

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Large seed for quick establishment
- Very dark green color all year long
- Superior Red Thread and Dollar Spot resistance
- Excellent cold tolerance
- Cool temperature growth
- Drought tolerant
- Wear tolerant
- High salt tolerance during germination and young plants

BENEFITS

- Survives under drought, heat, cold
- Blends well with other turf species
- Excellent for wear areas
- Quicker establishment all times of the year

SEEDING RATES

- Seeds/lb: 150,000 to 180,000
- Seeds/kg: 330,000 to 400,000
- New Turf:
 - 7 to 10 lbs/1000 sq. ft.
 - 33 to 47 gr/sq. m
 - 300 to 450 lbs/acre

ESTABLISHMENT

- Germination in 3- 6 days
- First mowing: 10 days after emergence
- Limited use: 2 weeks after emergence

TETRADARK

PERENNIAL RYEGRASS

Tetradark (DLF LGT 4182) tetraploid turf-type perennial ryegrass is part of the 4turf™ ryegrass program for tough turf. 4turf™ with double the chromosome number and DNA has many unique features.

4turf™ is a new generation of tetraploid perennial ryegrass varieties, developed to be quick establishing, strong, deep-rooting and tolerant to stress. 4turf™ is better able to withstand a range of stressful conditions, such as drought, cold, disease, and wear.



The larger seeds contain more reserves for stronger faster establishment. It has a deeper crown and superior rooting to help with drought resistance and recovery. Tetradark has darker color than other 4turf™ varieties and moderate density enabling it to blend better with turf-type tall fescue, Kentucky bluegrass, diploid perennial ryegrass and fine fescues. TetraDark establishes faster and gives you thick green turf all through the year. It is the perfect part of mix for homes, sports fields or golf courses. Superior for use in repairing damage throughout the year it opens up many opportunities. With 4turf™ you can get results whether you have drought, disease or cold.

TETRADARK

PERENNIAL RYEGRASS

Genetic Color of Perennial Ryegrass cultivars; 2011-2014 NTEP Data

Ratings: 1-9; 9 = Dark Green

Cultivar	Rating	Cultivar	Rating	Cultivar	Rating	Cultivar	Rating
Vintage	7.8	Mach 1	6.9	Stellar 3GL	6.3	Benchmark	6.0
Hancock	7.1	SR 4650	6.5	Sideways	6.3	Sienna	6.0
Tetradark	7.0	Dominator	6.5	Metolius	6.3	Haven	5.9
Thrive	6.9	Expedite	6.5	Apple SGL	6.1	LSD@5%	0.4

Spring Greenup of Perennial Ryegrass cultivars; 2011-2014 NTEP Data

Ratings: 1-9; 9 = Completely Green

Cultivar	Rating	Cultivar	Rating	Cultivar	Rating	Cultivar	Rating
Vision	6.1	Thrive	5.5	Expedite	5.2	Amazing A+	4.9
Hancock	5.7	Dominator	5.5	Playoff 2	5.1	LSD@5%	0.8
Tetradark	5.6	Mach 1	5.5	Provost	5.1		
SR 4650	5.6	Stellar 3GL	5.3	Sienna	5.0		

Dollar Spot Ratings of Perennial Ryegrass cultivars; 2011-2014 NTEP Data

Ratings: 1-9; 9 = No Disease

Cultivar	Rating	Cultivar	Rating	Cultivar	Rating	Cultivar	Rating
ASP 0112	8.0	Evolution	5.3	Mach 1	4.5	Manhattan 6 GLR	3.3
Tetradark	7.0	Stellar 3GL	5.3	Grandslam GLD	4.3	Pizzazz 2 GLR	3.2
Wicked	6.7	Dominator	4.8	Vision	4.2	Sox Fan	2.8
SR 4650	5.7	Metolius	4.8	Expedite	3.5	Sienna	2.7

Percent Living Ground Cover in Spring; 2011-2014 NTEP Data

Percent disease; lower = less disease

Cultivar	Mean	Cultivar	Mean	Cultivar	Mean	Cultivar	Mean
PST-Parkside	94.2	Sideways	90.6	Sox Fan	88.7	Sienna	84.5
Tetradark	93.1	Apple SGL	90.4	Expedite	88.2	Pizzazz 2 GLR	83.7
Wicked	91.6	Pillar	90.3	Manhattan 6 GLR	87.3	Grandslam GLD	80.2
Apsire	91.3	Dominator	90.1	Metolius	86.8	LSD@5%	8.5

To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.