

Québec is the first variety in Pickseed's "Winter Tough™" perennial ryegrass series, is a new type of perennial ryegrass developed to have improved winter hardiness. It is intended for use as a perennial turfgrass in areas where other varieties of perennial ryegrass may not persist due to low temperature winter kill.

**DESCRIPTION:**

Québec was developed by turf grass breeders Dr. Don Floyd at Pickseed, and Jay Hackney from Pickseed Canada. For 10 years, superior selections were screened in severe winter locations in Canada, and the survivors were allowed to intercross at the Pickseed research station. The new plants were planted again in the Canadian plots, and the process was repeated.

The result was outstanding. Québec is similar in establishment, appearance and usage to other improved varieties of perennial ryegrass. It resembles Fiesta II in performance and appearance, but with much improved tolerance to low temperature damage. It has an attractive, medium-dark green color, excellent density, and is a quick starter.

**USAGE:**

Québec should be used as a perennial turf grass in areas potentially subject to low temperature winter kill for typical perennial ryegrasses. It is best mixed with Kentucky bluegrass, fine fescue or turf type tall fescue. It can be used for lawns, sports fields, golf courses, parks and in all areas where a fast-starting, attractive turf is desired.

**SEEDING:**

Very fast establishment similar to other perennial ryegrass varieties can be expected. A seeding rate of 5 – 7 lbs. / 1000 sq. ft. is recommended. Under average conditions, seedling emergence can be expected in 5 – 10 days, with the first mowing in 3 – 4 weeks. To assure maximum winter performance, the turf must be well established going into the winter. Dormant seeding techniques also work well with Québec.



**MAINTENANCE:**

The overall management of Québec is similar to other varieties of perennial ryegrass. It is important not to apply excessive amounts of Nitrogen fertilizer going into winter. Ample fall fertilization with Potassium and Phosphorus will help winter survival.

**TECHNICAL PRODUCT SPECIFICATIONS**

Year of Introduction	2004
Main Uses	Northern turf, golf courses, lawns, sports turf
Seed Count	260,000 seeds / lb.
Normal Days to Germinate	4—7 days (Fall)
Normal Days to First Mowing	21 days (Fall)
Quality Ratings (Cooler areas)	Good
Genetic Color	Medium green
Summer Stress Tolerance	Good
Leaf Texture	Medium
Turf Density	Medium dense
Shade Tolerance	Fair
Wear Tolerance	Not tested
pH Range	5.0 -7.9
Mature Plant Height	Medium
Close Mowing Tolerance	Good
Growth Rate	Medium
Red Thread Resistance	Good
Leaf Spot Resistance	Very good
Gray Leaf Spot Resistance	Fair
Brown Patch Resistance	Fair
Dollar Spot Resistance	Very good