

Performance of cool season blends, mixtures and cultivars in 2015 NTEP Low Input Cool-Season Test seeded September 2, 2015 at St. Paul, MN.

Mixture, Cultivar or Selection	Species <sup>1</sup>	----- Turfgrass Quality <sup>2</sup> -----											Intended --- Species <sup>3</sup> ---		
		2016- -2019 Ave.	2016 Ave.	2017 Ave.	2018 Ave.	2019 Ave.	May 2019	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Summer 2019	Fall 2019	
1	CRS Mix #1	HDF	5.2	4.7	5.5	5.3	5.4	5.0	4.7	5.0	6.3	5.7	5.7	72.6	80.6
2	Chantilly	STCRF	5.1	6.0	4.9	4.6	4.9	4.7	4.0	4.7	5.3	5.7	5.3	75.0	89.9
3	Vitality Low Main. Mix	HDF, CHF	5.0	5.4	4.9	4.8	4.9	5.0	4.3	4.7	5.3	5.0	5.0	71.2	83.3
4	DLFPS ChCrSh	CHF, STCRF, SHF, HDF	5.0	5.3	5.1	4.6	5.1	4.7	4.7	5.0	5.3	5.0	5.7	66.3	87.9
5	Radar	CHF	4.9	4.8	5.3	5.0	4.7	4.3	4.7	4.3	4.7	5.3	4.7	67.0	82.3
6	MNHD-15	HDF	4.8	4.1	5.1	5.0	5.1	4.7	4.7	5.0	6.3	5.0	4.7	76.1	75.7
7	CS Mix	CHF, HDF, STCRF, SHF	4.8	5.1	4.9	4.6	4.5	4.3	3.7	4.3	4.7	5.0	5.0	67.0	83.3
8	CRS Mix #2	HDF, KBG	4.6	4.1	4.5	4.8	5.2	5.0	5.0	5.3	5.7	4.7	5.3	75.4	79.8
9	Resolute (7H7)	HDF	4.6	4.2	4.4	4.8	5.2	4.3	5.0	5.0	6.3	5.3	5.0	61.4	66.7
10	Northern Mixture	PR, KBG, CHF, STCRF	4.6	4.4	5.5	4.2	4.3	4.7	4.3	3.7	4.3	4.3	4.7	65.6	84.0
11	Yaak	WY	4.5	4.5	5.3	3.9	4.2	4.7	5.0	4.0	3.3	4.7	3.3	84.0	68.1
12	Spartan II	HDF	4.4	4.6	3.9	4.1	4.9	4.3	4.3	4.7	5.3	5.3	5.3	67.7	74.3
13	Vitality Double Coverage	TF, KBG	4.2	4.6	4.5	3.6	4.2	3.0	4.0	3.0	4.3	5.3	5.3	52.4	75.7
14	DTT Tall Fescue Mix	TF	4.1	4.6	4.0	3.5	4.1	3.0	4.3	3.0	4.3	4.7	5.3	62.5	76.0
15	Southern Mixture	TF, KBG, PR, CHF	4.1	4.4	4.3	3.6	4.0	3.7	4.3	3.7	3.7	4.7	4.0	71.5	83.7
16	DLFPS ChCRM	CHF, STCRF, MC	4.0	3.7	4.1	3.8	4.4	3.3	4.0	4.7	5.0	4.7	4.7	61.8	79.9
17	DLFPS TFASTC	TF, StC	4.0	4.3	4.1	3.6	4.1	2.7	3.7	3.0	4.7	5.0	5.3	58.3	84.7
18	DTTHO TF/KBG Mix	TF, KBG	4.0	4.4	4.1	3.4	3.9	3.0	3.0	3.0	4.3	5.0	5.0	53.5	71.2
19	Kingdom	TF	3.8	3.5	4.7	3.6	3.6	2.3	3.0	3.3	3.7	4.7	4.3	51.1	81.3
20	Bullseye	TF	3.8	4.7	4.0	3.0	3.4	2.3	3.0	2.7	3.7	4.0	5.0	67.0	85.8
21	DLFPS TF-A	TF	3.8	4.5	3.7	3.3	3.7	2.0	3.7	2.7	4.3	4.3	5.0	51.4	85.4
22	A-SFT	TF	3.7	4.5	3.2	3.4	3.7	3.0	3.7	2.7	4.0	4.3	4.3	50.7	77.1
23	BGR-TF3	TF	3.5	4.1	3.3	3.1	3.4	2.3	2.7	2.7	4.0	4.3	4.3	51.7	77.1
24	Kenblue	KBG	3.3	2.8	3.6	3.1	3.8	3.3	4.0	3.3	4.0	4.0	4.0	61.8	71.5
25	Ky-31 E+	TF	3.2	3.7	3.7	2.4	2.8	2.0	3.0	2.7	3.0	3.0	3.0	65.6	88.2

(continued)

26	Quatro	SHF	3.1	3.8	2.7	2.5	3.4	2.3	3.3	3.0	3.7	4.0	4.3	56.2	73.6
27	CRS Mix #3	HDF, DWC	2.7	2.7	2.1	2.7	3.3	2.7	3.0	2.7	3.3	4.0	4.3	72.9	83.0
28	Bewitched	KBG	2.0	2.2	2.1	1.6	2.1	1.0	1.7	2.0	3.0	2.3	2.3	25.3	39.2
29	Natural Knit PRG Mix	PR	1.9	3.7	1.5	1.1	1.1	1.0	1.0	1.0	1.0	1.3	1.3	14.6	45.5
30	DLFPS TFAM	TF, MC	1.8	3.1	1.4	1.3	1.4	1.0	1.0	1.0	1.3	2.0	2.3	43.4	59.7
31	DLFPS ShHM	SHF, HDF, MC	1.8	3.2	1.3	1.1	1.4	1.3	1.0	1.0	1.3	2.0	1.7	31.3	28.8
32	Dutch White Clover	DWC	1.4	2.2	1.1	1.0	1.1	1.0	1.0	1.0	1.7	1.0	1.0	78.8	27.1
LSD P=.05			0.7	0.7	1.1	0.9	0.8	1.0	1.2	1.1	1.1	1.0	1.2	16.9	14.0

<sup>1</sup> CHF = Chewings Fescue, STCRF = Strong Creeping Red Fescue, HDF = Hard Fescue, SHF = Sheep Fescue, TF = Tall Fescue, StC = Strawberry Clover, WY = Western Yarrow, PR = Perennial Ryegrass, KBG = Kentucky Bluegrass, MC = Micro Clover, DWC = Dutch White Clover

<sup>2</sup> 9 = best turf quality

<sup>3</sup> % =percentage of area covered by intended species