



**STOVER SEED®**

*Teaming confidence with nature since 1922*



## Technical Data and Information Product Sheet

# PRO SPORTSFIELD ULTRA™ Hybrid Turfgrass Mixture

### DESCRIPTION

A truly unique product that combines the worlds first hybrid seeded bermudagrass with the latest improved perennial ryegrasses. These grasses provide the best combination of quick establishment, durability and attractiveness in all seasons. It will withstand low mowing heights with the Arden 15 Bermuda going as low as 3/16 inch. Arden 15 performs better than many vegetative Bermuda varieties with better winter color and improved drought tolerance. This mixture is a TWCA qualified product which means that these grasses have successfully met a stringent set of criteria that have been documented and have proven water conservation benefits.

### CHARACTERISTICS

#### Features

- Highest density of all seeded bermudagrass varieties
- Superior heat and drought tolerance
- Stoloniferous and rhizomatous growth habit
- Excellent, warm weather seedling vigor
- Better bermudagrass cold tolerance

#### Benefits

- Improved traffic tolerance
- Meets water conservation goals
- Outstanding wear tolerance and recovery
- Fast establishment
- Stays green longer

### USES

Pro Sportsfield Ultra is a natural for high traffic areas such as:

- \* Sportsfields
- \* Parks
- \* Golf Courses
- \* Playgrounds
- \* Lawns
- \* Dog Parks

### SEEDING RATES

New turf: 10-12 pounds per 1,000 square feet or 400-500 pounds per acre.  
Overseeding existing turf: 7 to 10 pounds per 1,000 square feet or 300 to 400 pounds per acre.

### ESTABLISHMENT

Warm season grasses such as bermuda should be seeded when daytime temperatures are consistently 80 degrees or greater (generally between the months of April and October) Emergence can be anywhere between 7 and 21 days. The higher the soil temperature, the quicker the germination as long as there is adequate moisture (irrigation). First mowing approximately 21 days after emergence.

### SPECIFICATIONS

#### PRO SPORTSFIELD ULTRA™

- Rainwater Perennial Ryegrass
- Manhattan 5 GLR Perennial Ryegrass
- Arden 15 Hybrid Bermudagrass (coated)

- 83% Minimum purity
- 90% Minimum germination
- 230,000 seeds per pound
- Origin: Oregon/Arizona

Varieties listed are protected under the U.S. Plant Variety Protection Act



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## CULTURAL INFORMATION

### Water Requirements

Frequent, light watering is necessary for seed to germinate and become established. The grasses in this mixture are both cool and warm season grasses. Once the grass becomes established it has the ability to withstand summer drought conditions under reduced irrigation schedules. For landscape professionals that use irrigation systems and calculations, perennial ryegrass can be irrigated at 80% of average  $ET_0$  (Reference Evotranspiration) rates. Specific information on Turfgrass irrigation schedules and ET rates can be found at <http://ucanr.edu/sites/UrbanHort/> and at <http://ag.arizona.edu/pubs/water/az1195.pdf> and <http://anrcatalog.ucdavis.edu/pdf/8395.pdf> General irrigation guidelines dictate that turf should be watered in early morning hours and that about 3/4 of an inch of water should be applied but not to the point of runoff.

### Climate Conditions

This mixture is suitable to all climate conditions. Water usage is lowest in coastal climates with highest use in desert regions. Once it becomes established it can withstand periods of increased heat and drought.

### Soil Conditions

Well drained soil (clay or sandy) with a pH of 5.5 to 8.5.

### Fertilization

Use of a starter fertilizer when seeding is highly recommended. After establishment fertilize during periods of active growth in warm months with a balanced fertilizer. Avoid using products with a high nitrogen (N) content as such use increases water use. Application rates should be between 0.5 and 1 pound of nitrogen (N) per 1,000 square feet per month during the growing season.

### Mowing

Ideal mowing height for sportsfields is between .5 and 1 inch. The Princess 77 hybrid Bermuda can tolerate as low as 3/16 inch. Higher mowing heights favor perennial ryegrass while lower mowing heights favor bermudagrass.

## TWCA

Pro Sportsfield Supreme is a "TWCA" qualified product that has been bred and tested to withstand longer periods of drought stress. The testing involves the establishment of the turf grass under optimal conditions allowing the full expression of above-ground and below ground growth and then impose a long term water deficit stress. During the development of drought stress, turf grass plots are monitored for their ability to maintain green cover under protracted drought stress, a process which identifies those cultivars with either low water use or extensive root systems. Cultivars or selections that maintain green cover for longer periods can reduce overall water needs.

Drought tests are conducted by the Turf Grass Water Conservation Alliance (TWCA). This non-profit organization has established a science-based method for qualifying cultivars for drought tolerance and other characteristics related to water conservation of grass seeds at low cost.

Studies are conducted in approved structures that restrict natural rainfall on the plot area during the drought stress period. The entries are replicated four times in a randomized complete block design. Planting rates for each species reflect industry standards. Following establishment, each species is maintained appropriately and fertilized according to standard practices. Plots are maintained for a single growing season prior to initiating drought stress. Drought stress is replicated for two years in one location, or one year at multiple locations. The response of entries to drought stress is evaluated two times weekly using digital image analysis techniques to quantify the percent of green turf cover for each plot as drought becomes more severe. When all plots fall below a 25% green turf cover, the experimental area is saturated to initiate drought recovery. Thereafter, the experimental area is irrigated weekly and recovery of entries from drought evaluated weekly using digital image analysis until plots reach 100% green cover.

## HELPFUL LINKS

Stover Seed: [www.stoverseed.com](http://www.stoverseed.com)

Turfgrass Water Conservation Alliance: [www.tgwca.org](http://www.tgwca.org)

University of California: <https://anrcatalog.ucdavis.edu/pdf/8395.pdf>

National Turfgrass Evaluation Program (NTEP): [www.ntep.org](http://www.ntep.org)



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