

# LS 1200

**TURF-TYPE TALL FESCUE**



LS 1200 is an elite semi-dwarf turf type tall fescue that exhibits superior turf quality throughout the United States as demonstrated in the tall fescue National Turfgrass Evaluation Program (NTEP) 2007-2011 final report. In this report LS 1200 proved to be the top variety in the overall summary report.

LS 1200 was developed by Rutgers University for improved resistance to brown patch (*Rhizoctonia solani*). LS 1200 is genetically dark green. This trait is further complimented by its superior winter color. LS 1200 also demonstrates excellent spring greenup, summer density, tolerance to traffic stress and persistence under a wide range of environments.

LS 1200 is a proven choice when elite turf quality is demanded. Whether in full or partial shade, LS 1200 is recommended for parks, home lawns, commercial landscape sites, golf course roughs and sod farms.

## KEY POINTS

- Improved resistance to brown patch
- Superior turf quality over a broad geographical range
- Persistent under a wide range of environments
- Excellent spring greenup and summer density
- Tolerant to traffic stress
- Excellent turf quality under saline irrigation
- NTEP quality proven



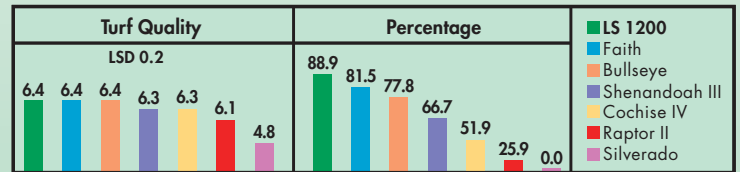
## BACKGROUND & APPLICATION

LS 1200 is an elite semi-dwarf turf type tall fescue that was developed by Rutgers University for improved resistance to brown patch (*Rhizoctonia solani*). LS 1200 was in the tall fescue National Turfgrass Evaluation Program (NTEP) 2007-2011 final report. In this report, LS 1200 proved to be the top variety in the overall summary report.

LS 1200 is an excellent choice when elite turf quality is demanded. Whether in full or partial shade, LS 1200 is recommended for parks, home lawns, commercial landscape sites, golf course roughs and sod farms.

The following tables are from the 2006 Tall Fescue National Turfgrass Evaluation Program Final Report 2007-2011 Data. There are 113 Entries in this trial. Silverado is a check Variety.

**Appendix Table. Summary of Turfgrass Quality**



Turfgrass Quality Rating 1-9; 9=Ideal Turf

Turf Quality mean: Avg of all the Turfgrass quality ratings from all locations

Percentage: The percentage of locations where that entry finished in the top 25% of all entries

Note: LS 1200 is the top variety overall in the summary rating

## ESTABLISHMENT & MAINTENANCE

### SEEDING RATES

Overseeding existing turf: 4-6 lbs. / 1,000 sq.ft.

Sports fields, parks and lawns: 7-10 lbs. / 1,000 sq.ft.

Golf course roughs: 250-300 lbs. / acre

Sod production: 400-500 lbs. / acre

### SOIL PREPARATION

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

### PLANTING & GERMINATION

Plant at 1/4 inch depth. The soil should be kept moist but not to the point where there is standing water. Under ideal conditions, germination should take place within 7-14 days.

### FERTILITY

For optimum development the soil pH should be neutral, but LS 1200 can tolerate moderately acidic or alkaline soils. Recommended rate of N (nitrogen) is 3-5 lbs. / 1,000 sq.ft. per year. However, 2-3 lbs N / 1,000 sq.ft. per year is sufficient in many situations. The rule of thumb is 0.50 lb. N per month during the active growing period.

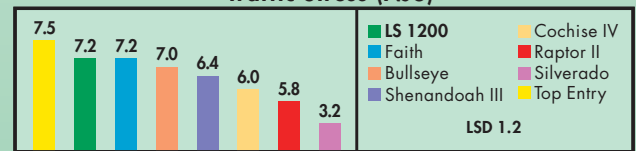
### IRRIGATION

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

Under ideal conditions, LS 1200 can tolerate mowing at 1.0 inch but the recommended mowing height is between 1.5 and 3.0 inches. When mowing, the rule of thumb is to never remove more than one third of the total plant height.

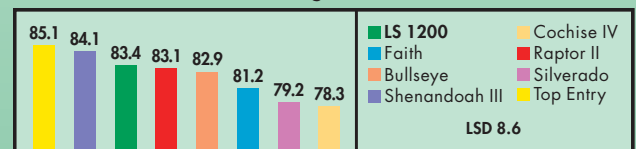
**Table 11. Turfgrass Quality Grown Under Traffic Stress (NJ3)**



Turfgrass Quality Rating 1-9; 9=Best

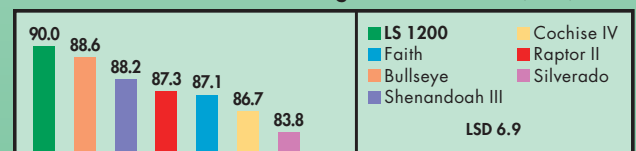
Note: high turf quality after 5 years of traffic conveys persistence and durability.

**Table 23. Percent Living Ground Cover (Summer)**



LSD 8.6

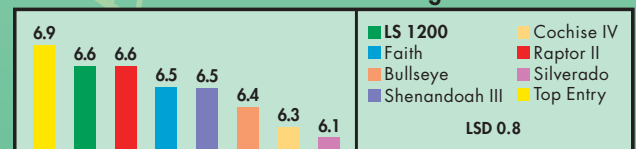
**Table 24. Percent Living Ground Cover (Fall)**



LSD 6.9

Note: LS 1200 is the top entry

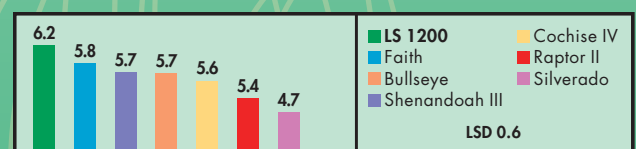
**Table 12. Mean Turfgrass Quality Grown Under Saline Irrigation**



LSD 0.8

Turfgrass Quality Rating 1-9; 9=Best

**Table 26. Winter Color**



LSD 0.6

Winter Color Rating 1-9; 9=Complete Color Retention

Note: LS 1200 is the top entry

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