

# APPROACH

## “Turf Type” Annual Ryegrass

*Lolium multiflorum*

### DESCRIPTION

APPROACH Turf Type Annual Ryegrass is gaining popularity for over-seeding Bermudagrass turf, and as a nurse grass with cool season species. APPROACH is an alternative to more persistent and competitive perennial or intermediate ryegrasses. APPROACH is a new “turf-type” annual ryegrass released in 2013, with a more attractive appearance & improved turf quality compared to Gulf annual ryegrass. APPROACH is quick to germinate and establish, is durable, and is fast to *check out* in spring.

### APPLICATIONS

--Attractive to Budget minded Sports & Golf facilities for over-seeding and temporary cover.

-Winter Overseeding Bermudagrass Turf

-Nurse-grass component in cool season mixtures. (quicker emergence, faster to stabilize soil)

-Temporary cover with improved turf quality

- *Turf type annual ryegrasses do not have the turf quality of the latest perennial ryegrass. For premium, performance, choose Sox Fan, Spark, Intense or one of Landmark's other high performance perennial ryegrasses.*

### GEOGRAPHICAL ADAPTATION

Adapted to both cool and warm season regions for temporary turf.

### SEEDS PER POUND

@235,000

### FEATURES & BENEFITS

- Lower seed cost of production compared to Perennial Ryegrass
- Outstanding Spring Transition - less competition for bermudagrass, & can lower management costs
- Fast Germination -Quick Turf Coverage
- Germinates in cooler soil temperatures- later seeding window
- Improved turf quality- compared to Gulf Annual Ryegrass
- Wear tolerant

### PRODUCTION AREAS

Oregon

### RATE\*

Overseeding (warm season) 7-15+ lbs./1,000 ft<sup>2</sup>.

Overseeding (cool season) 5-10 lbs./1,000 ft<sup>2</sup>.

New Seeding 7-10 lbs./1,000 ft<sup>2</sup>.

Include up to 1/3 APPROACH with Other Ryegrasses in blends, or 5-20% by weight in cool-season mixtures as a nurse-grass.

\*local conditions vary and dictate rates



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### Overseed test - fall 2011 to spring 2012

Table 1. Mean percent plot overseed cover, percent plot bermudagrass cover, percent plot straw ratings, and transition slope index for overseed entires maintained as fairway turf, 2011-2012. Univ. Arizona.

Entry #	Name	% Plot overseed <sup>1</sup>	% Plot bermuda <sup>3</sup>		Transition rate <sup>5</sup>
		1/27/2012	5/8/12	6/11/2012	
14	6PB27	98	<b>66</b>	<b>100</b>	-1.96
34	<i>non-seeded Control</i>	2	<b>81</b>	<b>97</b>	-0.47
7	JOURNEY I/R	97	<b>39</b>	<b>95</b>	-2.58
27	Lateral Spead Brand	98	<b>16</b>	<b>81</b>	-2.74
<b>4</b>	<b>Approach TTARG</b>	<b>98</b>	<b>28</b>	<b>80</b>	<b>-2.35</b>
36	2-Streams	97	<b>16</b>	<b>80</b>	-2.68
19	SRO 'Fast Transition'	95	<b>20</b>	<b>78</b>	-2.44
28	Black Cat II	97	<b>25</b>	<b>75</b>	-2.20
16	SRO PRLE	96	<b>18</b>	<b>74</b>	-2.38
30	MVS 60/40	98	<b>29</b>	<b>71</b>	-1.96
26	Slugger II	96	<b>17</b>	<b>70</b>	-2.26
29	Confetti III	98	<b>15</b>	<b>68</b>	-2.23
31	Academy III	97	<b>36</b>	<b>66</b>	-1.53
17	SRO PRHE	97	<b>18</b>	<b>65</b>	-2.04
25	Playfast	96	<b>11</b>	<b>63</b>	-2.12
20	SRO 'Overseed Max'	99	<b>19</b>	<b>58</b>	-1.72
2	Pangea	97	<b>36</b>	<b>55</b>	-1.07
1	Saltinas	97	<b>19</b>	<b>54</b>	-1.56
35	Linn	95	<b>50</b>	<b>53</b>	-0.54
5	Cascadia P/R	96	<b>16</b>	<b>53</b>	-1.57
18	SRO 'Overseed rye'	98	<b>16</b>	<b>49</b>	-1.44
22	1103	95	<b>14</b>	<b>48</b>	-1.43
Test Mean <sup>6</sup>		93	<b>27</b>	<b>70</b>	<b>-1.90</b>
LSD <sup>7</sup>		4.0	<b>27.7</b>	<b>20.3</b>	1.2

1 Overseed cover in fall = (0-100%) of plot surface. Values are the mean of 4 replications.

2 Overseed coverin at late spring = (0-100%) of plot surface. Values are the mean of 4 replications.

3 % Plot bermudagrass cover (0-100%). Values are the man of 4 replications.

5 Transition slope. Values w hich are more negative have a faster transition as determined by the loss of living overseed cover, only.

6 Test Mean = Average of all overseeded plots and non-seeded control. Values are the mean of 4 replications.

7 LSD Value = least significant difference value, used as the treatment mean separation statistic.



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Turf Quality <sup>1</sup>	
Texas	2011
Axcella 2	5.5
<b>APPROACH</b>	<b>5.4</b>
Marshall	3.3
Gulf	1.7
LSD (.05)	1.1
CV (%)	13.9

Turf color <sup>3</sup>	
Texas	2010
Axcella 2	5.7
<b>APPROACH</b>	<b>5.6</b>
Marshall	3.4
Gulf	2.8
LSD (.05)	0.7
CV (%)	11.9

Turfgrass texture <sup>2</sup>	
Texas	2011
Axcella 2	5.9
<b>APPROACH</b>	<b>5.0</b>
Marshall	<b>2.2</b>
Gulf	1.9
LSD (.05)	1.0
CV (%)	13.5

Turf density <sup>2</sup>	
Texas	2011
Axcella 2	5.5
<b>APPROACH</b>	<b>5.4</b>
Marshall	3.3
Gulf	1.7
LSD (.05)	1.0
CV (%)	12.1

<sup>1</sup>Mean Quality Index as an average over four replications of scores 1 to 9, where 1=dead, 5=marginal, 6=acceptable, 9=best possible.

<sup>2</sup>Mean turfgrass texture and density ratings by visual as an average over four replications of scores 1 to 9, where 1=dead, 5=marginal, 6=acceptable, 9=best possible.

<sup>3</sup>Mean color rating by visual score or comparison to color chart.

A-9.1578 = experimental designation for Approach Turf Type Annual Ryegrass



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