

Prelude

turf type perennial ryegrass

Improvements through breeding
One of the new generation ryegrasses.

Palmer Turf-Type
Perennial Ryegrass
"The grass seed I use
with confidence."

Arnold Palmer

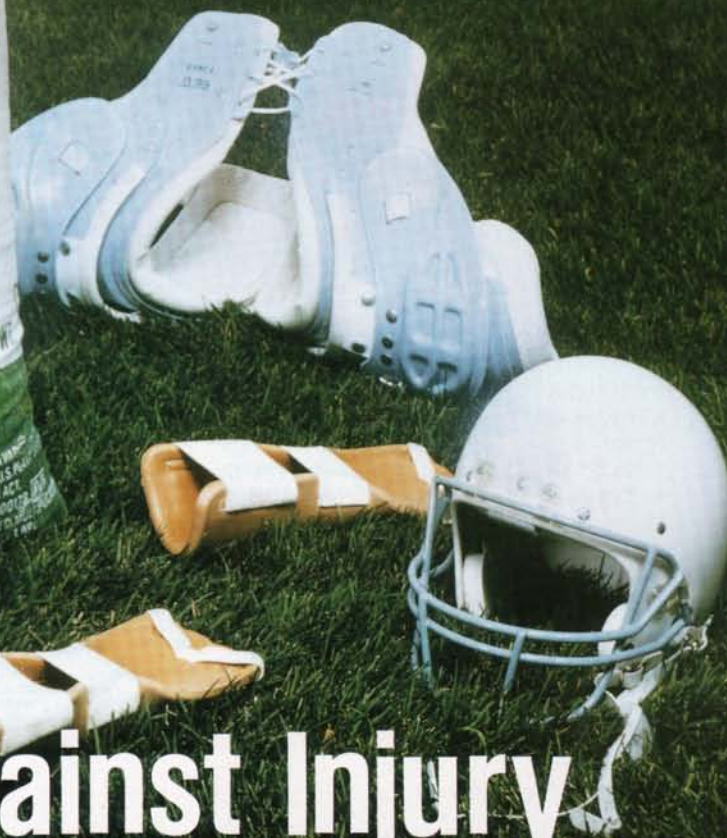


50 LBS.

PALMER IS A PRODUCT OF
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PROTECTION ACT. P.V.P. NO. 8206177
UNAUTHORIZED SEED MULTIPLICATION
PROHIBITED BY LAW



Protection Against Injury

Well-maintained turf could mean as much as a 20%* reduction in injuries.

That's why you should know about Palmer and Prelude perennial ryegrasses. These turf-type ryes have been developed at Rutgers University to provide exactly the kind of turf you need. They grow well in all types of weather and soil conditions, and establish themselves quickly after seeding. Both Palmer and Prelude are attractive; they green up early in

spring and stay green until late fall. They provide a consistently dense, uniform carpet to cushion the impact of a player's fall. Their tough leaf tissue takes the abuse and traffic any team can dish out.

To keep injuries down, take every precaution. And make Palmer or Prelude perennial rye part of your safety program.

Five-step seeding program to safer athletic turf

- 1. September (First Week)**
Overseed with Palmer or Prelude, 200 lbs. Recommend aeration or verticutting prior to overseeding. Use dragmat to work seed into soil.
- 2. September (Third Week)**
Overseed with Palmer or Prelude, 100 lbs. Broadcast seed uniformly over concentrated play areas.
- 3. October (First Week)**
Overseed with Palmer or Prelude, 100 lbs. Broadcast seed and let traffic of game work seed into soil.
- 4. November (Fourth Week)**
Overseed with Palmer or Prelude, 200 lbs. Follow step 1. Seed will not germinate at this time but will make soil contact through freeze/thaw cycle resulting in early spring germination.
- 5. April (Second Week)**
Overseed with Palmer or Prelude, 200 lbs. Broadcast seed uniformly over entire field to fully restore turf.

Amounts are based on 80,000 sq. ft. - one entire football or soccer field. They should be adjusted according to field conditions. Proper irrigation and fertilization required.



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*Harper, J.C. et al. "Turf Management, Athletic-Field Conditions, and Injuries in High School Football," Progress Report 384, The Pennsylvania State University, College of Agriculture, University Park, PA 16802, December 1984.

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ROOKIES

PRODUCT UPDATE

TRAINING VIDEO



"Softball and Baseball Field Maintenance and Safety" is a 25-minute VHS video training program designed to help softball and baseball facility managers train their personnel in the preparation and maintenance of playing fields. The program demonstrates important field inspection and maintenance methods, which can help reduce player injuries and potential lawsuits.

The main program segments include: defining risk management, setting up a maintenance program, grading and drainage of skinned areas, keeping an obstruction-free playing surface, base selection and installation, fencing maintenance, turf management, lighting inspection, bleacher safety, and foul line maintenance. The video can be used to meet in-service training and continuing education requirements. It comes with a sample

safety checklist, a program reference manual, and video review questions.

THE INFORMATION EXCHANGE

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SPRAY CHALK

Mark-It is a convenient, versatile aerosol chalk that is easily applied from a spray can. This high-visibility product can be used for temporary marking, as well as touch-up work on baseball diamonds, golf courses, playing fields, and other turf areas.

AMERICAN MARKING CORP.

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INFIELD SOIL ADDITIVES

Designed for infield dirt surfaces, Stabilizer is a non-toxic, premium organic soil additive. It is soil glue which binds a soil mix to produce a firm, consistent playing surface, and its compatibility with water promotes damp soil consistency.

Use of this soil additive can help control infield consistency by producing a surface whose mechanical properties are consistent over an extensive range of moisture content. In addition, it helps prevent erosion

and control dust.

Stabilizer Red is a mix of red decomposed granite fines and Stabilizer. This combination produces an infield conditioner that compacts for a firm base and is easily scarified to produce the desired infield cushion. It can also be used as a drying agent in dirt or grass.

STABILIZER, INC.

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PEAT

Dakota Reed-Sedge Peat can be used as a soil conditioner and growing medium. It is formed principally from partially decomposed reeds, sedges, marsh grasses, and other associated plants, which have a unique cellular structure that resists further decomposition. These cells, which have a high plant-feeding ability, are essential for successful development of a plant's root system and the correct balance of air and water.

The peat has a pH range from 6.5 to 7.0, which is ideal for growing most plants. It has a high nutrient-holding capacity and rewets easily. Used as a topdressing, it adheres to the soil and does not float away. It is ideal for use in the construction of golf greens.

PIONEER PEAT, INC.

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& SMOOTH PLAYING SURFACES

WETTING AGENT

Hydro-Wet, a turf and soil wetting agent, can increase water-use efficiency without increasing water use. The product is formulated to reduce water's cohesive surface and adhesive tensions. It allows water to spread, ensuring uniform, thorough wetting and infiltration.

By modifying water, the wetting agent increases its ability to infiltrate soil, turf, or dense thatch. Moving water rapidly into the soil reduces moisture loss from runoff and evaporation, and lessens soil erosion and root exposure.

With the increased soil moisture provided by this product, turf can better handle periods of drought, and rewetting is easier. Hydro-Wet quickly drains puddles or areas of standing water. It can help reduce the effects of soil compaction and help eliminate dry spots.

KALO, INC.

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NATURAL SURFACES AND SUPPLIES FOR BASEBALL, GOLF, TENNIS, BOCCIE, HORSESHOES, VOLLEYBALL, TRACKS, PLAYGROUNDS, EQUESTRIAN, FOOTBALL, SOCCER & OTHER SPORTS!

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PARTAC PEAT CORPORATION, KELSEY PARK, GREAT MEADOWS, N.J. 07838

ROOKIES

PRODUCT UPDATE

GREENSMOWER BRUSH



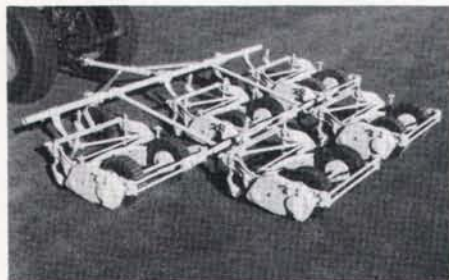
Originally designed by a golf course superintendent, Flex-Brush is actually a set of three brushes that can quickly attach to the cutting units of Toro and Jacobsen greens mowers to brush a swath as wide as each mower's cutting width.

On a light topdressing application, Flex-Brush enables the user to brush in sand faster than a green can be mowed. It can also be used for filling holes in greens after deep time aeration.

STANDARD GOLF COMPANY

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FIVE-GANG MOWER



The Hi-Cut Five-Gang Mower adjusts to both low and high grass-cutting heights with Roseman's combination Hi-Low-Cut frame. Equipped with large, heavy-duty four- or five-blade reels, the mower can meet the demands of tall, thick turf mowing.

In addition, the mower's rear-drive design enables it to hug the ground for uniform trimming, especially in hard-to-reach areas. Laminated, puncture-proof tires are standard.

ROSEMAN MANUFACTURING COMPANY

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DRAINAGE MATERIAL

J-DRain SD-6 and SD-12 are in-ground drainage materials manufactured with a rot-

proof filter fabric wrapped and bonded to a high-density polyethylene drainage core. They can be used in natural and synthetic turf.

The drainage materials are installed in narrow shallow trenches. They intercept

surface runoff, flow through the turf and root zone, and shallow groundwater. Soil particles are held back by the filter fabric while water passes through to the drain.

JDR ENTERPRISES, INC.

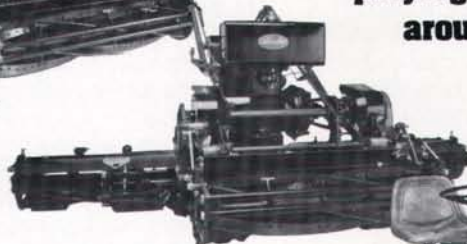
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Locke Triplex



Locke Professional

On baseball, football, soccer fields and golf courses, Locke's cutting edge, a unique scissor action, produces a clean and uniform cut unmatched by the competition. While other mowers shatter or shear the grass, Locke reel mowers actually cut each blade of grass cleanly and consistently. The result is a uniform playing surface that maintains its healthy, green appearance and helps improve the quality of play.

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For the name of your nearest authorized dealer, contact Locke today.

THE LOCKE CUT VS. A TYPICAL MOWER CUT



Each blade of grass is cut cleanly and at a uniform height, which means healthier, greener turf.



Other mowers shatter the blades of grass, leaving uneven ragged ends which turn brown and expose the turf to disease.



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Dealer Inquiries Invited.

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ROOKIES

PRODUCT UPDATE

RETENTION SYSTEM



C-Loc seawall panels can be used as a basic construction material for a variety of water/landscaping applications, including housing and commercial developments, golf courses, and land reclamation projects. In rural areas, C-Loc panels have been installed along waterways to prevent runoff of fertilizers and pesticides.

The system consists of extruded, heavy-duty, exterior-grade PVC panels. Its unique C-shaped design locks individual panels together in a 330-degree mating connection for a strong, virtually watertight seal. With a corrugated shape for added strength, the panels are 9.5 inches wide and 0.25 inch thick. They can withstand freezing conditions in both saltwater and freshwater, will not rot or rust, and do not require painting.

C-LOC RETENTION SYSTEMS, INC.

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TURF GROOMER



The Seko Model BM27 turf groomer is a power sweeper, mulcher, dethatcher, mower, and roller in one machine. Its 50-cubic-foot hopper is available in a ground or high lift dump.

Self-contained hydraulics control sweeping, mowing, and dumping. The unit has a 62-inch cutting swath, and will pick up clippings, leaves, twigs, cones, and bottles.

AR ASSOCIATES, INC.

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TURF MATS

Comprised of four different layers, E-Z Lay Turf Mats are preseeded wood fiber mats which are five feet wide by 50 feet long. The bottom layer is a light, 3/4-by-3/4-inch reinforcing mesh which is attached to the fiber matting to give the product strength during shipping and installation. The next layer is a blend of superabsorbent fiber and is 3/8 inch thick. The seed is metered onto the top of the mat and held in place by light cellulose scrim, which is attached to the fiber layer by a needling process.

The turf mats can be grown on concrete or plastic, and once the grass roots intertwine with the reinforced mesh on the bottom, they can be rolled up and installed pregrown. They weigh 2.5 ounces per square foot, which makes them easy to transport and install. They can be cut easily with a pair of scissors. Unused portions can be stored for future installation.

The cellulose scrim on the top of the mat protects the seed from insects and birds. The mats are sterilized before seeding to provide a pathogen-free growing environment. Bluegrass, improved perennial ryegrass, common bermuda, tall fescue, fine red fescue, and bentgrass mats, as well as custom seeded mats, are available.

INTERNATIONAL ABSORBENT PRODUCTS, INC.

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