



## PERENNIAL RYEGRASS

### Ignite Topnotch Turf Quality

Catalyst perennial ryegrass has shown top of the page performance across several regions, including the US Southwest and Midwest. It has the versatility to perform under both low and high maintenance programs. Catalyst has demonstrated good salt and traffic tolerance and even under stress it shows well all season long. It emerges from the ground quickly with vigorous establishment and showcases an eye catching, dark green color. Catalyst is accompanied by a strong disease package that has shown exceptional resistance to crown rust and gray leaf spot.

#### Features

- Premium turf quality
- Vigorous establishment
- Good traffic and salt tolerance
- Crown rust and gray leaf spot resistance

### Turfgrass Quality

*Turfgrass quality ratings of perennial ryegrass cultivars for each month grown at Fresno, CA 2019 data. Turfgrass quality ratings 1-9; 9=ideal turf*

NAME	MEAN
PST-2FOXY	6.2
<b>Catalyst</b>	<b>6.0</b>
<b>TOP 10%</b>	5.9
Paragon 2 GLR (FP2)	5.8
Overdrive 5G	5.6
Slugger 3GL (PPG-PR 343)	5.6
Seabiscuit	5.6
<b>TOP 25%</b>	5.6
Slider LS (PPG-PR 241)	5.5
Pepper II (RAD-PR 103)	5.4
<b>AVERAGE</b>	5.3
Derby Xtreme	5.3
<b>BOTTOM 30%</b>	5.2
Silver Sport (PST-2CRP)	5.1
Fastball 3GL (PPG-PR 329)	5.1
Apple 3GL (PPG-PR 339)	4.9
Homerun LS (PPG-PR 419)	4.9
Brightstar SLT	4.7
SAVANT	3.9
<b>LSD VALUE</b>	1.2
<b>C.V. (%)</b>	14.1

### Gray Leaf Spot

*Gray leaf spot ratings of perennial ryegrass cultivars 2017 data. Gray leaf spot ratings 1-9; 9=no disease*

NAME	NJ2
KARMA	9.0
<b>TOP 10%</b>	8.3
PPG-PR 421	8.3
Fastball 3GL (PPG-PR 329)	8.0
<b>TOP 25%</b>	7.7
<b>Catalyst</b>	<b>7.7</b>
PPG-PR 331	7.3
RRT	7.3
<b>AVERAGE</b>	6.7
Seabiscuit	6.7
<b>BOTTOM 30%</b>	4.7
Evolve	4.7
LINN	1.0
<b>LSD VALUE</b>	1.5
<b>C.V. (%)</b>	16.1

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## Mean Turfgrass Quality

NTEP mean turfgrass quality ratings of perennial ryegrass cultivars grown at five locations in the U.S. Maintained using 2017 data. Turfgrass quality ratings 1-9; 9=ideal turf

NAME	IL1	KY1	MI1	NE1	NJ2	MEAN
NP-2	7.4	6.7	5.9	5.4	6.9	6.5
TOP 10%	7.6	7.0	5.7	5.6	6.3	6.3
Catalyst	7.2	6.7	5.7	5.7	6.5	6.3
PPG-PR 421	7.4	7.2	5.2	5.2	6.3	6.3
TOP 25%	7.4	6.9	5.6	5.3	6.0	6.2
PPG-PR 331	7.4	6.9	5.8	5	6.1	6.2
Fastball 3GL (PPG-PR 329)	7.1	6.9	5.6	5.6	6	6.2
RRT	6.9	6.8	5.6	5.4	6.3	6.2
AVERAGE	6.8	6.4	5.3	5.0	5.5	5.8
Seabiscuit	7.4	6.7	5.7	4.7	5.6	6.0
02BS1	7.3	6.7	4.8	4.9	5.9	5.9
BOTTOM 30%	7.1	6.6	5.2	4.9	4.8	5.7
Evolve	6.9	6.2	5.5	4.9	4.4	5.6
LINN	2.8	3.1	3.2	3.0	1.0	2.6
LSD VALUE	0.7	0.4	0.7	0.7	0.7	0.3
C.V. (%)	6.3	4.2	7.7	8.9	8.4	7.0

## Percent Establishment

NTEP percent establishment ratings of perennial ryegrass cultivars 2017 data.

NAME	CT1	MI1	MO1	NE1	WI1	MEAN
Catalyst	80.0	65.0	98.0	60.0	66.7	73.9
SAVANT	71.7	70.0	91.7	63.3	68.3	73.0
PPG-PR 331	75.0	71.7	91.7	56.7	66.7	72.3
RRT	76.7	71.7	91.7	56.7	61.7	71.7
TOP 10%	73.3	73.3	95.9	60.0	64.5	71.6
Evolve	80.0	71.7	95.0	56.7	50.0	70.7
TOP 25%	69.6	71.7	94.3	60.0	61.7	70.2
Seabiscuit	68.3	73.3	95.7	56.7	55.0	69.8
PPG-PR 421	61.7	70.0	93.3	63.3	58.3	69.3
AVERAGE	69.0	61.3	92.9	59.0	69.2	70.3
Fastball 3GL (PPG-PR 329)	63.3	70.0	90.7	60.0	56.7	68.1
BOTTOM 30%	63.3	66.7	91.7	56.7	56.7	67.6
02BS1	63.3	60.0	91.7	56.7	40.0	62.3
BAR LP 6165	50.0	60.0	89.0	60.0	46.7	61.1
LSD VALUE	13.9	10.6	6.6	10.4	15.0	5.2
C.V. (%)	13.2	9.6	4.4	11.3	16.1	10.6

## Mean Turfgrass Quality

NTEP mean turfgrass quality ratings of perennial ryegrass cultivars grown at two locations in the U.S. Maintained using 2019 data. Turfgrass quality ratings 1-9; 9=ideal turf

NAME	OR1	VA1	MEAN
PPG-PR 367	7.3	6.8	7.0
Slugger 3GL (PPG-PR 343)	6.8	6.9	6.9
TOP 10%	6.9	6.8	6.8
Homerun LS (PPG-PR 419)	6.8	6.9	6.8
Overdrive 5G	6.9	6.5	6.7
TOP 25%	6.7	6.6	6.6
Catalyst	6.6	6.6	6.6
Apple 3GL (PPG-PR 339)	6.8	6.2	6.5
Fastball 3GL (PPG-PR 329)	6.8	6.1	6.4
Seabiscuit	6.6	6.2	6.4
AVERAGE	6.5	6.1	6.3
Silver Sport (PST-2CRP)	6.6	6.1	6.3
Slider LS (PPG-PR 241)	6.4	6.2	6.3
Paragon 2 GLR (FP2)	6.7	5.9	6.3
Pepper II (RAD-PR 103)	6.6	5.9	6.3
BOTTOM 30%	6.4	5.9	6.2
Derby Xtreme	6.6	5.5	6.0
Brightstar SLT	5.9	4.6	5.3
LINN	5.3	3.2	4.3
LSD VALUE	0.5	1.2	0.6
C.V. (%)	4.9	11.9	8.9