

TECH SHEET



COLD TOLERANT



HEAT TOLERANT



FINE TEXTURE



WEAR TOLERANT



DISEASE RESISTANT

Replicator^{4N}

4N TURF-TYPE PERENNIAL RYEGRASS

Perennial Ryegrass

QUICK FACTS

REPLICATOR-4N is a new elite, heat and disease tolerant tetraploid perennial ryegrass bred especially for overseeding. Tetraploids are known for their ability to withstand stress and diseases. It is very winter active and does well in dry conditions, Replicator-4N outperforms diploid perennial ryegrass by far. The seeds are at least 1.5 times heavier than diploid seeds, producing stronger seedlings with faster establishment.



ADAPTATION

REPLICATOR-4N was developed for turf blends and to be overseeded alone for vigorous turf cover. Replicator-4N has proven to be a great sports field grass because it has fantastic shear strength and heavy wear tolerances due to a deeper root system. Replicator-4N exhibits strong resistance to rust, red thread, Fusarium, Helminthosporium and Drechslera.

- 4N - TWICE THE GENETIC POWER
- VERY WINTER ACTIVE
- RAPID ESTABLISHMENT, 7°C
- HIGH DISEASE RESISTANCE
- EXCELLENT VIGOR
- SUPERB STRESS TOLERANCE
- GREAT COLOUR
- BETTER TURF QUALITY AFTER WINTER AND SUMMER STRESS

TRIAL DATA

2009 Perennial Ryegrass Trial
Overall Turf Quality
 Tangent, Oregon

| | MEAN |
|----------------------|------------|
| REPLICATOR-4N | 6.0 |
| KOKOMO | 5.0 |
| CABO | 5.0 |
| AMAZING GS | 4.0 |

Scale 1-9; 9=ideal

SEEDING RATE

7-10 lbs per 1,000 sq ft

| Growth Habit | Estab. Rate Days | LHC Tol. to 1/2" | Mowing Frequency | Traffic Tol. (Brinkman) | Thatch Production | Comp. Mix | Nitrogen Required | Shade Tolerance | Cold Tolerance | Drought Tolerance | ET Rate mm/day | Endophyte | Salinity Tol. mmhos |
|--------------|------------------|------------------|------------------|-------------------------|-------------------|-----------|-------------------|-----------------|----------------|-------------------|----------------|-----------|---------------------|
| Bunch | Very Fast | Very Good | 2x week | Very Good | None | Very Good | Med-High | Fair-Good | Very Good | Good | High 9-10 | No | <11 Good |



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