

Wisconsin – Rural Site

Total living turf cover [Total Cover (TC)] for Fall 2016, Spring 2017 and Fall 2017; and percent total cover change from 2016 to 2017 (2016-2017 % TC Change). When treatment F tests were significant ($p \leq 0.05$), the Fisher's Protected Least Significant Difference Test ($\alpha = 0.05$) was used to separate means. For % TC Change (when significant), **the most positive value within a column is shaded blue**, while **the most negative value within a column is shaded red**. Remaining cells are shaded in a blue-purple-red gradient with **zero shaded purple**. Negative values indicate a reduction in turf coverage of desired species, whereas a positive value means the turf coverage of the plot increased.

This site was seeded 10/6/2016. The soil type was Orion silt loam with 4.1% organic matter. Plots were established with natural precipitation.

Turfgrass Entry	Species ¹	Fall 2016	Spring 2017	2016-2017	Fall 2017
		Total Cover (TC)	Total Cover (TC)	% TC Change	Total Cover (TC)
BAR PD06N17	AL	24.4	45.6	21.1	10.6
BAR PD9032	AL	4.4	23.3	18.9	12.2
Fults	AL	26.7	51.1	24.4	23.9
Salton Sea	AL	6.1	13.9	7.8	6.7
SeaSalt	AL	2.2	38.3	36.1	0.6
Oceania Maritima	AM	15.6	47.8	32.2	16.7
Castle	CH	61.1	30.0	-31.1	5.6
Compass II	CH	64.4	41.1	-23.3	10.0
FRC 43 M2	CH	50.0	36.7	-13.3	15.0
Heathland	CH	56.7	49.4	-7.2	9.4
Beacon	HD	36.1	59.4	23.3	12.8
Gladiator	HD	35.0	50.5	15.5	18.9
Nanook	HD	40.6	56.7	16.1	19.4
Soil Guard	HD	40.0	45.0	5.0	7.8
Sword	HD	62.8	45.6	-17.2	6.7
Barduke	KB	31.1	18.9	-12.3	20.0
J-525	KB	27.8	25.0	-2.8	11.1
J-793	KB	13.3	19.4	6.1	3.3
J-920	KB	18.9	13.3	-5.6	8.3
Milagro	KB	15.0	13.9	-1.1	21.7
Morocco	KB	13.9	23.9	10.0	12.8
Tirem	KB	12.8	27.8	15.0	10.6
Volt	KB	21.1	20.6	-0.5	1.7
16-14-Lp 145	PR	63.3	25.0	-38.3	12.8
BAR Lp 10970	PR	73.3	46.1	-27.2	3.9
Gray Fox	PR	66.1	46.7	-19.4	5.6
Premium	PR	68.9	43.9	-25.0	7.8
Replicator ²	PR	73.9	50.0	-23.9	12.2
Stellar	PR	76.1	40.5	-35.6	10.0
BAR BIF 1GRL	SB	35.6	21.1	-14.5	0.6
Blue Mesa	SH	50.0	47.2	-2.8	23.9

J-248	SH	40.0	41.7	1.7	4.4
Quatro	SH	35.0	35.6	0.6	13.3
10RT DE	SL	81.1	60.0	-21.1	29.4
Sea Mist	SL	53.9	51.1	-2.8	20.0
Seabreeze GT	SL	64.4	42.2	-22.2	10.0
Shoreline	SL	51.1	52.2	1.1	15.6
FRR 72 M2	ST	57.2	41.7	-15.6	11.7
Kent	ST	44.4	42.8	-1.7	32.2
Navigator II	ST	62.2	55.6	-6.7	25.0
Ruddy	ST	68.3	44.4	-23.9	28.9
Xeric	ST	59.4	35.0	-24.4	19.4
Avenger II	TF	47.2	32.2	-15.0	9.4
Birmingham	TF	53.3	27.8	-25.5	15.6
Black Tail	TF	76.1	35.0	-41.1	11.1
Fayette	TF	67.8	32.2	-35.6	8.3
JT-621	TF	43.3	25.6	-17.8	2.2
MNKY	TF	36.1	17.2	-18.9	0.0
Saltillo	TF	72.8	22.2	-50.5	22.8
Thunderstruck	TF	47.2	20.6	-26.7	6.1
MI DOT THV	MX	69.5	52.2	-17.2	33.9
MI DOT TUF	MX	67.8	63.9	-3.9	47.2
MN DOT 25-131	MX	38.9	30.0	-8.9	13.3
MN DOT MNST-12	MX	47.2	42.2	-5.0	16.7
NE DOT Rural Region 2	MX	32.8	11.7	-21.1	2.8
NE DOT Urban and Turf	MX	49.4	31.7	-17.8	23.9
NJ DOT A-4	MX	46.7	34.4	-12.2	11.7
NJ DOT Type B	MX	39.5	47.2	7.8	22.2
WI DOT #20	MX	52.2	25.5	-26.7	3.9
WI DOT #40	MX	29.5	23.9	-5.6	0.0
LSD 0.05		30.0	33.3	29.6	NS

¹Species tested include: AL = alkaligrass (*Puccinellia distans*); AM = seaside alkaligrass (*Puccinellia maritima*); CH = Chewings fescue (*Festuca rubra* ssp. *fallax*); HD = hard fescue (*Festuca brevipila*); KB = Kentucky bluegrass (*Poa pratensis*); PR = perennial ryegrass (*Lolium perenne*); SB = smooth brome grass (*Bromus inermis*); SL = slender creeping red fescue (*Festuca rubra* ssp. *littoralis*); ST = strong creeping red fescue (*Festuca rubra* ssp. *rubra*); TF = tall fescue (*Schedonorus arundinaceus*); MX = DOT-specified mixtures. Mixture components can be found at <http://roadsideturf.umn.edu/regional-roadside-state-mixtures>.

²Tetraploid perennial ryegrass