

# Performance in Tough Conditions

Swagger is a proven performer under difficult conditions. It has demonstrated good drought tolerance and fast recovery. Complimented by a top-notch disease package with resistance to pythium and brown patch – where it was a top performer in the Transition Zone. Salinity tolerance combines with good wear and traffic tolerance making Swagger THE choice for tough conditions.

# Features Drought tolerant Salinity tolerant Seedling vigor Brown patch resistance High endophyte

## **Drought Stress**

Pure Seed trial: 2013 mean drought stress ratings for entries in a tall fescue turf trial seeded fall of 2012 near Riverside, CA and evaluated using digital image analysis.

	DROUGHT % GREEN COVER							RECOVERY % GREEN COVER		
NAME	15 AUG	19 AUG	21 AUG	23 AUG	26 AUG	28 AUG	30 AUG	03 SEP	06 SEP	13 SEP
Crackle	94.0	94.1	93.7	87.3	72.9	74.6	66.1	79.6	86.8	87.2
Rain Dance	92.5	94.4	91.8	84.5	65.4	66.2	63.8	75.7	78.2	77.1
Saltillo	91.2	94.1	91.3	84.7	63.7	60.9	52.8	62.9	65.7	78.0
Swagger	91.2	94.4	92.9	86.9	66.8	64.8	61.0	71.9	68.1	76.2
Cumberland	88.6	91.4	89.7	81.3	59.6	50.1	44.2	59.2	63.5	68.3
2nd Millennium	87.5	90.9	86.5	71.1	41.5	35.1	27.3	31.1	37.5	37.2
LSD Value	5.0	4.9	6.8	10.4	18.6	23.6	29.8	31.4	31.5	30.9
C.V. (%)	4.0	3.8	5.4	9.0	20.8	27.4	37.5	33.8	32.9	29.7

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### Salt Tolerance

Pure Seed Trial: 2013 mean percentage survival for tall fescue entries placed in a greenhouse salt bath at 20 ppt NaCl on December 2012 near Hubbard, OR.

ENTRY	26 JULY	15 AUG
Rain Dance	85.7	61.3
Swagger	59.8	46.4
Saltillo	60.7	46.4
PST-5SXD	27.9	15.3
LSD (0.05)	29.7	27.4
CV (%)	36.8	47.5

# NTEP Transition Region Quality

Mean turfgrass quality ratings of tall fescue cultivars grown at seven locations in the Transistion region, 2014 data

NAME	MEAN	
Traverse 2 SRP	7.0	
DoubleTake	6.6	
Showdown	6.5	
Falcon V	6.4	
Swagger	6.3	
Saltillo	6.3	
Rain Dance	6.0	
KY-31	4.2	
LSD Value	0.3	
C.V. (%)	7.3	

### NTEP Brown Patch

Brown patch ratings of tall fescue cultivars at Raleigh, NC, 2014 data. Brown patch ratings 1-9; 9=No disease

NAME	MEAN
PST-5MVD	8.6
DoubleTake	8.1
Swagger	8.0
4th Millennium SRP	7.9
Falcon V	7.9
Rain Dance	7.9
Firecracker SLS	7.1
204 RES. BLK4	4.0
LSD Value	1.5
C.V. (%)	10.2

