

Nebraska – 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. 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 10/15/2016. The soil type was Aksarben silty clay loam. Plots were established with natural precipitation. Neither site in Nebraska established in 2016 due to lack of rainfall after seeding.

Turfgrass Entry	Species ¹	Fall 2017	Spring 2018	2017-2018
		Total Cover (TC)	Total Cover (TC)	% TC Change
BAR PD06N17	AL	10.0	3.3	-6.7
BAR PD9032	AL	9.1	16.7	7.6
Fults	AL	13.3	36.1	22.8
Salton Sea	AL	5.0	7.2	2.2
SeaSalt	AL	4.8	7.8	3.0
Oceania Maritima	AM	9.8	21.1	11.3
Castle	CH	3.9	0.0	-3.9
Compass II	CH	18.0	25.6	7.6
FRC 43 M2	CH	24.1	18.3	-5.7
Heathland	CH	23.3	25.0	1.7
Beacon	HD	16.9	44.4	27.6
Gladiator	HD	52.0	47.2	-4.8
Nanook	HD	19.6	29.4	9.8
Soil Guard	HD	4.4	12.8	8.3
Sword	HD	12.2	20.6	8.3
Barduke	KB	19.1	51.1	32.0
J-525	KB	25.9	28.3	2.4
J-793	KB	68.5	70.6	2.0
J-920	KB	25.4	36.7	11.3
Milagro	KB	37.8	28.9	-8.9
Morocco	KB	23.0	29.4	6.5
Tirem	KB	47.8	29.4	-18.3
Volt	KB	16.9	7.2	-9.6
16-14-Lp 145	PR	71.5	79.4	8.0
BAR Lp 10970	PR	78.0	69.4	-8.5
Gray Fox	PR	57.0	85.0	28.0
Premium	PR	65.7	77.2	11.5
Replicator ²	PR	45.7	68.3	22.6
Stellar	PR	68.5	80.6	12.0
BAR BIF 1GRL	SB	49.6	1.1	-48.5
Blue Mesa	SH	9.6	26.7	17.0
J-248	SH	24.6	38.9	14.3
Quatro	SH	6.5	21.7	15.2
10RT DE	SL	11.9	25.0	13.2
Sea Mist	SL	35.4	49.4	14.1
Seabreeze GT	SL	17.0	16.7	-0.4
Shoreline	SL	26.9	50.0	23.2

FRR 72 M2	ST	30.2	33.9	3.7
Kent	ST	30.2	25.0	-5.2
Navigator II	ST	25.9	33.3	7.4
Ruddy	ST	33.7	33.3	-0.4
Xeric	ST	10.6	15.0	4.4
Avenger II	TF	79.3	85.6	6.3
Birmingham	TF	65.4	83.3	18.0
Black Tail	TF	65.0	55.6	-9.4
Fayette	TF	65.6	81.7	16.1
JT-621	TF	66.3	74.4	8.2
MNKY	TF	58.5	61.7	3.2
Saltillo	TF	63.2	84.4	21.3
Thunderstruck	TF	81.3	87.2	5.9
MI DOT THV	MX	30.4	58.9	28.5
MI DOT TUF	MX	15.6	58.9	43.3
MN DOT 25-131	MX	47.4	42.2	-5.2
MN DOT MNST-12	MX	17.8	17.8	0.0
NE DOT Rural Region 2	MX	47.6	48.3	0.7
NE DOT Urban and Turf	MX	80.0	81.1	1.1
NJ DOT A-4	MX	35.9	42.2	6.3
NJ DOT Type B	MX	51.1	60.6	9.4
WI DOT #20	MX	55.0	46.1	-8.9
WI DOT #40	MX	52.8	65.6	12.8
LSD 0.05		36.7	37.9	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