



Turf Type Tall Fescue

Falcon IV is a new and improved, heat and disease resistant, tall fescue variety developed for superior turf quality across a wide area of adaptation. It is dark green in color, fine textured with excellent wear tolerance. Falcon IV exhibits a unique combination of traits including dense growth, improved turf quality and resistance to brown patch incited by *Rhizoctonia solani*. Falcon IV is an endophyte enhanced tall fescue with >92% *Neotyphodium coenophialum* endophyte which provides resistance to a number of leaf and crown feeding insects and nematodes. The presence of endophyte also contribute to improved biotic and abiotic stress tolerance, faster seedling establishment, enhanced fall recovery and reduced summer weed invasion.

Usage:

Falcon IV is recommended for permanent turf in full sun or partial shade, on home lawns, commercial sites, parks, sod farms and golf course roughs. It was developed for the discriminating superintendent, landscaper and top grounds maintenance professionals in a range of environments. Falcon IV is best utilized in grass seed mixtures maintained at a high height of cut with Kentucky bluegrass, perennial ryegrass, hard fescue, sheep fescue or strong creeping red fescue.

Seeding and Establishment:

Falcon IV should be seeded in the spring and fall when soil temperatures are 60°F or higher. Turf type tall fescue is generally slow to tiller once germinated so higher soil temperatures and increasing photoperiod in spring or warm soils with decreasing photoperiod in the fall provide an optimal environment for seedling establishment. Seeding should be performed at a rate of 6-8 lb./1,000 sq. ft. on new seeding and 2-3 lb./1,000 sq. ft. on established turf. Seed count of Falcon IV is approximately 235,000 seeds per pound dependent on the year of harvest, location of production, and seed production practices. Sow at ¼ to ½ inch depth. Slice seeding of existing turf may require lowered mowing height or growth regulator to reduce canopy height of existing turf and enhance establishment of newly emerging tall fescues seedlings.

Management:

Falcon IV does best when soil is maintained at a neutral pH of 7.0, however Falcon is adapted to variances in acidity or alkalinity. Medium to high use of fertilizer is recommended with Falcon IV. In northern regions 5-5 lbs. N/year, in transitional climates 5-7 lbs. N/year, and in southern regions 5-7 lbs. N/year is recommended with minimal utilization in summer months to discourage foliar turfgrass diseases such as Brown Patch. NPK rations are generally recognized as 5-1-3 with clippings retained on the turf. Infrequent but heavy irrigation to stimulate deep subsoil root growth is should be used as a watering regiment. Little thatch management is needed with Falcon IV.

Features

- Excellent heat resistance
- Wide area of adaptation
- Darker green coloration
- Fine leaf texture
- Excellent wear tolerance
- Fast establishment
- Fast recovery
- Dense growth

Primary Pest and Disease Resistances

- Endophyte resistance to many surface-feeding insects
- Brown Patch resistant
- Leaf Spot resistant
- Pythium Blight resistant
- Winter Net Blotch resistant

Uses

- Lawns
- Commercial Sites
- Parks
- Golf course roughs
- Sod production

Seeding Rates

- **New Turf**
6-8 lbs/1,000 sq ft
- **Overseeding**
2-3 lbs/1,000 sq ft

Mow Height

- Recommended - 2 in
- Max - 3 in
- Min - 1.5 in



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