

Cutter II is a proven, high quality turfgrass with excellent turf performance.

## CUTTER II

### PERENNIAL RYEGRASS

#### USAGE:

Cutter II is a new product of the Pickseed breeding program, developed at the Pickseed research station in Oregon and Pennsylvania. Cutter II (tested as PM 101) has demonstrated excellent germination, establishment, turf quality and growth with great adaptation (being in the top 25% of varieties tested at half the locations). It is a great partner for any of Pickseed's elite bluegrasses or fine fescues, and makes a great component in either of our popular ryegrass blends, Futura 2000 and 3000. Alone, you can use Cutter II as a long-lived perennial turfgrass in the north, and an elite overseeding grass in the south.

#### DISEASE RESISTANCE:

Cutter II has good to excellent disease resistance to most of the major diseases of perennial ryegrass such as Pythium, Brown Patch, Red Thread, Brown Blight, Snow Mold, and Dollar Spot. Thanks to its very high endophyte level, Cutter II provides good resistance to surface and crown feeding insects such as sod webworms, army worms, billbugs and others.

#### MANAGEMENT:

For perennial turf, the best mowing height is 1/2" – 2". On overseeded golf greens, however, you can mow Cutter II extremely low, down to 1/8". As a general guideline, applications of balanced fertilizer supplying 1/2 to 3/4 lbs. of actual N per 1000 sq. ft. per month of growing season to help maintain a healthy turf. A fall fertilization program is best in areas with hot, humid summers.

#### SEEDING:

Pickseed recommends a seeding rate of 5 – 7 lbs. per 1000 sq. ft. in the north. For overseeded southern golf course greens, 30 – 40 lbs. of Cutter II per 1000 sq. ft. gives best results. In normal, warmer soil circumstances, you can expect germination in 5 – 7 days.

#### TECHNICAL PRODUCT SPECIFICATIONS

Year of Introduction	2007
Main Uses	Overseeding, golf courses, lawns, sports turf
Seed Count	285,000 seeds / lb.
Normal Days to Germinate	5 – 7 days
Normal Days to First Mowing	24 days
NTEP Quality Ratings (2005 data)	Excellent – 6.1, 50% in top 25%
Genetic Color	Dark Green – 7.3
Summer Stress Tolerance	Very Good
Leaf Texture	Medium Fine – 7.3
Turf Density	Very Dense – 7.3
Pink Snow Mold Resistance	Excellent – 15% damage
Sod Strength	Not Tested
pH Range	4.9 – 7.9
Winter Injury	Good – 38% ND, WI
Close Mowing Tolerance	Very Good
Growth Rate	Medium
Mature Plant Height	Medium
Brown Blight Resistance	Good – 8.3
Gray Leaf Spot Resistance	Fair – 5.3
Brown Patch Resistance	Excellent – 7.4
Pythium Blight Resistance	Very Good – 7.7
Red Thread Resistance	Very Good – 8.0