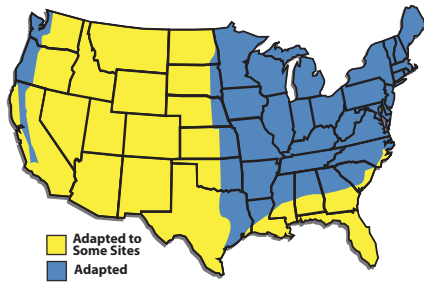


MaxQ® Tall Fescue

Festuca arundinacea shreb

WHERE TO PLANT:



TYPE: Cool season perennial grass

ENDOPHYTES: Endophytes (fungus) are important to a tall fescue plant. The fungus enables the plant to be more tolerant of heat and drought stress and enhances tolerance to some insects and diseases. However, the fungus in many fescue varieties produces toxins that are harmful to livestock. The MaxQ® endophyte provides all the beneficial effects for the plant without producing any harmful toxins.

ADAPTATION: Grows well where KY 31 tall fescue is grown. Best adapted to clay or clay loam soils. Tolerant to soil acidity and poor drainage, but performs best on well drained soils having good water holding capacity and a pH of 6.0-6.5. Relatively tolerant to drought. Not suited to drought prone, sandy soils.

USES: MaxQ® enhanced tall fescue provides excellent permanent pasture for all classes of grazing livestock including cattle, sheep and horses. With adequate soil moisture, it provides high quality, abundant forage throughout the fall months into spring and early summer. The highest productivity is September-December and March-June. When cut in the early boot stage of maturity, MaxQ® produces high quality hay. Excellent for fall stockpiling and managed grazing during the winter months.

NUTRITION: With proper fertility and good management, tall fescue can produce crude protein levels of 15-16% or more with a total digestible nutrient content of 60% or higher; However, environmental conditions and management practices will determine individual results.

PLANTING: For best results and benefits, all toxic tall fescue should be killed before establishing MaxQ®. A firm seedbed is important for good stand establishment. Seed can be drilled into a prepared firm seedbed, no-tilled into sod with a no-till drill or surface broadcast on a prepared seed bed and packed in with a culti-packer. Place seed at a depth of 1/4" to 1/2". Planting too deep can result in poor stand emergence.

Rate: 20 lbs/acre in prepared seedbed or 25 lbs/acre sod-seeded in stubble.

Dates: Southern and Southeastern states: Sept. 1 to Nov. 1; Mid-South, Midwest and Northeastern states: Aug. 15 to Oct. 1 or spring planted in March and April.

MANAGEMENT: Do not graze or cut seedling stand until it reaches 6"-8" tall. Use only light rotational grazing in the first year and do not graze or cut closer than 2". During periods of heat and drought stress, rotate cattle more frequently. Consult the MaxQ® Planting Guide under the Knowledge Center tab on the Pennington Seed website for complete planting and management information.

MaxQ®

A Non-Toxic Endophyte
to Enhance Tall Fescues



MaxQ® features advanced technology that combines a non-toxic endophyte with a proven variety of tall fescue. MaxQ® offers the plant persistence of toxic fescue varieties like KY 31 but with no detrimental effects on animal performance and health. It is adaptable throughout the traditional fescue belt of the U.S.

