



# EXCELLENT DROUGHT TOLERANCE



## LOLIUM PERENNE RINGLES

### BREEDING

- Ringles is a product of SEMILLAS FITÓ breeding program, having been developed from raw material collected in the Mediterranean and EU listed.
- The certified seed is being produced in the best production regions over the world.
- The quality control standards are very high through official germination and purity tests, fluorescence control and finally molecular markers.
- Our genetic identification control is being held in our R+D lab located in Barcelona.

### CHARACTERISTICS

- Top rated mediterranean type very suitable for moderate to high maintenance situations.
- Dwarf upright growth habit.
- Excellent establishment rate with minimum maintenance needs.
- Fine leaf texture.
- Dark green color.
- Excellent winter growing variety.
- Excellent traffic tolerance.
- It is a perfect partner of poa pratensis, fine fescues and fine textured tall fescues.
- Highly resistant to Gray Leaf Spot
- High salt tolerance
- Wide range of applications including golf course tees and fairways, sod farms, athletic fields and overseeding purposes...

Mean turfgrass quality and other ratings of overseeding grasses in the 2016 USGA/NTEP on site overseeding of bermudagrass fairway test at pensacola, FL (Lost Key Golf Club)

Name	Leaf Texture Winter	Growth* Rate Winter	Winter Color	Genetic Color	Growth* Rate Spring	Spring Density	Color Rating 20/12
LTP-3-PR Blend	7.3	3.0	8.3	7.0	2.0	7.0	7.7
<b>RINGLES</b>	<b>7.0</b>	<b>4.3</b>	<b>8.3</b>	<b>7.0</b>	<b>3.0</b>	<b>8.0</b>	<b>8.0</b>
Brightstar SLT	6.7	3.3	7.7	7.3	3.3	8.0	7.3
Futura 3000	7.3	2.7	8.0	7.3	1.7	7.3	6.7
Natural Knit	7.3	3.0	7.3	7.3	2.3	6.7	7.0
PPG-PR-308	7.0	3.0	8.3	7.0	2.7	7.7	8.0
SUN	7.0	3.7	7.0	6.7	3.7	7.3	7.0
Champion GQ	7.7	2.7	7.3	7.7	2.0	7.7	6.7
Landmark Winterseed 3 Blend	7.0	3.0	7.3	6.7	2.0	6.7	5.7
LCP-186	6.0	4.0	7.0	6.3	3.7	7.0	6.3
SPR Spreading Tyegrass Overseeding Mix	7.3	3.0	7.3	6.7	2.3	7.3	7.0
Allisport 5	6.0	4.3	6.3	6.7	3.7	6.7	6.0
Commander ST	5.7	3.7	6.3	6.3	3.3	7.3	6.0
Stellar 3GL	7.0	2.7	7.3	6.7	2.3	7.0	7.0
Landmark Winterseed 5 Blend	6.5	3.7	6.7	7.7	2.7	6.3	6.7
Line Drive II	6.7	3.0	6.0	6.7	3.7	7.0	6.3
PH.D.	8.3	3.0	7.3	6.7	2.7	7.0	7.0
Prospert 4	7.0	3.3	6.0	6.3	3.3	7.0	5.3
Futura 2500	6.0	3.7	6.0	7.3	3.7	6.3	6.0
IRFL-2-11	6.0	4.3	7.0	7.7	3.3	6.0	6.7
Sabre III	8.0	1.0	5.7	5.3	2.0	7.3	6.7
Transist 2600	4.3	4.3	5.3	5.3	4.3	7.0	4.7
CS-PRX	7.0	2.3	7.0	7.3	2.0	5.0	6.0
Breakout	5.7	3.7	5.3	5.0	3.7	6.0	4.3
LBP-PT-601	.	.	.	.	.	.	.
LSD Value	1.5	2.6	0.9	1.2	2.3	3.2	1.1

9 = best turf quality / \*growth rate 1-5 = 5 tallest

## TURF PERFORMANCE SCORES

Seeding rate g/m <sup>2</sup>	35
Interseeding rate g/m <sup>2</sup>	40
Overseeding rate Tees, Fairways, Rough g/m <sup>2</sup>	50
Seeds per gram	546
Days of germination	4-8
Recommended planting dates	Spring / autumn
Color	Medium to dark
Establishment / Green up	Fast
Growth rate	Slow
Leaf texture	Fine
Maintenance needs	Low
Fertilizing needs	Medium
Shade tolerance	Medium
Winter dormancy	No
Disease resistance	Pythium, Red tread, Gray leaf spot, Dollar spot
Recovering capacity	Excellent
Traffic tolerance	Excellent
Heat tolerance	High
Mowing height	8-20 mm
Mowing frequency	Medium
Salt tolerance	High
Irrigation needs	Medium
Endophyte enhanced	Yes



## MANAGEMENT

- For perennial turf, the best mowing height is between 10 and 50 mm. On overseeded golf greens, however, you can mow up to 5 mm.
- As a general guideline, applications of balanced fertilizer supplying 25 to 40 units of N per month of growing season. It prefers a balanced 4-1-3 fertilizer.
- When Ringles perennial rye is used as a perennial turf in hot, humid summer climates, summer fertilization should be avoided. Fall fertilization is the best under those conditions.
- Spray chemicals only if it is needed.
- Neither verticutting nor core cultivation are needed.
- Deep irrigation advised except during establishing period.