

Crossfire 3, is the latest improvement in Pickseed's well proven Crossfire series of varieties. Tested as "COL J", it is a new variety of turf type tall fescue developed by the breeders at Pickseed. It is synthetic variety developed at the Pickseed Research Station.

DESCRIPTION:

Crossfire 3 originated from tillers taken from elite selections of turf type tall fescue tracing from Crossfire II that demonstrated superior summer performance, disease resistance and turf quality compared to other tall fescue varieties. The breeding work was predominantly done in Oregon and Pennsylvania.

USAGE:

Crossfire 3 has great color and is a persistent, endophyte enhanced variety that is well adapted to hot summers, lower fertility soils, higher salt conditions, shade, and tough use situations. It incorporates all the improved features expected in this latest "Crossfire" variety. It has a beautiful dark green color, medium leaf texture and has great summer performance and stress tolerance. Crossfire 3 is very persistent, can be mowed down to 3/4 inches and has excellent drought resistance. It is a semi-dwarf variety with a medium low growth rate. It has excellent spring green up scores (#2 overall).

ADAPTATION:

For both low and high maintenance, Crossfire 3 is recommended wherever an elite quality tall fescue is called for. It is well adapted to low fertility situations and to shade and tolerates acid soils as well as higher pH soils and shady conditions very well. Crossfire 3 was screened for salt tolerance and will germinate and grow under higher salt conditions, even with water salt levels approach 10,000 ppm total salts. It is recommended for lawns, parks, golf course roughs and for sod production. Crossfire 3 can be blended with other improved varieties of turf type tall fescue and also mixes well with broader leafed varieties of Kentucky bluegrass such as Bronco, Crest and Bandera.

CROSSFIRE 3

TALL FESCUE

DISEASE RESISTANCE AND STRESS

TOLERANCE:

The newest (2007) NTEP trial data demonstrated the broad overall disease resistance and stress tolerance of Crossfire 3. It has good resistance to Brown Patch. It also has very good resistance to leaf spot and stem rust. Crossfire 3 performed very well in high traffic trials.

TECHNICAL PRODUCT SPECIFICATIONS

Year of Introduction	2008
Main Uses	Sod production, golf courses, lawns, sports turf
Seed Count	223,000 seeds / lb.
Normal Days to Germinate	5 – 8 days, fall
Normal Days to First Mowing	25 – 30 days, fall
NTEP Quality Ratings (2007 Schedule "B")	Very good - 6.3
Genetic Color	Very dark green - 7.5
Summer Stress Tolerance	Very good
Leaf Texture	Medium fine - 6.1
Turf Density	Dense - 7.9
Shade Tolerance	Very good
Wear Tolerance (Rutgers)	Very good - 5.7
pH Range	4.8—8.1
Mature Plant Height	Medium
Close Mowing Tolerance	Good
Growth Rate	Medium
Spring Green Up	Excellent - 6.3
Net Blotch Resistance	Medium - 3.8
Stem Rust Resistance	Good - 6.0
Brown Patch Resistance	Good - 5.3
Dollar Spot Resistance	Very good