Pennant III Perennial Ryegrass

Pennant III is an elite, new generation, heat and humidity tolerant perennial ryegrass developed by McCarthy Research Inc. A low-growing, very dark green perennial ryegrass variety, Pennant III forms a leafy, fine textured blade that exhibits photoperiod sensitive growth providing excellent late season vegetative tillering. Pennant III is also an endophyte enhanced perennial ryegrass with >80% Neotyphodium lolii endophyte which provides resistance to a number of leaf and crown feeding pests and improved tolerance to abiotic (non-living) and biotic (living) stress. It is highly recommended for permanent turf application in the Mid-Atlantic and U.S. transition zone where heat and humidity may limit the adaptation of perennial ryegrass turf.

Usage:
Developed for permanent poly species turfgrass blends and mixtures containing improved perennial ryegrass, Kentucky bluegrass, chewings, slender creeping and strong creeping red fescue, colonial bentgrass and turf type tall fescue. Pennant III is also used extensively in winter overseeding programs on greens, tees and fairways either alone or in species mixtures.

Seeding and Establishment:
Seeding should occur in the spring and fall when soil temperatures are 60°F or higher. Perennial ryegrass is the fastest establishing cool-season turfgrass species available to the lawn care professional and homeowner. Late autumn and winter turf quality ratings of varieties like Pennant III demonstrate that they can rapidly develop and maintain an attractive turf cover into late autumn-early winter.

Seed should be planted at a rate of 6.0-8.0 lbs./1,000 sq.ft.. Seed count of Pennant III is approximately 270,000 seeds per pound and dependent on year of harvest, location of production and seed production practices. Sow Pennant III at a depth of ¼ to ½ inches. Of the cool-season grasses used for turf improved perennial ryegrass requires moderately high to high levels of available soil nitrogen to maintain proper basal tillering and growth.

When soil nitrogen levels are low or absent, perennial ryegrass turf will gradually thin and be replaced by low nitrogen adapted grasses, and unsightly weed species. In northern regions 5-7 lbs. N/year; transitional climates 7-9 lbs; N/year; overseeding 2-4 lbs. N/growing month.