

PREMIER

Perennial Ryegrass

PREMIER perennial ryegrass is a nine clone synthetic cultivar with exceptional dark green color and fine leaf texture. **PREMIER** provides a dense turf with improved disease resistance, vigor, and mowability.

PREMIER is a versatile grass and is adaptable to a wide range of soil conditions. For best results, medium to good soil fertility is recommended, with fairly good surface drainage. **PREMIER** thrives in mild, wet winters, but can tolerate extremes from Canada to Louisiana. In northern states and Canada, **PREMIER** can be used by itself (only) or in mixes for home lawns, parks, athletic fields, golf course fairways and low maintenance landscaping. In southern states, **PREMIER** is used for overseeding of lawns, golf greens, and tees. Because of exceptional heat tolerance, **PREMIER** may persist as a perennial in many areas and may be planted in early spring in many southern states.

PREMIER has improved heat tolerance compared to other turf type perennial ryegrasses with good management, **PREMIER** can consistently withstand 100 degrees fahrenheit. A cool season grass, **PREMIER** is used to overseed golf greens in the south, often persists year to year, thus reducing management costs.

All grasses need sunlight. **PREMIER** compares with Kentucky Bluegrass and will thrive in up to 60% shade. Regular leaf raking, good soil fertility, and tree pruning can improve growth in shady areas. Experts and home owners alike prefer the lush dark green color of **PREMIER** when a side by side comparison is made with other types of ryegrass. The dense, springy, carpet-like sod characteristic is a desirable quality of **PREMIER**.

PREMIER (PVP No. 8200150) provides excellent mowability without the excessive fraying of leaf blades which is common to many ryegrasses. It is a low growing variety with high density even with close mowing.

CHARACTERISTICS

- Good Rust & brown patch resistance
- Fast germination (5-7 days)
- Heat & drought tolerant
- Good winter hardiness
- Leafy, dense & low mowability
- Aggressive growth restricts poa annua & other weeds
- Contains lolium endophyte fungus to provide insect resistance
- Easy transition into warm season grasses by controlling irrigation

SEEDING RATES

Greens: The recommended seeding rate is
30-35 lbs. per 1,000 square feet

Tees & Aprons: Overseed about 15-20 lbs. per 1,000
square feet

Fairways: Depending on color and turf quality desired ;
300-400 lbs. per acre

Lawns & Other Areas: Overseed at 5-15 lbs. per 1,000
square feet

BARENBRUG USA

PO Box 239, Tangent, OR 97389 USA

Phone: 1-800-547-4101 • 541-926-5801 • Fax: 541-926-9435

**1990 NATIONAL PERENNIAL RYEGRASS TEST
1991 DATA**

TABLE 1. Seedling Vigor Ratings (9=maximum)

	CO1	ID2	ID3	ON1	OR9	MEAN
PREMIER	7.5	5.3	7.3	7.7	8.3	7.2
OVATION	7.3	6.7	7.3	7.0	7.7	7.2
CITATION II	7.3	6.0	7.7	7.0	8.0	7.0
TROUBADOUR	6.0	7.3	7.0	8.0	7.0	7.1
MANHATTAN II	7.0	5.7	7.0	7.0	8.0	6.9
ACCOLADE	6.0	7.7	6.3	6.3	8.3	6.9
TOPEKA	5.7	7.3	5.3	7.7	8.7	6.9
COMMANDER	6.0	6.7	7.0	6.3	8.3	6.9
PLEASURE	5.5	6.7	6.3	7.3	8.3	6.8
COMPETITOR	6.3	6.3	7.0	6.0	8.3	6.8

TABLE 2. Spring Greenup Ratings (9=completely green)

	ID3	NJ3	MEAN
PINNACLE	7.7	6.0	6.8
PREMIER	7.7	5.3	6.5
ACCOLADE	8.0	4.7	6.3
SATURN	6.7	6.0	6.3
STALLION	7.0	5.7	6.3
AFFINITY	7.3	5.3	6.3
BARRAGE	6.7	5.7	6.2
ENVY	6.0	6.3	6.2
SURPRISE	6.0	6.3	6.2
GATOR	7.7	4.3	6.0

TABLE 3. Fusarium Patch Ratings (9=no disease)

	ID3	OR9	MEAN
TAYA	8.7	7.3	8.0
SURPRISE	7.3	7.7	7.5
AFFINITY	7.7	6.7	7.2
PREMIER	7.3	6.7	7.0
DANILO	7.3	6.7	7.0
LEGACY	8.3	5.7	7.0
REPELL	6.3	7.7	7.0
GATOR	8.3	5.0	6.7
BARRAGE	8.0	5.3	6.7
TROUBADOUR	7.0	6.3	6.7

TABLE 4. Days to 50% Ground Cover, Rate, Av. Wkly Cover

	Cover	Rate	% of cover - days		
			@ 7	@ 10	@ 19
PREMIER	13.3+4.6	12.2	29	45	67
MULLIGAN	11.8+2.4	12.2	24	44	81
PALMER II	13.9+1.3	11.6	29	40	66
CBS II	12.5+4.0	11.6	21	45	75
ALLIANCE	12.9+3.3	11.3	21	41	74
SUNRISE PRIMO	12.7+2.4	10.9	18	39	78
LEADER BOARD	14.6+4.4	10.9	24	40	62
PINNACLE	13.3+4.8	10.7	19	40	74
COWBOY II	15.3+2.7	10.5	25	37	62
PATRIOT II	13.6+4.8	10.3	16	40	71

Estimates of cool season grasses during first 3 weeks after overseeding a "Tifway II" bermudagrass fairway at Gainesville FL

TABLE 5. Monthly and season means for turf quality, color and disease on cool season grasses overseeded on Tifdwarf bermudagrass putting green from Dec 1991 to May 1992 at Gainesville FL

	<u>Month</u>						<u>Seasonal</u>		Color	Disease
	Dec	Jan	Feb	Mar	Apr	May	Mean	CV		
PREMIER	7.8	7.8	7.4	6.8	6.3	5.3	6.85	16.7	6.4	9.0
PINNACLE	7.5	7.8	7.3	6.6	6.3	5.5	6.82	15.0	6.8	9.0
SOUTHERN SELECT	7.8	7.8	7.3	6.5	5.9	5.9	6.71	16.2	6.8	9.0
REPELL II	7.2	7.7	7.0	6.9	6.1	5.5	6.71	16.0	7.3	9.0
LEADER BOARD	7.5	7.5	7.0	6.8	6.2	5.3	6.70	15.4	6.8	9.0
COWBOY II	7.2	7.6	7.0	6.6	6.1	5.4	6.64	14.7	6.5	9.0
MEDALIST	7.4	7.3	6.9	6.6	5.9	5.4	6.59	13.8	6.3	9.0
EVENING SHADE	7.3	7.3	7.1	6.5	6.1	5.1	6.54	14.3	6.8	9.0
ESSENCE +	7.3	7.4	7.0	6.5	6.0	5.0	6.53	13.9	6.7	9.0
CBS II	7.3	7.6	7.0	6.1	5.8	5.3	6.51	16.1	5.8	9.0

CV = Coefficient of variation is a measure of relative variation around the seasonal mean expressed in percent. 13 ratings were averaged through season.

Color based on visual ratings of 1-9, 9=dark green. 3 ratings were averaged during April.

Disease based on visual ratings of Dollar Spot, 9=no disease in May.

Quality based on visual ratings of 1-9, 9=best.