



**STOVER SEED®**

*Teaming confidence with nature since 1922*

## Technical Data and Information Product Sheet

### **BEWITCHED** Kentucky Bluegrass, *Platinum Quality™*

#### **DESCRIPTION**

Kentucky Bluegrass is a perennial, cool season, sod forming grass that spreads by underground runners called rhizomes. Native to Europe and Asia and naturalized in North America, it is widely adapted throughout the cool humid and transitional zones and can be effectively utilized in arid zones with supplemental irrigation. Due to its wide adaptability and exceptional turf quality it is the most widely used cool-season grass.

Bluegrass varieties are unique in that they exhibit a wide range of genetic diversity. There are well over 100 varieties of Kentucky Bluegrasses with various traits and characteristics. Few bluegrass varieties can boast the dominance that **Bewitched** has proven in NTEP trials with a #1 rating in Wear Tolerance and Blight Resistance and a #2 rating in overall turf quality. It also meets our platinum standards of superiority for variety quality and seed purity. [Learn More.](#)

Interesting facts: The reason it is called “Kentucky” Bluegrass is that the grass was originally used as a pasture grass for horse grazing. When weather is favorable, one Kentucky Bluegrass plant can produce from 20 to 50 feet of rhizomes in five months.

#### **CHARACTERISTICS**

##### **Features**

- Wide genetic diversity
- Rhizomatous growth habit
- Low temperature hardiness
- Good drought tolerance

##### **Pros**

- Outstanding turf quality
- Excellent cold hardiness
- Superior wear tolerance

##### **Benefits**

- Improved resistance to diseases, better turf quality
- Improved density, recovery from injury
- Fall color retention, early Spring green-up
- Low water requirement

##### **Cons**

- Shallow root system requires regular watering
- Slow to establish
- Can go dormant in hot weather

#### **USES**

Because of its rhizomatous growth habit, **Bewitched** is a natural for sportsfields and high traffic areas such as:

- |                     |                  |              |                         |
|---------------------|------------------|--------------|-------------------------|
| * Residential Lawns | * Playgrounds    | * Parks      | * Roadsides             |
| * Athletic Fields   | * Sod Production | * Cemeteries | * Institutional Grounds |

#### **SEEDING RATES**

- New turf: 2-4 pounds per 1,000 square feet or 85-170 pounds per acre.
- Overseeding existing turf: 1 to 2 pounds per 1,000 square feet or 45-90 pounds per acre.
- Seed when soil temperatures are above 60° at a depth of 1/4 inch.
- Best time for seeding is early fall.

#### **ESTABLISHMENT**

Emergence: Kentucky Bluegrass is slower to establish than other cool-season grasses (Ryegrasses, Fescues) and may take up to 21-28 days for full germination under less than optimal conditions.

First mowing approximately 21 days after emergence.



STOVER SEED®

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## SPECIFICATIONS

### BEWITCHED Kentucky Bluegrass

#### Platinum Quality (Exceeds Certified Quality Standards)

**98% Minimum Purity**

**0.0% Crop and Weed Seed**

**85% Minimum Germination**

2,200,000 seeds per pound

*Bewitched Kentucky Bluegrass is a product of Turf Merchants, Inc and is protected under the US Plant Variety Protection Act.*

Turfgrass Testing Programs Listed:

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

## CULTURAL INFORMATION

### Water Requirements

Frequent, light watering is necessary for seed to germinate and become established. Kentucky Bluegrass takes longer to germinate and become established than other cool season grasses. After establishment, water infrequently but deeply to encourage root development. Kentucky Bluegrass is a cool season (C3) grass with a shallow root system that requires more frequent irrigation for optimal turf. Once the grass becomes established it has the ability to withstand summer drought conditions under reduced irrigation schedules. For non-irrigated sites Kentucky Bluegrass can go into dormancy and survive 4 to 5 weeks without water. General irrigation guidelines dictate that turf should be watered in early morning hours and that about 1/2 to 3/4 of an inch of water should be applied but not to the point of runoff.

### Climate Conditions

Kentucky Bluegrass is widely distributed throughout the United States except in arid regions and the Gulf States and Hawaii. Water usage is lowest in cool humid regions with highest use in arid regions. Once it becomes established it can withstand periods of heat and drought.

### Soil Conditions

Kentucky Bluegrass prefers well drained soil (clay or sandy) with a pH of 7.0. It does not do well under acidic soil conditions.

### Fertilization

Use of a starter fertilizer when seeding is highly recommended. After establishment, fertilize during periods of active growth in Spring and Fall with a balanced fertilizer. Avoid using products with a high nitrogen (N) content as it increases water use. Apply no more than 4 pounds of N per 1,000 square feet per year.

### Mowing

Ideal mowing height is between 2 and 3 inches. Lower heights of 1 inch may be tolerated under ideal growing conditions. Higher mowing heights of 3 to 4 inches are recommended in summer to reduce heat and drought stress. Never mow more than 1/3 off of the height at one time. Mow during the cooler periods of the day. A mower with sharp blades reduces stress and improves the appearance.

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