

TEXAS A&M AGRI LIFE EXTENSION

2025 Oat Variety Trial: Winter Oat, Castroville (Irrigated)

Rank [†]	Variety	Source	Heading Date	Crown* Rust	Stem* Rust	Yield (bu/a)	Test Wt (lb/bu)	Protein (%)
1	LA17069SBSS-2-1	LSU	98	7	2	99.9	27.2	14.5
2	TX21CAS2046	TAMU	96	8	8	98.5	28.4	14.4
3	TX21CAS2038	TAMU	97	5	15	97.4	29.1	14.7
4	TX21CAS2058	TAMU	91	8	3	94.1	29.0	14.4
5	TX21CAS2040	TAMU	99	5	2	93.0	30.7	14.5
6	TX21CAS2039	TAMU	93	7	23	89.7	25.2	14.3
7	TAMO 411	Amigos Genetics	96	17	50	88.3	29.9	14.2
8	TX21CAS2019	TAMU	92	5	3	88.3	27.3	14.3
9	TX21CAS2006	TAMU	94	8	17	87.7	34.0	13.9
10	TX18OCS9104	TAMU	95	17	70	87.1	27.9	14.3
11	Bob	Producers Coop	90	8	17	86.8	33.7	14.4
12	TX21CAS2050	TAMU	96	7	10	86.4	24.3	14.2
13	TX18OCS9061	TAMU	91	7	17	86.2	26.1	13.7
14	TX20CAS1056	TAMU	92	17	2	83.7	29.5	14.0
15	TX19CAS0057	TAMU	97	15	22	83.2	27.8	14.2
16	LA17089SBS-45-1-1	LSU	96	7	10	81.9	27.6	14.0
17	TX21CAS2018	TAMU	90	8	2	81.7	26.0	14.5
18	LA17153SBSS-46-1	LSU	101	15	10	80.5	25.5	13.9
19	TX20CAS1071	TAMU	96	3	0	80.0	29.3	15.3
20	TX18OCS9100	TAMU	101	8	43	80.0	28.6	14.5
21	TX18OCS9125	TAMU	95	7	70	79.5	29.1	13.4
22	TX21CAS2061	TAMU	100	10	3	79.5	24.1	13.9
23	LA18120SSB-10-2	LSU	95	17	50	79.3	31.1	14.3
24	TX21CAS2002	TAMU	96	8	22	79.0	31.7	14.7
25	TX20CAS1013	TAMU	101	15	70	78.5	26.2	14.4
26	TAMO 412	TAMU	97	22	43	77.4	30.0	14.5
27	Savage	Stratton Seed	94	5	0	76.6	25.4	13.6
28	TX20CAS1074	TAMU	94	8	0	76.4	28.4	14.8
29	TAMO 606	Amigos Genetics	97	3	17	76.0	29.9	14.7
30	FLLA17088-77	University of Florida	94	17	43	75.9	24.9	13.9
31	TX20CAS1021	TAMU	95	10	37	75.3	26.5	13.8
32	TX20CAS1014	TAMU	97	10	37	74.2	28.8	14.8
33	TX21CAS2045	TAMU	92	5	3	73.1	27.7	14.5
34	TX21CAS2049	TAMU	93	5	2	73.0	25.5	14.4
35	TX21CAS2064	TAMU	97	10	3	72.1	29.1	15.2
36	TX19CAS0058	TAMU	97	13	20	69.0	26.2	14.1
37	FLLA17069-52	University of Florida	93	8	50	62.8	27.3	14.3
38	FL13126-69	University of Florida	97	23	50	61.4	30.0	14.7
39	TX21CAS2036	TAMU	93	8	0	60.2	25.6	14.2
40	TX21CAS2048	TAMU	101	8	37	56.5	27.3	13.8
LSD (0.05)			NS	12	24	17.6	2.6	0.6
CV (%)			5	72	68	13.5	5.6	2.6
Mean			95	10	22	80.3	28.0	14.3

Bolded values indicate top group based on LSD.

*Average percentage of plot area that had rust infections.

Agronomic Information

Planting Date:	20-Nov
Seeding Rate (lbs/ac):	70
Harvest Date:	15-May
Previous Crop:	Corn
Soil pH:	7.9

Trial Notes:

1. The trial was located approximately 5 miles west of Castroville, TX.
2. The trial was fertilized prior to seeding at a rate of 45N, 45P. An additional 52N was applied on January 17th.

Cooperator: Rollin Mangold