



STOVER SEED®

Teaming confidence with nature since 1922

Technical Data and Information Product Sheet

SULTAN Improved Bermudagrass

DESCRIPTION

Sultan brand (variety FMC-6) represents the best of a new generation of improved, seeded turf-type bermudagrass varieties. Significantly improved density, medium fine texture, dark green color and maximum uniformity set Sultan apart from other seeded bermudagrasses. **Bermudagrass is classified as “California Friendly” by California Water Agencies and recommended for use in landscapes as a low water user.**

CHARACTERISTICS

Features

Superior heat and drought tolerance
Rhizomatous and Stoloniferous growth habit
Excellent, warm weather seedling vigor
Medium texture

Benefits

Meets water conservation goals
Outstanding wear tolerance and recovery
Fast establishment
Uniform growth habit

USES

Sultan can be grown successfully as turf on:

- | | | |
|----------------|---------|---------------------------|
| * Golf Courses | * Parks | * Sportsfields |
| * Playgrounds | * Lawns | * Commercial Developments |

SEEDING RATES

New turf: 4 pounds per 1,000 square feet or 172 pounds per acre.

Overseeding existing turf: 1 to 2 pounds per 1,000 square feet or 43 to 86 pounds per acre.

ESTABLISHMENT

Warm season grasses such as bermudagrass should be seeded when daytime temperatures are consistently 80 degrees or greater (generally between the months of April and October). Germination is delayed if soil temperatures are below 65 degrees F. Emergence can be anywhere between 14 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

FMC-6 SULTAN BRAND BERMUDAGRASS SEED

49% Minimum purity, hulled coated seed
50% Coating material
80% Minimum germination
900,000 seeds per pound



STOVER SEED®

9180 San Fernando Rd * P.O. Box 1579 * Sun Valley, CA 91353

213-626-9668 * 800-621-0315 * FAX 213-626-4920 * www.stoverseed.com

CULTURAL INFORMATION

Water Requirements

Frequent, light watering is necessary for seed to germinate and become established. Bermudagrass is a warm season grass. Once the grass becomes established it has the ability to withstand summer drought conditions under reduced irrigation schedules. For turf managers that use irrigation systems and calculations, Bermudagrass can be irrigated at 60% of average ET_0 (Reference Evapotranspiration) rates to achieve optimum turf quality. Because of the ability of warm season grasses to establish roots at a depth of 3 feet or more it is able to draw water from a larger soil profile which enhances its drought tolerance. **As a result, once bermudagrass becomes established (2-3 months in warm weather) it can withstand irrigation schedules at 40% of ET_0 (a reduction of 25%) and still produce acceptable turf.** 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

Bermudagrass is classified as a warm season grass best suited to southern climates. Growth is greatest during warm months with some dormancy in winter months.

Soil Conditions

Bermudagrass will tolerate a wide range of soils from heavy clay to sandy loam. Ideal pH range is 6.0 to 7.5. Good drainage is important for root development.

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 1 and 2 pounds of nitrogen (N) per 1,000 square feet per year during the growing season. Slow release fertilizers are best.

Mowing

No special mower is needed for this premium bermudagrass product. Results are best when blades are kept sharp. Recommended mowing height is from 1/2 inch to 1 1/2 inches. Do not mow more than 1/3 of the leaf blade whenever mowing turf.

Drought Tolerance Comparisons of Commonly Grown Grasses in California

Source: University of California, ANR Publication 8395

Relative Ranking	Cool-season turfgrasses	Warm-season turfgrasses
Superior		Bermudagrass Buffalograss
Excellent		Seashore paspalum Zoysiagrass
Good		St. Augustinegrass Kikuyugrass
Medium	Tall Fescue	
Fair	Perennial Ryegrass Kentucky Bluegrass Creeping Bentgrass Hard Fescue Chewings Fescue Red Fescue	

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