



FINEST LEAF TEXTURE WITH LATERAL GROWTH TECHNOLOGY



Fine leaf texture



Disease tolerance



Heat and drought tolerance



Rhizomes

FESTUCA ARUNDINACEA

GENIUS (RC4)

- Finest leaf texture
- Extremely high turf density
- Grey leaf spot resistant
- Less mowing needs
- Shade tolerant
- Lateral growth technology
- High tillering

Gray leaf and Lateral Spread, the ultimate combo! The newest **GENIUS** starts a family lineage of heat and drought tolerance, outstanding NTEP turf quality, sod strength, and adds Grey Leaf Spot to a robust disease resistance.

GENIUS(RC4) is a breakthrough Tall fescue cultivar, combining Lateral Spread toughness with one of the first NTEP proven resistance to Gray Leaf Spot (G)! **GENIUS** sets a new standard for durability thanks to its aggressive recovery & density and leaf fine texture, which allows it to shine in summer's heat and resist disease's that take out the competition. Choose **GENIUS** for an extremely good Tall fescue!



SEMILLAS FITO works closely with our breeders to develop our lateral spread tall fescue varieties. The breeding process begins by selecting tall fescue plants from mowed space plant nurseries that have the greatest lateral spread (i.e. aggressive tillering). These plants are then cross pollinated within isolated crossing blocks. Further screening of the germplasm is done by selecting for characteristics such as turfgrass quality, disease tolerance, and seed yield. The best families are then combined to together in open pollinated nurseries to produce one of our lateral spread varieties. **SEMILLAS FITO** lateral spread tall fescue perform well under stress. You'll find our lateral spread varieties in the top performers of the NTEP for traffic tolerance.

SEEDING AND OVERSEEDING

Tall fescue prefers warmer soil for germination, typically 12-15° C. In the Transition zone this means early spring and early fall. Further north, late spring and late summer is preferred. **GENIUS** should be sown at a rate of 30 to 45 gr/m² covered with soil and kept moist until after the first cutting. Maximum density is achieved by planting with a slicer/seeder or following aerification, and with the application of a starter fertilizer. First mowings are generally within three weeks, or when plants first reach 7,5 cm. in height. Overseed existing tall fescue at a rate of 25-35 gr/m².

MAINTENANCE

The disease tolerance and heat and drought tolerance minimize the need for extensive maintenance. Generally, 100- 150 Kgs N/ Ha of nitrogen as part of a balanced fertilizer applied annually is all that's required. Cutting heights should range between 30 to 50 mm. Under controlled conditions heights down to 10 mm can be satisfactorily maintained.

USE

Professional lawn, landscape areas, home lawns, municipal use and sport fields. Sod production.

CHARACTERISTICS

Seeding rate g/m ²	30-45
Overseeding rate g/m ²	25-35
Seeds per gram	530
Days to germination	7-12
Recommended planting dates	Spring and autumn
Color	Dark
Establishment	Fast
Growth	Slow and lateral
Leaf texture	Very fine
Maintenance	Medium to low
Fertilizing needs	Moderate
Shade tolerance	Medium to high
Winter dormancy	No
Disease resistance	Brown patch, Leaf spot, Pink patch
Lateral growth	No
Recovery capacity	Excellent
Resistance to trampling	Excellent
Heat tolerance	Excellent
Mowing height	50-75 mm but 20 mm under controlled conditions
Mowing frequency	Low
Salinity tolerance	High
Irrigation needs	Low
Endophyte-enhanced	Yes

NTEP TURFGRASS VARIETIES PERFORMANCE 2020

