

Rhizing Star Turf Type Tall Fescue

TURF MAINTENANCE CHARACTERISTICS

Growth Habit	Estab. Rate Days	LHC Tol. 1/2"	Mowing Freq.	Traffic Tol. (Brinkman)	Thatch Prod.	Comp. Mix	N Req.	Shade Tol.	Cold Tol.	Drought Tol.	ET Rate mm/day	Endophyte	Salinity Tol. mmhos
Bunch	Med. 14-21	Poor	2x week	Very good	Low-med.	Fair-good	Med.-6 lbs.*	Very good	Very good	Excellent	Very high>10	Yes>90%	11 Good

DESCRIPTION

RHIZING STAR is a new and improved, heat and disease resistant tall fescue variety developed for superior turf quality across a wide area of adaptation.

Rhizing Star is a dark green, moderately fine textured variety that exhibits excellent wear tolerance, improved turf density and resistance to Brown Patch. It quickly forms a strong dense turf because of its rhizomatous root system. Rhizing Star is endophyte enhanced for added disease resistance.



APPLICATION

Rhizing Star is recommended for permanent turf in full or partial shade on golf course roughs and low maintenance sites. It is an excellent choice for sod growers. It can be utilized in poly-species grass seed mixtures maintained at a moderate height of cut.

PERFORMANCE

Rhizing Star is our new, improved turf-type tall fescue, that is dark green, moderately fine textured and shows good drought and wear tolerance and disease resistance. It forms a dense turf and is self-repairing because of its rhizomatous root system.

SEEDING

- **Dates:** Spring and fall when soil temperatures are 15°C or higher. 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.

- **Rates:** 30.0 - 40.0 grams per square metre

- **Depth:** Sow @ 1/4 to 1/2 inch or 6.25 to 12.5 mm.

CULTURAL PRACTICES:

- **Soil preparation:** Prepare firm seed bed free of clods, sticks and vegetative debris. Seed should be in contact with the soil. Tall fescues are best established in well drained soils, but will tolerate heavy soil conditions (high bulk density) better than many other cool season



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grasses.

- **pH:** Soil is best maintained at a neutral pH of 7.0. However, Rhizing Star is adapted to a range of soil pH conditions and will perform relatively well in moderately acidic or alkaline soils.
- **NPK requirement:** Rhizing Star would be described as a medium to high user of fertiliser. In northern regions 4-5 lbs. N/year; In transitional climates 5-7 lbs. N/year; In southern regions 5-7 lbs. N/year with minimal utilization in summer months to discourage foliar turfgrass diseases such as brown patch. NPK ratios are generally recognized as 5-1-3 with clipping retained on the turf.
- **Water use:** Tall fescue is recognized as a dehydration avoidant species (Beard, 1986) with improved drought tolerance. Tall fescue has an abundant deep and fibrous root mass which mines available subsoil moisture during stress periods. ET rate of >10 mm per day is highest among cool-season turf grass species. ET rates can be reduced by frequent mowing to encourage a denser turf grass and infrequent, but heavy irrigation to stimulate deep subsoil root growth.
- **Thatch management:** Requires little thatch management. Only high N levels with minimal traffic pressure encourages thatch accumulation. Verticutting, lower mowing heights and dethatching are recommended for dormant sod or grass breaking dormancy in the spring. At any given dethatching, never remove more than 1/2 inch of thatch layer. If the thatch layer is greater than 1 inch, removal must be done over a period of years.
- **Mowing height:** Rhizing Star should be mowed at 1.5-3.0 inches or 37.5-75 mm.



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