



Elite perennial ryegrass

Lolium perenne



Jet is a fine textured turf-type perennial ryegrass that has performed well in national testing and ranked 20th in overall quality rankings of 130 varieties tested in the National Turfgrass Evaluation Program, Progress Report 2000, NTEP No. 01-1. Jet has shown excellent fall performance, winter color retention, shade tolerance, and good performance under low maintenance conditions for a perennial ryegrass.

Characteristics:

- Excellent performance as an overseeding perennial ryegrass in the south
- Outstanding heat tolerance in transition and northern zones
- Superior summer Leaf Spot and Crown Rust resistance
- Improved Gray Leaf Spot resistance
- Very dark blue-green color, fine textured, dense turf
- Shade tolerant

Recommended Use:

Golf Courses, Parks, Home Lawns, Athletic Fields, and Overseeding Warm Season Turfgrasses

Climatic Zones:

2, 3, 4, 5, 6, 7, 8, 9, 10 (may not be adaptable to all areas within each climatic zone)

Establishment & Maintenance:

Lime soil to 6.0 pH and follow soil recommendations for fertilization. Under ideal conditions, germination begins in 6 days. If overseeding, care must be taken to ensure adequate seed to soil contact. Subject to germination rate, first mowing may begin at 21 days after sowing.

Seeding Rates:

- Parks, Permanent Turf & Home Lawns 5 - 10 lbs /1000 sq ft
(2 - 5 kgs/100 sq meters)
- Fairways and Roughs (overseeding) 5 - 10 lbs/1000 sq ft
(2 - 5 kgs/100 sq meters)
- Greens (overseeding) 25 - 35 lbs/1000 sq ft
(11 - 15 kgs/100 sq meters)
- Tees (overseeding) 15 - 20 lbs/1000 sq ft
(6 1/2 - 9 kgs/100 sq meters)

This variety was bred and developed at Rutgers University in New Brunswick, NJ.

Quality Ratings:

Table 1. **MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT 28 LOCATIONS IN THE U.S. & CANADA
2000 DATA FROM 1999 TEST
TURFGRASS QUALITY RATINGS 1-9, 9=IDEAL TURF**

NAME	QUALITY MEAN
APPLAUD	6.4
JET	6.1
BRIGHTSTAR II	5.9
PENNANT II	5.9
PALMER III	5.8
CHARGER II	5.8
PLEASURE XL	5.7
MANHATTAN 3	5.7
LINN	3.7
LSD VALUE	0.2

Table 14. **SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
2000 DATA FROM 1999 TEST
DENSITY RATINGS 1-9, 9=MAXIMUM DENSITY**

NAME	QUALITY MEAN
SR 4500	7.3
PENNANT II	6.9
JET	6.8
PALMER III	6.8
BRIGHTSTAR II	6.7
MANHATTAN 3	6.7
PLEASURE XL	6.7
CHARGER II	6.6
LINN	5.0
LSD VALUE	0.4

Table 24. **CROWN RUST RATINGS OF PERENNIAL RYEGRASS
2000 DATA FROM 1999 TEST
CROWN RUST RATINGS 1-9, 9=NO DISEASE**

NAME	(NORTH BRUNSWICK, NJ) NJ1
APPLAUD	8.0
JET	7.0
BRIGHTSTAR II	5.3
PALMER III	4.3
PLEASURE XL	4.0
CHARGER II	3.3
MANHATTAN 3	3.0
PENNANT II	3.0
MAJESTY	2.0
LSD VALUE	1.2

These examples represent 9 out of 130 varieties tested in the National Turfgrass Evaluation Program 1999 Test, Progress Report 2000, NTEP No. 01-1 from 1999 test For complete trial data, go to www.ntep.org