

2024 Statewide Cool-Season Forage Variety Trial- McGregor (Dryland)

Rank	Variety	Species	Source	Freeze [†] Rating	Dry Matter Yield (lb/a)			
					Clip 1 12/8/23	Clip 2 2/2/24	Clip 3 4/4/24	Total 2024
1	Bob Dole	HRW	AgriPro	9.3	2293	1946	6274	10513
2	Valor	Barley	Trical Superior Forage	9.0	3289	1011	6040	10341
3	Trical Bighorn	HRW	Trical Superior Forage	9.3	2442	1259	6545	10247
4	Amigos	HRW	Adaptive Genetics	8.7	2164	1734	6341	10240
5	AP Roadrunner	HRW	AgriPro	9.0	2232	1488	6145	9864
6	LA17089SBS-45-1-1	Oat	LSU	6.0	2873	1086	5756	9715
7	AP Sunbird	HRW	AgriPro	9.3	2626	1525	5429	9580
8	SY Razor	HRW*	AgriPro	8.0	2581	1524	5469	9574
9	AP Longjack	HRW	AgriPro	8.7	2427	1199	5924	9550
10	TAM 114	HRW	Adaptive Genetics	9.3	2461	1550	5394	9405
11	LA17089SBS-33-2	Oat	LSU	6.0	2229	1461	5676	9366
12	Gallagher	HRW	OSU	9.0	1917	1500	5788	9205
13	Bob	Oat	Producers Coop	5.3	2327	994	5802	9123
14	FL13126-69	Oat	University of Florida	5.7	3044	1180	4899	9122
15	TX16OCS7093	Oat	TAMU	4.7	2772	1313	5010	9094
16	TAMO 412	Oat	TAMU	6.0	2395	1011	5639	9045
17	AP Prolific	HRW	AgriPro	9.7	2248	1212	5560	9021
18	Fall Grazing Mix	Blend	Turner Seed	8.0	2276	1228	5508	9012
19	TX15OCS6163	Oat	TAMU	5.3	2718	1289	4990	8997
20	TX20AT2005	Triticale	TAMU	7.7	2812	1360	4780	8951
21	TAM 304	HRW	Scott Seed	8.3	1958	1300	5523	8781
22	TX17OCS8075	Oat	TAMU	5.0	2717	1027	4962	8706
23	Trical Kicker	Triticale	Trical Superior Forage	7.3	2426	1601	4647	8674
24	Smith's Gold	HRW	OSU	9.3	2204	1267	5199	8670
25	Buckaroo	Barley	Turner Seed	7.3	2563	1290	4626	8479
26	LA17153SBSS-55-1	Oat	LSU	5.3	2708	1158	4483	8349
27	FL13123-50	Oat	University of Florida	4.3	2674	948	4666	8288
28	TX20AT2018	Triticale	TAMU	7.7	1926	1188	4800	7914
29	LA15015SB-S50	Oat	LSU	4.3	2865	799	4250	7914
30	TX18OCS9061	Oat	TAMU	3.3	3177	894	3833	7904
31	LA17153SBSS-46-1	Oat	LSU	3.7	3339	871	3586	7796
32	TAM 205	HRW	Adaptive Genetics	9.0	1548	1292	4819	7749
33	Trical EXP 209	Triticale	Trical Superior Forage	9.3	1542	948	5157	7646
34	Trical Cadillac	Oat	Trical Superior Forage	3.7	3081	1192	3118	7391
35	TX20AT2014	Triticale	TAMU	9.0	2222	744	4375	7340
36	TAM 116	HRW	Adaptive Genetics	9.3	1422	709	5184	7315
37	TX07CS1948	Oat	TAMU	6.7	1741	967	4559	7267
38	Trical EXP 220	Triticale	Trical Superior Forage	8.3	2000	870	4193	7063
39	TX20AT2015	Triticale	TAMU	9.0	1191	265	5187	6642
40	FL13123-54	Oat	University of Florida	2.7	2967	544	2716	6227
41	LA17129SBSS-8-1	Oat	LSU	2.0	3762	355	2047	6164
42	LA17069SBSS-2-1	Oat	LSU	1.0	3457	393	1073	4923
LSD (0.05)				1.4	813	529	1219	1883
CV(%)				10.7	17	24	13	11
Mean				6.9	2467	1131	4904	8504

*Awnless Variety †Plot ratings for freeze damage rated on 1-10 scale with 10 meaning no damage

Agronomic Information

Planting Date	3-Oct
Seeding Rate: Barley, Triticale, Wheat	1,200,000 sd/ac
	Oat 67 lbs/ac
Previous Crop	Corn
In-Season Radar Estimated Precip	19.1"
Fall Soil Test:	
	N (lb/ac) 18
	P2O5 (lb/ac) 0
	S (lb/ac) 102
	pH 7.4

Herbicides: None

Trial Notes:

1. The trial was located approximately 5.5 miles southwest of McGregor, TX.
2. The nursery was fertilized prior to seeding at a rate of 17.5N, 59P. An additional 100N was applied on December 11th. A final 113N was applied on February 8.
3. Freeze ratings were taken 17 days after freeze event. Temperatures hit a minimum of 14F and remained below freezing for approximately 86 hours.
4. Conditions were very good overall for forage production at this site.

Cooperator: TAMU McGregor Research Center