

Wisconsin – Urban Site

Total living turf cover [Total Cover (TC)] for Fall 2017 and Spring 2018 and percent total cover change from 2017 to 2018 (2017-2018 % 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, 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 9/10/2017. The soil type was McHenry silt loam with 3.9% organic matter. This site was seeded in fall 2017 rather than 2016. Plots were watered with a water truck during establishment. Plots were established with natural precipitation.

Turfgrass Entry	Species ¹	Fall 2017	Spring 2018	2017-2018
		Total Cover (TC)		% TC Change
BAR PD06N17	AL	55.6	68.9	13.3
BAR PD9032	AL	8.9	71.1	62.2
Fults	AL	30.6	76.1	45.6
Salton Sea	AL	1.7	45.6	43.9
SeaSalt	AL	8.9	69.4	60.6
Oceania Maritima	AM	31.7	72.2	40.6
Castle	CH	35.6	81.1	45.6
Compass II	CH	58.3	81.7	23.3
FRC 43 M2	CH	37.8	85.0	47.2
Heathland	CH	54.4	79.4	25.0
Beacon	HD	43.3	81.7	38.3
Gladiator	HD	46.1	90.6	44.4
Nanook	HD	32.2	86.1	53.9
Soil Guard	HD	36.1	85.0	48.9
Sword	HD	38.3	78.9	40.6
Barduke	KB	33.3	62.8	29.4
J-525	KB	14.4	53.3	38.9
J-793	KB	24.4	66.7	42.2
J-920	KB	13.3	54.4	41.1
Milagro	KB	15.6	63.3	47.8
Morocco	KB	10.6	56.7	46.1
Tirem	KB	12.8	55.6	42.8
Volt	KB	13.3	47.8	34.4
16-14-Lp 145	PR	84.4	93.9	9.4
BAR Lp 10970	PR	83.9	96.7	12.8
Gray Fox	PR	86.7	96.1	9.4
Premium	PR	89.4	96.7	7.2
Replicator ²	PR	87.2	97.8	10.6
Stellar	PR	79.4	91.1	11.7
BAR BIF 1GRL	SB	64.4	88.9	24.4
Blue Mesa	SH	53.9	87.2	33.3
J-248	SH	35.6	79.4	43.9

Quatro	SH	33.3	83.3	50.0
10RT DE	SL	42.2	91.1	48.9
Sea Mist	SL	51.7	82.8	31.1
Seabreeze GT	SL	55.6	88.3	32.8
Shoreline	SL	52.8	83.9	31.1
FRR 72 M2	ST	56.7	86.7	30.0
Kent	ST	42.8	83.3	40.6
Navigator II	ST	53.3	78.3	25.0
Ruddy	ST	61.7	90.6	28.9
Xeric	ST	46.1	83.9	37.8
Avenger II	TF	73.9	96.7	22.8
Birmingham	TF	71.1	91.1	20.0
Black Tail	TF	55.6	87.8	32.2
Fayette	TF	61.1	89.4	28.3
JT-621	TF	67.8	90.0	22.2
MNKY	TF	58.3	81.1	22.8
Saltillo	TF	78.3	93.9	15.6
Thunderstruck	TF	65.0	92.8	27.8
MI DOT THV	MX	73.9	93.9	20.0
MI DOT TUF	MX	64.4	87.8	23.3
MN DOT 25-131	MX	59.4	86.1	26.7
MN DOT MNST-12	MX	43.9	87.2	43.3
NE DOT Rural Region 2	MX	23.3	63.9	40.6
NE DOT Urban and Turf	MX	86.1	98.9	12.8
NJ DOT A-4	MX	33.3	73.9	40.6
NJ DOT Type B	MX	51.7	88.3	36.7
WI DOT #20	MX	62.8	89.4	26.7
WI DOT #40	MX	40.0	78.9	38.9
LSD 0.05		22.4	25.3	29.6

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