

LS 2100

PERENNIAL RYEGRASS



LS 2100 is the next generation of turf type perennial ryegrasses.

LS 2100 provides excellent traffic tolerance and gray leaf spot resistance compared to many other top rated varieties. You will be the envy of the neighborhood whether you are maintaining golf course fairways or your own home lawn. LS 2100 is a proven performer in winter overseeding trials for color and overall turf quality.

KEY POINTS

- Dark green
- Traffic tolerant
- Gray Leaf Spot Resistant
- Mixed species compatible
- Quality proven - in current NTEP and winter overseeding trials

LEWIS
SEED CO.
TURF & FORAGE GRASS SEED

P.O. Box 100 • 31810 Fayetteville Drive • Shedd, Oregon 97377
PH: 541.491.3700 FAX: 541.491.3705

BACKGROUND & APPLICATION

LS 2100 is the result of select turfgrass breeding by Pure Seed Testing, Inc for dark genetic color, improved disease resistance and traffic tolerance. Some of the parentage traces back to selections screened at 6,000 ppm of salinity. LS 2100 exhibits dark green, moderately fine textured leaves that provide very aesthetically pleasing turf for home lawns, parks, sports fields and golf courses. LS 2100 is also compatible with other improved cool season grasses.

ESTABLISHMENT & MAINTENANCE

SEEDING RATES:

Permanent turf: 6-12 lbs/1,000 sq. ft.

Southern winter golf course overseeding:

Fairways: 400-800 lbs/acre

Tees: 15-25 lbs/1,000 sq. ft.

Greens: 30-35 lbs/1,000 sq. ft.

SOIL PREPARATION:

Prepare a smooth firm seedbed free of foreign debris such as sticks and large clods.

PLANTING AND GERMINATION:

When planted, the seed should be in contact with the soil. The soil should be kept moist but not to the point where there is standing water. Under ideal conditions, germination will take place within 5-10 days.

FERTILITY:

For optimum development the soil pH should be between 5.5 and 6.5. For permanent turf, nitrogen should be applied at a rate between 0.5 and 0.75 lb/1,000 sq. ft. per month during the active growing period. For southern winter overseeding, nitrogen should be applied at a rate between 1.0 and 3.0 lb/1,000 sq. ft. per month during the active growing period.

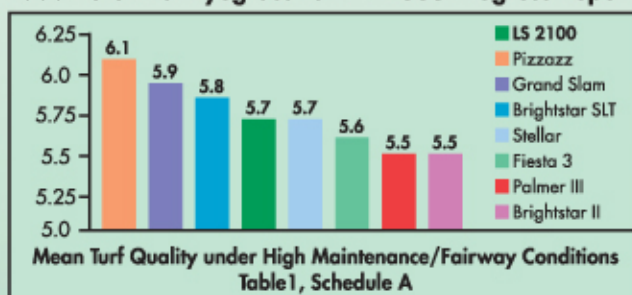
IRRIGATION:

After establishment, infrequent deep soil watering is recommended for maximum root depth development. The approach to watering should be to ensure that plants are properly hydrated but not over-watered.

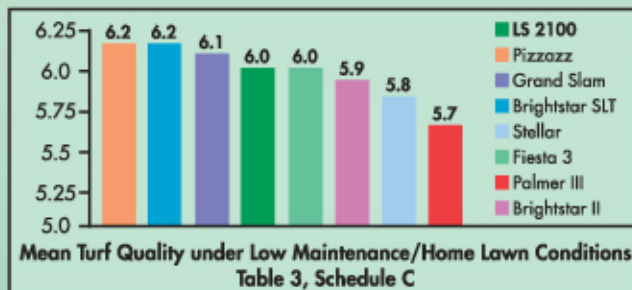
MOWING:

For permanent turf the optimum mowing height is between 0.75 and 2.0 inches. For southern winter overseeding, the optimum mowing height of golf course fairways is 0.75 inches and for golf course greens 9/64 - 3/16 inch. When mowing, the rule of thumb is to never remove more than one third of the total plant height.

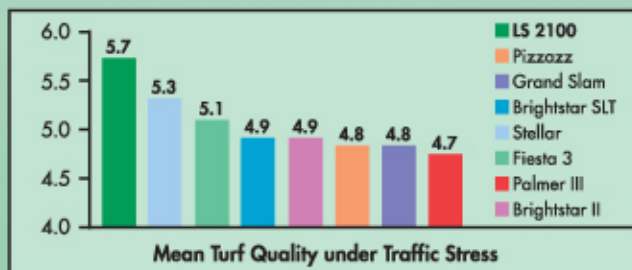
1999 Perennial Ryegrass NTEP - 2003 Progress Report



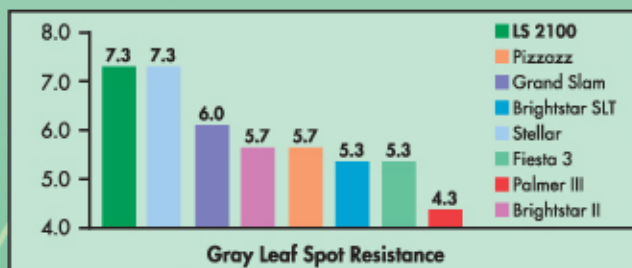
Turf quality based on a 1-9 scale; 9 = ideal turf • LSD = 0.3



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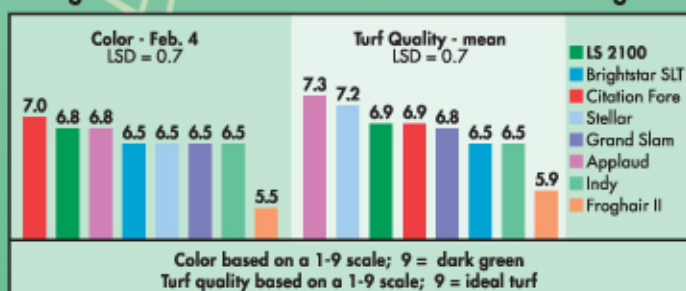
Turf quality based on a 1-9 scale; 9 = ideal turf • LSD = 0.9



Turf quality based on a 1-9 scale; 9 = no disease • LSD = 2.5

For complete NTEP data, go to www.ntep.org

College of the Desert 2002-2003 Winter Overseeding



Color based on a 1-9 scale; 9 = dark green
Turf quality based on a 1-9 scale; 9 = ideal turf

