30% Proprietary Sheep Fescue
 30% Proprietary Chewings Fescue

Special purpose mixture for areas that do not accommodate frequent mowing and fertilization. Slower and lower growing providing excellent ground cover without growing wild.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

SHADY LAWN MIXTURE

30% Proprietary Chewings Fescue
 30% Proprietary Creeping Red Fescue
 30% Proprietary Perennial Ryegrass
 10% Shade Tolerant Proprietary Bluegrass

Mixture of more shade tolerant species designed for improved performance in areas where sun-loving varieties fail to thrive, while maintaining the texture and color of sunny area mixes.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

O-V-N MIXTURE

40% Proprietary Perennial Ryegrass
 30% Creeping Red Fescue
 30% Chewings Fescue

Dwarf-type perennial ryegrass and fine fescues. Provides quick establishment and dense turf requiring less mowing and maintenance. For Orchards, Vineyards, Nurseries and Christmas tree plantings.

PLANTING RATE: 40-75 lb. per acre

4 STAR PERENNIAL RYEGRASS BLEND

100% Proprietary Turf-Type Perennial Ryegrass

Premium blend of 3-4 fine-textured perennial ryegrasses to provide quick cover with a wide spectrum of traits and disease resistance.

PLANTING RATE: 6-7 lb. per 1,000 sq. feet

4 STAR BLUE MIXTURE

90% 3-4X Proprietary Perennial Ryegrass
 10% Proprietary Kentucky Bluegrass

3-4 fine-textured perennial ryegrasses with an improved Kentucky bluegrass. Quick establishment with bluegrass that spreads and knits turf areas. Good choice for fine-textured turf applications.

PLANTING RATE: 6-7 lb. per 1,000 sq. feet

TALL STAR TALL FESCUE BLEND

100% Proprietary Turf-Type Tall Fescue

Blend of 3 turf-type tall fescues selected for color, density and relatively fine texture. Good for lower fertility and heavy wear turf applications.

PLANTING RATE: 6-8 lb. per 1,000 sq. feet

TALL STAR BLUE MIXTURE

90% 3X Proprietary Turf-Type Tall Fescue
 10% Proprietary Kentucky Bluegrass

Mixture of 3 turf-type tall fescues selected for color, density and finer texture. 10% bluegrass knits these bunch grass varieties into a tighter, more wear resistant turf.

PLANTING RATE: 5-7 lb. per 1,000 sq. feet

CUSTOM BLENDING AVAILABLE UPON REQUEST

SUNNY MIXTURE

Well-rounded. Blends with existing stands in full-sun areas. Wide range of adaptability.

PLANTING RATE: 6-7 lb. per 1,000 sq. feet

- 65% 2X Proprietary Perennial Ryegrass
- 25% Proprietary Creeping Red Fescue
- 10% Proprietary Kentucky Bluegrass

AVAILABLE in 3 lb., 10 lb., 25 lb. and 50 lb. SIZES

SHADY MIXTURE

Improved shade area performance. Maintains texture and color of sunny areas mixes.

PLANTING RATE: 4-5 lb. per 1,000 sq. feet

- 30% Proprietary Chewings Fescue
- 30% Proprietary Creeping Red Fescue
- 30% Proprietary Perennial Ryegrass
- 10% Proprietary Kentucky Bluegrass

AVAILABLE in 3 lb., 10 lb., 25 lb. and 50 lb. SIZES

SUN AND SHADE MIXTURE

Lush green lawn adapted to most light conditions from full-sun to moderately shaded areas.

PLANTING RATE: 5-6 lb. per 1,000 sq. feet

- 50% 2X Proprietary Perennial Ryegrass
- 25% Proprietary Creeping Red Fescue
- 20% Proprietary Chewings Fescue
- 5% Proprietary Kentucky Bluegrass

AVAILABLE in 3 lb., 10 lb., 25 lb. and 50 lb. SIZES

SUMMER STRESS LAWN MIXTURE

Performs well in full-sun to partial shade, improved tolerance to heat, drought, wear.

PLANTING RATE: 7-8 lb. per 1,000 sq. feet

- 80% 2X Proprietary Tall Fescue
- 15% Proprietary Perennial Ryegrass
- 5% Proprietary Kentucky Bluegrass

AVAILABLE in 3 lb., 10 lb., 25 lb. and 50 lb. SIZES

TRI-RYE BLEND

Provides quick cover with a wide spectrum of traits and disease tolerance.

PLANTING RATE: 6-7 lb. per 1,000 sq. feet

- 100% Proprietary Turf-Type Perennial Ryegrass

AVAILABLE in 3 lb., 10 lb., 25 lb. and 50 lb. SIZES

VARIETY	APPROX DAYS TO GERMINATE	SEEDS PER POUND	SEEDING RATE PER 1000 SQ FT	GROWTH HABIT	LEAF BLADE TEXTURE 9 = FINEST	DROUGHT TOLERANT 9 = BEST	SHADE TOLERANT 9 = BEST	WEAR TOLERANT 9 = BEST	WINTER HARDY 9 = BEST	SPEED TO ESTABLISH 9 = BEST	LOWEST CUTTING HEIGHT	USAGE
KENTUCKY BLUEGRASS	10 - 28	2,000,000	2 - 3 lbs	spreading rhizomes	7	3	3	5	9	2	1"	sunny lawns
IMPROVED KENTUCKY BLUEGRASS	10 - 21	2,000,000	1 - 3 lbs	spreading rhizomes	8	3	4	7	9	3	3/4"	sunny and partial shade lawns
CREEPING FESCUE	7 - 21	500,000	4 - 5 lbs	stolons	6	6	8	3	9	5	1 - 1/2"	shade or low maintenance
HARD FESCUE	7 - 21	500,000	4 - 5 lbs	bunch	9	8	9	2	9	5	1 - 1/2"	shade or low maintenance
CHEWINGS FESCUE	7 - 21	400,000	4 - 5 lbs	tillers	9	7	9	3	9	3	1"	shade or low maintenance
TALL FESCUE (KENTUCKY 31)	7 - 14	200,000	8 lbs	bunch	2	8	6	9	6	7	2"	hard use and low maintenance
TURF TYPE TALL FESCUE	7 - 14	230,000	6 - 8 lbs	bunch	4	8	7	9	6	7	1 - 1/2"	low maintenance
PERENNIAL RYEGRASS	5 - 10	225,000	7 lbs	bunch	5	4	3	6	4	9	1"	quick cover and low quality turf
TURF TYPE PERENNIAL RYE	5 - 10	290,000	5 - 7 lbs	bunch	6	5	4	8	6	9	1/2"	quick cover and high quality turf
ANNUAL RYEGRASS	5 - 10	200,000	8 lbs	bunch	5	4	3	6	2	9	1 - 1/2"	quick, temporary cover nurse crop
CREEPING BENTGRASS	10 - 21	7,000,000	1/2 - 2 lbs	stolons	8	2	4	5	9	4	1/8"	golf course greens and tees
POA TRIVIALIS	7 - 18	2,500,000	2 - 3 lbs	rhizomes	8	3	9	3	9	3	1"	damp and shady areas

SEEDING INSTRUCTIONS

To be successful, there are several basic steps that need to be followed before any type of seeding is done. The following steps will help you be more successful.

NEW SEEDING

- (1) If there are any perennial weeds present, be sure to spray a product such as Roundup to kill these and other existing weeds.
- (2) After spraying, remove any existing sod, alive or dead, in the area to be seeded
- (3) Now is the best time to add topsoil or a soil additive, such as peat moss.
- (4) Apply a quality starter fertilizer, such as 16-28-10, 25% SCU, at 50 lb. per 10,000 sq. ft.
- (5) Remove any stones, sticks, or other debris.
- (6) Finish surface grade by raking, rolling or lightly dragging to level high spots and fill in low spots.
- (7) Spread seed mixtures at recommended rates. For best results, spread seed with mechanical spreader at 1/2 rate in one direction and spread 1/2 rate again at 90 degree angle to the first seeding.
- (8) Lightly roll or drag seed to get good seed to soil contact. Do not cover seed deeper than 1/8 inch. (20% of seed remaining on surface is OK.)
- (9) Lightly adding organic mulch such as Seed Aide will keep the surface from drying. If no seed or soil is visible, the mulch has been applied too heavily.
- (10) Water frequently, so soil stays moist. Seed will not come up if you let the ground dry out. Water every day until seedlings are 2-3" tall. (you may need to water more than once daily if weather is hot and dry)
- (11) After grass is growing and has been mowed 2 times, use Green Yard Lawn Food.

OVER SEEDING

- (1) The best time to over seed is early spring or early fall, avoiding extreme hot and dry conditions.
- (2) For best results, aerate or spike to open up soil to allow more moisture, nutrients, and seed into the soil.

OVER SEEDING CONTINUED

- (3) Seed at recommended rates.
- (4) If 4-8" areas are bare, tear up at least a 12" square area then seed and mulch. Firm surface with foot to get good seed to soil contact.
- (5) After new grass is growing and mowed 4-5 times, use your regular lawn food application.

TURFGRASS WATER REQUIREMENTS

All lawn grasses require moisture to maintain growth and keep foliage green. Close to an inch of water a week is needed to replace that used by the turf and lost by the soil through evaporation. At times of the year when natural rainfall accounts for this much water, no additional irrigation is required. When the amount of rainfall averages less than an inch a week, the deficit amount is needed in the form of irrigation. When using the sprinkler, remember that an inch of water over 1000 sq. ft. (50 feet x 20 feet) will amount to 625 gal. Over the course of a 3 to 4 month dry season (12 to 16 weeks), this can amount to a need for 7 to 10 thousand gallons of irrigation water for each 1000 square feet of lawn. Before you start to irrigate, be sure ample water is available and that you are willing to pay for it. The best time to water is early in the morning.

STEPS TO LAWN RENOVATION

- (1) Remove undesirable weeds from grasses.
- (2) Use a vertical mower, verticut the existing lawn. (go over damp lawn twice in opposite directions)
- (3) Rake up dead grass and thatch. (this guarantees the all important contact between seed and soil)
- (4) Aerate the soil well. (remove small cores of damp soil from the lawn which allows air, water and nutrients to pass freely to the root zone)
- (5) Add lime, fertilizer and sow seed. (it may be necessary to water several time a day in hot weather in order to keep the seed moist until they become established. Then, water 1 inch per week)
- (6) The end result - a renovated lawn. (follow an efficient program of fertilization, watering, mowing and dethatching)
- (7) Usually lawns with more than 50% weeds, require the use of a herbicide to kill all vegetation as the first step in a renovation process.

EVERYTHING STARTS WITH THE SPREADER

The proper application of any lawn management material; seed, limestone, fertilizer, or a pesticide can only be accomplished with a properly calibrated spreader. Both the spreader and the material being applied should come with specific directions for spreader settings. However, in the event that such directions are not available, the directions below can be used to calibrate a drop type spreader for any material. Broadcast spreaders are a bit more complex, since the width of your swath depends on your ground speed.

(1) Make a vee-shaped trough of heavy cardboard, wood ,or tin. Fasten this trough beneath your spreader to catch the material you want to spread. A trough made from a piece of eaves works well; simply close off the ends with masking tape.

(2) Set the spreader on the manufacturer's suggested number and cover a 100 square foot area. If your spreader is:

1 foot wide (12 in.), go forward 100 feet

1-1/2 feet wide (18 in.), go forward 66 feet

2 feet wide (24 in.), go forward 50 feet

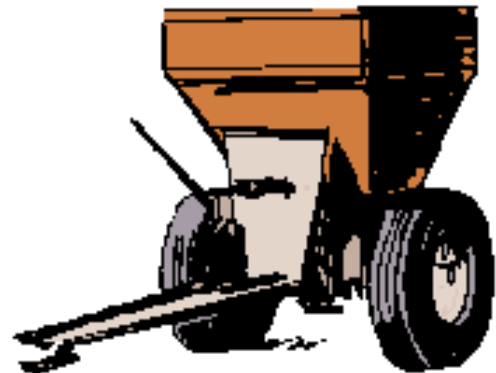
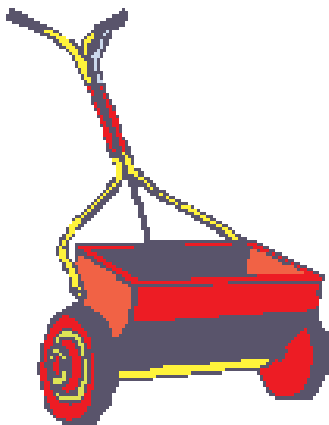
3 feet wide (36 in.), go forward 33 feet

4 feet wide (48 in.), go forward 25 feet

(3) Shut the spreader off when you have traveled the proper distance. Weigh the collected material and multiply by 10. This will give you the amount applied for 1000 square feet. Most material recommendations for lawn use are given on a 1,000 square foot basis.

(4) If you applied too much, shut the spreader down and try again. If you applied too little open the spreader up and try again. If it came out just right, record the setting number with the material used so you don't forget it for the next application.

NOTE: Material flow varies, depending on the carrier used, storage conditions, etc. To avoid damage from over application, or lack of performance due to under application. It is always best to calibrate the spreader. Most manufacturers will provide instructions for calibrating their brand of equipment upon request. An online search is also a good source for this type of information.





FOOTBALL AND SOCCER

COVERSPORTS

PREMIUM MESH SIDELINE TARPS (VCP 17x12)

A durable sideline cover that stands up to cleated football shoes, breathable, allowing water and air to pass through, with grommets on 3' spacings on all sides for secure installation.

SPECIAL ORDER ONLY

Available in 14'6" and 12' widths

Colors: Spruce Green, Royal Blue, Red, Light Gray

Can be customized with lettering, logos, barrier lines

BASEBALL

COVERSPORTS

HEAVYWEIGHT FIELDSAVER COVERS (VCP 1800)

The heaviest weighted cover available, FieldSaver VCP 1800 Covers are made from 18 oz. / Sq. Yd. reinforced PVC fabric. With its weighted hem, installation requires no stakes or sand bags.

Available in 12', 18', 26' and 30' diameters

Choose from 14 available colors to customize your field

ALL ATHLETIC TURF AREAS

FIELD SAVER

WINTER TURF COVER / GROWTH BLANKET (GC 3)

100% woven polypropylene blanket designed to extend the growing season, enhance germination and protect turf against winter kill. These blankets are reusable, have an 8 year limited warranty and have the following features:

- ◆ 3 oz./sq.yd. woven poly propylene
- ◆ 6 Ply hems, double stitched
- ◆ Translucent fabric, 90% light pass through
- ◆ Heavy duty Brass spur grommets every 5 ft.
- ◆ Reusable storage bag included
- ◆ Sod staples included for 5' placement
- ◆ Wide variety of sizes available



ATHLETIC FIELD MAINTENANCE TIPS

As you have noticed in recent news reports, there is a great concern placed on the safety of the amateur and professional athlete. While the emphasis has been placed on improving their equipment, the playing field is just as important for player safety. Therefore, equal attention should be given to providing a safe and sound playing surface through proper maintenance.

SUMMER

Soak turf well in 5 to 7 day intervals when natural rainfall is below 1". Deep watering is more beneficial.

Clip unused athletic fields to 2" to 3". The higher cut helps develop stronger healthier grass. Mow frequently whenever grass is 1/2" - 1" above recommended height.

Fields being used should be trimmed regularly at 1-1/2" to 1-3/4". Mow often so long clippings do not accumulate and add to the thatch layer.

During hot summer weather, when irrigation is used, place the turf on a light feeding program. Treat in late June and again in mid August .

Watch for wear on turf and schedule activities so the grass can recover between events. Practice sessions should be held in other areas marked like an athletic field.

FALL

Trim bluegrass and tall fescue at 1-1/2" to 1-3/4" during the playing season. Tall fescue should be maintained at 3" during the non-playing season.

Irrigate frequently with large amounts of water and allow soil surface to dry before games.

Overseed thin spots with turf type perennial ryegrass. Water frequently, using small amounts of water for rapid germination and establishment.

Use a mechanical aerifier early in the season, before games start. A machine that removes plugs of soil is recommended.

Break up surface crusts by using a mechanical spiker. Fields may be spiked once or twice a week.

Fertilize turf with 20-5-10, 50% SCU at 5 lb per 1000 sq. ft. in late August. A similar application should be made in mid-September. Other lime or nutrient requirements should be determined through the use of a soil test.



PROFILE POROUS CERAMICS

A true porous ceramic product engineered to permanently change the soil structure by managing oxygen and water pore space in the soil. The result is an optimal environment for root growth. Profile porous ceramic products retain moisture in the root zone without reducing drainage. They provide a balance of vital water and air holding pore space in the soil. The porous ceramic material stores nutrients, improves drainage and prevents compaction.

PROFILE GREENS GRADE

Meets or exceeds the USGA recommendations for putting green construction. Also available in green on a special order basis. **50 lb. bag.**

PROFILE FIELD AND FAIRWAY

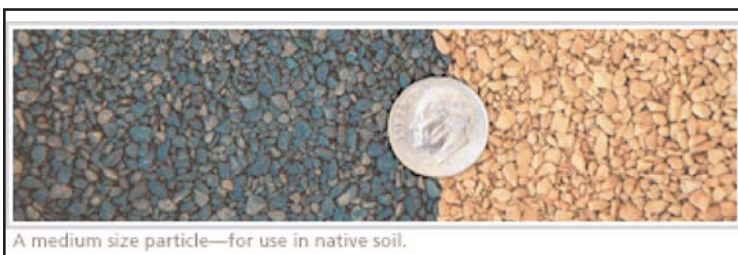
Helps turf survive in native soil under intense traffic. Use Field and Fairway as a topdress to remove puddles, along cart paths and green walk-up areas to prevent compaction and during construction or top-dressing out tees fairways and roughs. **50 lb. bag.**

PROFILE FIELD AND FAIRWAY EMERALD

Emerald is the latest enhancement of Profile Porous Ceramic (PPC). There is a particle size for every area of the golf course. The rich color blends in and becomes less noticeable. It improves the overall aesthetics immediately and aids in moisture retention and compaction control through balancing air and water pore space in the root zone. It does so permanently since it does not break down or decompose. **50 lb. bag.**



Our smallest particle—ideal for use on sand-based greens.



A medium size particle—for use in native soil.

TURFACE® is a calcined clay product that sets the standard for sports field management. **TURFACE** is used by 3 out of 4 major and minor league baseball and NFL groundskeepers for superior drainage and absorption.

TURFACE MVP

Traditional sized infield material and top dressing for turf areas. **50 lb. bag.**

TURFACE PRO LEAGUE

Somewhat smaller particle size than **MVP** that creates a smoother sliding surface. Also good for top dressing turf areas. **50 lb. bag. (Also available in Red and new Heritage Red)**

TURFACE QUICK DRY

Powdered clay that eliminates puddles and standing water. Will not become slippery, cake or turn rock hard when dry. **50 lb. bag.**

TURFACE PROFESSIONAL MOUND CLAY - RED

Ultra fine particles of pure fine clay used to build, rebuild or repair pitcher's mounds, batter's and catcher's boxes. **TURFACE MOUND CLAY** will eliminate the constant maintenance normally needed for those areas. **50 lb. bag.**

TURFACE MOUND MASTER BLOCKS - RED

Mound Clay in brick form. Eliminates the need for a lot of tamping and compacting of the loose mound clay. Makes rebuilding projects easier and faster. **304 bricks per pallet.**

TURFACE MVP, PRO LEAGUE, FIELD AND FAIRWAY ARE AVAILABLE IN BULK (22-24 TONS PER LOAD)

Contact your *SEEDWAY* representative for details



MVP Incorporation
May 15, 2006



Field Appearance
July 7, 2006

HYDROSTRAW ORIGINAL

Hydrostraw mulch is an innovative mulch product made in the USA. It consists of a specially formulated composition of annually renewable fibers, tackifier and additives.

Hydrostraw provides more uniform coverage, a quicker and easier loading procedure and requires less water for application. **Packaged in 50 lb. bale.**



HYDROSTRAW GUAR PLUS

Contains the same processed fibers as Hydrostraw Original along with the addition of Guar Plus pre-mixed. The Guar Gum tackifier enhances the chemical bond with the soil for better erosion control. The Hydrostraw Guar Plus eliminates the fish eyes that can form with field mixing and reduces guar gum breakdown by heavy rainfall events. **Available by special order in trailerload and 1/2 trailerload quantities.**

Packaged in 50 lb. bale



HYDROSTRAW BFM

Provides superior erosion protection for steep slopes with its long natural fibers for matrix entanglement. Hydrostraw BFM contains 10% of a proprietary soil binding agent, making this product more cost effective than erosion blankets. **Available by special order in trailerload and 1/2 trailerload quantities. Packaged in 50 lb. bale.**



SOIL GUARD BY MAT, INC.

Soil Guard is a bonded fiber matrix that conforms to the surface contours and dries to a re-wettable flexible mat. This product minimizes the impact of heavy rain, remains cohesive and bonded to the soil, locking seed and fertilizer in place for cost effective vegetative establishment. **Packaged in 50 lb. bale.**



FLEX GUARD BY MAT INC.

Flex Guard is a fiber reinforced matrix (FGM) with long wood fibers to interlock with synthetic connectors and binding agents to form a lofted erosion control matrix. This provides impact protection, air circulation and moisture retention that promotes seed germination and plant growth. **Available in trailerload and 1/2 trailerload quantities. Packaged in 50 lb. bale.**



APPLICATION RATES

Manufacturers Suggested Rates

TERRA MULCH 100% PAPER CELLULOSE

≤ 4:1 SLOPE 1500 LB PER ACRE

TERRA MULCH 70/30 BLEND

≤ 3:1 SLOPE 2000 LB PER ACRE

≤ 4:1 SLOPE 1500 LB PER ACRE

TERRA MULCH 100% WOOD

≤ 2.5:1 SLOPE 2500 LB PER ACRE

≤ 3:1 SLOPE 2000 LB PER ACRE

≤ 4:1 SLOPE 1500 LB PER ACRE

TERRA MULCH 80/20 WOOD BLEND

≤ 2.5:1 SLOPE 2500 LB PER ACRE

≤ 3:1 SLOPE 2000 LB PER ACRE

≤ 4:1 SLOPE 1500 LB PER ACRE

HYDRO BLANKET BFM

≤ 1:1 SLOPE 4000 LB PER ACRE

≤ 2:1 SLOPE 3500 LB PER ACRE

≤ 3:1 SLOPE 3000 LB PER ACRE

FLEXTERRA FGM 60 LB / 150 GAL WATER

>1:1 SLOPE 4000 LB PER ACRE

2:1 SLOPE 3500 LB PER ACRE

<3:1 SLOPE 3000 LB PER ACRE

HYDROSTRAW 60 LB / 100 GAL WATER

≤ 2:1 SLOPE 3000 TO 4000 LB PER ACRE

≤ 3:1 SLOPE 2000 TO 3000 LB PER ACRE

≤ 4:1 SLOPE 2000 LB PER ACRE

HYDROSTRAW GUAR PLUS

60 LB / 100 GAL WATER

≤ 2:1 SLOPE 3000 LB PER ACRE

≤ 3:1 SLOPE 2500 LB PER ACRE

≤ 4:1 SLOPE 2000 LB PER ACRE

HYDROSTRAW BFM 60 LB / GAL WATER

≤ 1:1 SLOPE 4500 LB PER ACRE

≤ 2:1 SLOPE 3500 LB PER ACRE

≤ 3:1 SLOPE 3000 LB PER ACRE

SOIL GUARD BFM 50 LB / 100 GAL WATER

≤ 1:1 SLOPE 4000 LB PER ACRE

≤ 2:1 SLOPE 3500 LB PER ACRE

FLEX GUARD FGM 50 LB / 100 GAL WATER

≤ 1:1 SLOPE 3000 TO 4000 LB PER ACRE



Established in 2002, East Coast Erosion Blankets began with a vision to meet the industry's demand for a quality erosion blanket. East Coast's Blankets are packaged for efficiency in storage and installation, requires less overlapping hence a smaller material requirement per square foot. East Coast's products have been approved by DOT's across the U.S. and they are a participant of the National Transportation Product Evaluation Program. Seedway is proud to offer the best erosion blanket product on the market.

EAST COAST EROSION BLANKETS

Photodegradable Straw & Coconut Blankets

ECS-1	Single Net Straw	7.5' x 120'
ECS-1A	Single Net Straw	3.75' x 240'
ECS-2	Double Net Straw	7.5' x 120'
ECS-2A	Double Net Straw	3.75' x 240'
ECSC-2	Double Net Strw/Cnut	7.5' x 120'
ECC-2	Double Net Coconut	7.5' x 120'

Mega rolls (15' X 120') available by special order

Photodegradable Excelsior Blankets

ECX-1	Single Net Excelsior	7.5' x 120'
ECX-1A	Single Net Excelsior	3.75' x 240'
ECX-2	Double Net Excelsior	7.5' x 120'
ECX-2A	Double Net Excelsior	3.75' x 240'

Green excelsior available by special order

Biodegradable Erosion Blankets

ECS-1B	Straw Single Net Biodegradable
ECS-2B	Straw Double Net Biodegradable
ECSC-2B	Straw/Cnut Double Net Biodegradable
ECC-2B	Coconut Double Net Biodegradable

Typical roll size: 7.5' X 120'

Permanent Turf Reinforcement Mats

ECP-2	Double Net Polypropylene TRM
ECSC-3	Triple Net Straw / Coconut
ECC-3	Triple Net Coconut
ECP-3	Triple Net Polypropylene TRM

Typical roll size: 7.5' X 120'

Sediment Retention Devices / Wattles

Straw	9" x 20'	12" x 10'	20" x 12'
Excelsior	-	12" x 10'	20" x 12'
Mulch	9" x 20'	12" x 30'	-
Coir	-	12" x 10'	-

ENVIRONET BLANKET

This blanket is the most effective form of erosion control material on the market. Futerra is a lightweight, non-woven blanket comprised primarily of virgin wood fiber with a photodegradable polypropylene netting on one side. Available in 40" & 82" width by 135' in length. Color is green or natural.

GROUNDSKEEPER HEAVY JUTE MATTING

Constructed of an open weave of undyed and unbleached single jute yarn. Jute matting is a low cost and effective form of erosion control. Available in 4' x 225' rolls.

SILT FENCE

Heavy duty fences with Oak posts on 8 foot centers. Available in 24" X 100 ft. or 36" X 100 ft. bundles.

Also:

- Reinforced mesh silt fence: 36" x 100" rolls.
- PennDot-approved silt fence: 42" x 100' rolls.
- Super Silt Fence: 36" x 300' kits.

STEEL SOD STAPLES

11 gauge x 6"	1000 per case
8 gauge x 8"	500 per case

Also:

9" x 1/4" Kinked Candy Cane Ground Cover Stakes: Available in safety yellow. Special order only.



Blankets vs. No Blankets



FORMULA	NAME	PRIMARY						SECONDARY						MICRONUTRIENTS						SIZE
		NITROGEN			PHOS P2O2	POTASH K2O	Mg	S	Ca	Fe	Zn	Cu	Mn	B	Mo	SGN				
		TOTAL	NITRATE	AMM													UREA	SLOW REL		
		19.0	-	1.57	11.73	5.70	4.0	9.0	-	-	-	-	-	-	-	-	220			
15-0-5	25% SCU, .20% Mallet	15.0	-	1.17	12.33	4.50	3.0	6.0	-	-	-	-	-	-	-	220				
18-3-6	25% SCU, .125 Dimension	18.0	-	1.17	12.33	4.50	3.0	6.0	-	-	-	-	-	-	220					
15-5-5	40% SCU, .84% Trimec	15.0	-	1.95	7.05	6.00	5.0	5.0	-	-	-	-	-	-	220					
20-5-10	50% SCU	20.0	-	1.95	8.05	10.00	5.0	10.0	-	-	-	-	-	-	220					
19-19-19	Mineral	19.0	-	7.43	11.57	-	19.0	19.0	-	-	-	-	-	-	220					
16-28-10	25% SCU	16.0	-	10.95	1.05	4.00	28.0	10.0	-	-	-	-	-	-	220					
10-20-20	Mineral	10.0	-	7.83	2.17	-	20.0	20.0	-	-	-	-	-	-	220					
10-10-10	Mineral	10.0	-	3.91	6.09	-	10.00	10.00	-	-	-	-	-	-	220					
10-6-4	50% SCU	10.0	-	2.35	2.65	5.00	6.00	4.00	-	-	-	-	-	-	220					
5-10-10	Mineral	5.0	-	3.91	1.09	-	10.00	10.00	-	-	-	-	-	-	220					
		MICRONUTRIENT PACKS AVAILABLE FOR ANALYSIS ORDERED IN 2-TON INCREMENTS						6%	6%	13%	10%	0.05%	0.05%	2%	0.005%	-				

FORMULA	SQUARE FEET PER 50 POUND BAG								1 # N
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N	1 # N	1 # N	1 # N	
19-4-19	152,000	76,000	38,000	19,000	9,500	9,500	9,500	9,500	84
18-3-6	144,000	72,000	36,000	18,000	9,000	9,000	9,000	9,000	88
18-3-6	144,000	72,000	36,000	18,000	9,000	9,000	9,000	9,000	88
15-5-5	120,000	60,000	30,000	15,000	7,500	7,500	7,500	7,500	106
20-5-10	160,000	80,000	40,000	20,000	10,000	10,000	10,000	10,000	80
19-19-19	152,000	76,000	38,000	19,000	9,500	9,500	9,500	9,500	84
16-28-10	128,000	64,000	32,000	16,000	8,000	8,000	8,000	8,000	100
10-20-20	80,000	40,000	20,000	10,000	5,000	5,000	5,000	5,000	160
10-10-10	80,000	40,000	20,000	10,000	5,000	5,000	5,000	5,000	160
10-6-4	80,000	40,000	20,000	10,000	5,000	5,000	5,000	5,000	160
5-10-10	40,000	20,000	10,000	5,000	2,500	2,500	2,500	2,500	320

FORMULA	OUNCES PRODUCT PER 1,000 SQUARE FEET								1 # N
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N	1 # N	1 # N	1 # N	
19-4-19	5	11	21	42	84	84	84	84	84
18-3-6	6	11	22	44	88	88	88	88	88
18-3-6	6	11	22	44	88	88	88	88	88
15-5-5	7	13	26	53	106	106	106	106	106
20-5-10	5	10	20	40	80	80	80	80	80
19-19-19	5	11	21	42	84	84	84	84	84
16-28-10	6	12	25	50	100	100	100	100	100
10-20-20	10	20	40	80	160	160	160	160	160
10-10-10	10	20	40	80	160	160	160	160	160
10-6-4	10	20	40	80	160	160	160	160	160
5-10-10	20	40	80	160	320	320	320	320	320

Water Soluble Fertilizers



FORMULA	NAME	PRIMARY						SECONDARY						MICRONUTRIENTS						CCE	POTENTIAL
		NITROGEN			PHOS P2O2	POTASH K2O	Mg	S	Ca	Fe	Zn	Cu	Mn	B	Mo						
		TOTAL	NITRATE	AMM												UREA					
20-20-20	Multi-Purpose Plus	20.0	5.50	3.50	11.00	20.0	20.0	0.00	0.00	0.00	0.10	0.05	0.05	0.02	0.01	0.01	0.01	580	acidity		
25-0-25	No Phosphate Plus	25.0	7.50	0.00	17.50	0.0	25.0	0.00	0.00	0.00	0.20	0.02	0.06	0.01	0.01	0.01	0.01	370	acidity		
25-5-20	Bermuda Grass Plus	25.0	6.00	2.50	16.50	5.0	20.0	0.00	1.70	0.00	0.20	0.02	0.06	0.01	0.01	0.01	0.01	647	acidity		
28-8-18	Bent Grass Plus	28.0	4.80	1.00	22.20	8.0	18.0	0.00	0.00	0.00	0.20	0.02	0.06	0.01	0.01	0.01	0.01	760	acidity		
30-10-10	Landscape Plus	30.0	3.00	2.00	25.00	10.00	10.00	0.00	0.00	0.00	0.20	0.20	0.06	0.01	0.01	0.01	0.01	1129	acidity		
16-32-16	Hydroseeder Plus	16.0	3.80	5.30	6.90	32.00	16.00	0.06	0.00	0.00	0.20	0.02	0.06	0.01	0.01	0.01	0.01	700	acidity		

FORMULA	SQUARE FEET PER 25 POUND BAG					1 # N
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N	
20-20-20	80,000	40,000	20,000	10,000	5,000	5,000
25-0-25	100,000	50,000	25,000	12,500	6,250	6,250
25-5-20	100,000	50,000	25,000	12,500	6,250	6,250
28-8-18	112,000	56,000	28,000	14,000	7,000	7,000
30-10-10	120,000	60,000	30,000	15,000	7,500	7,500
16-32-16	64,000	32,000	16,000	8,000	4,000	4,000

FORMULA	SQUARE FEET PER 25 POUND BAG					1 # N
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N	
16-32-16 *	128,000	64,000	32,000	16,000	8,000	8,000

* rates below based on Phosphate (P2O5)

FORMULA	OUNCE PRODUCT PER 1,000 SQUARE FEET							
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N			
20-20-20	5	10	20	40	80			
25-0-25	4	8	16	32	64			
25-5-20	4	8	16	32	64			
28-8-18	4	7	14	38	56			
30-10-10	3	6	13	26	53			
16-32-16	1	2	4	8	16			

FORMULA	OUNCE PRODUCT PER 1,000 SQUARE FEET				
	1/16 # N	1/8 # N	1/4 # N	1/2 # N	1 # N
16-32-16 *	3	7	13	25	50

* rates below based on Phosphate (P2O5)

Making Every Drop Count



TURF SEED SALES and SERVICE

SEEDWAY® LOCATIONS

HALL, NY

NY, Northern PA

800-836-3710

SHOREHAM, VT

New England

888-863-9099

MIFFLINBURG, PA

PA, MD, DE, NJ

800-338-2137

EMMAUS, PA

800-225-4131

MORE OPTIONS, BETTER VALUE™