

# SEED RESEARCH OF OREGON

The germination of ideas

## FEATURES

- Excellent dark green color
- Fast germination
- Fine textured
- Smooth spring transition
- Use: Ideal for southern winter overseeding of dormant bermudagrass putting greens and tees plus other high-end turf sites. In the north, ideal for moist and shady locations

## BENEFITS

- Quick Fall establishment
- Dark color all winter long
- High quality putting surface
- Improved Bermuda green recovery

## SEEDING RATES

- Seeds/lb: 2,000,000
- Seeds/kg: 4,400,000
- Poa trivialis monostand  
2–3 lbs/1,000 sq ft  
10–15 gr/m<sup>2</sup> each week for 3–5 weeks,  
plus additional seed as needed during winter to maintain stand density
- Southeast courses  
12–20 lbs/1,000 sq ft  
60–100 gr/m<sup>2</sup> each winter
- Southwest courses  
5–10 lbs/1,000 sq ft  
25–50 gr/m<sup>2</sup> each winter

When seeding with creeping or velvet bentgrass, reduce Poa trivialis seed by 10-20%

## ESTABLISHMENT

- Germination: 5–8 days under ideal conditions
- First mowing: 10–14 days
- First limited use: 21 days



**Quasar** (*Poa trivialis*) rough bluegrass (PTI-94) was developed for winter overseeding of dormant bermudagrass golf course greens, tees and fairways in southern climates. It was bred to have a darker green color than other rough bluegrass cultivars while retaining the fine texture and quick establishment traditionally found in this species. In northern latitudes, Quasar is an important component in grass seed mixtures intended for moist shady areas or for repair of *Poa annua* greens.



This *Poa trivialis* is one of the finest textured, and has one of the highest density ratings of this species when used for winter overseeding. Quasar establishes quickly into a dark green, compact putting surface, resulting in faster, truer putts. Quasar can be cut close soon after overseeding for minimal interruption of play.

Quasar is tolerant to cold weather that could discolor perennial ryegrass. As soon as the weather warms in the spring, Quasar will transition out smoothly, unlike many heat tolerant perennial ryegrasses, and not compete as aggressively with bermudagrass regrowth. Quasar has demonstrated this superior performance in overseeding trials at Universities and on golf courses in the southern United States.

Quasar makes an excellent monostand but is best blended with other rough bluegrass cultivars or mixed with other species such as bentgrass, fine fescue or perennial ryegrass.



**Leaf Texture, Density and Turf Quality in a Green Overseeding Trial in 1998 at Mississippi State University**

*Turfgrass Quality Ratings: 1-9; 9=Best*

<i>Cultivar</i>	<i>Color</i>	<i>Texture</i>	<i>Turf Density</i>	<i>Turf Quality</i>
<b>Quasar</b>	<b>5.9</b>	<b>7.9</b>	<b>7.4</b>	<b>6.9</b>
Darkhorse	5.3	7.7	7.2	7.0
Fuzzy	5.3	7.8	7.7	6.9
Colt	5.0	7.3	7.0	6.8
Danish Common	4.1	7.0	6.7	6.4
<i>LSD @ 5%</i>	<i>0.6</i>	<i>0.5</i>	<i>0.5</i>	<i>0.3</i>

**Leaf Texture, Density and Turf Quality in a Green Overseeding Trial in 1999 at Mississippi State University**

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<i>Cultivar</i>	<i>Color</i>	<i>Texture</i>	<i>Turf Density</i>	<i>Turf Quality</i>
<b>Quasar</b>	<b>5.3</b>	<b>7.2</b>	<b>7.0</b>	<b>5.7</b>
Snowbird	5.3	7.0	7.0	5.7
Fuzzy	5.2	6.8	6.6	5.3
Colt	4.7	7.0	7.1	5.9
Darkhorse	5.3	7.0	7.0	6.2
Danish Common	4.2	5.6	4.9	4.6
<i>LSD @ 5%</i>	<i>0.6</i>	<i>0.4</i>	<i>0.5</i>	<i>0.4</i>

**4 Year Mean and Microdochium Percentage 2015-2018 Trial in Southern Norway**

*Turfgrass Quality Ratings: 1-9; 9=Best*

<i>Cultivar</i>	<i>Mean</i>	<i>Microdochium</i>
<b>Quasar</b>	<b>3.5</b>	<b>3.9</b>
Sabre III	3.5	4.2
Darkhorse	3.4	5.0
Winterway	3.4	5.6

*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.*