



TEXAS A&M
AGRI LIFE
EXTENSION

2024 Uniform Wheat Variety Trial: HRWW, Castroville (Irrigated)

Rank [†]	Variety	Height (in)	Lodging (%)	Yield (bu/a)			Test Wt (lb/bu)	Protein (%)
				3-Year [‡]	2-Year	2024	2024	2024
1	TAM 304	32	83	42.4	52.6	61.7	56.1	16.0
2	Dyna-Gro 7322*	32	77	35.6	42.3	47.9	54.6	17.5
3	Amigos	33	60	33.6	39.9	57.4	56.0	17.4
4	TAM W-101	32	87	24.3	23.9	34.9	52.2	16.5
5	WB4401	33	87		66.3	68.5	56.1	15.0
6	Smith's Gold	31	67		53.7	57.2	57.6	15.8
7	GoWheat 9216H	32	63		51.2	56.6	57.9	16.5
8	TX18A001119	34	77			71.9	60.2	16.1
9	High Cotton	32	80			68.6	60.3	14.7
10	TX20D5145**	32	53			67.5	54.9	15.2
11	TX17M1572	32	57			57.4	55.4	15.8
12	TX18DH313	35	97			56.0	57.4	14.9
13	WB4523	30	100			51.2	53.2	15.4
14	TX18DH287	34	77			48.9	56.1	15.7
15	LCS Helix AX	35	70			39.8	55.7	14.2
16	LCS Radar	31	57			39.6	51.6	17.7
17	LCS Atomic AX	31	63			32.5	52.0	14.1
18	TX18A001132	31	73			31.1	54.3	15.2
19	LCS Steel AX	30	73			29.8	49.2	14.6
20	LCS Warbird AX	29	30			19.8	53.4	14.6
	LSD (0.05)	3	20	5.9	7.0	8.1	1.6	0.8
	CV (%)	5	14	12.1	10.8	8.2	1.5	2.4
	Mean	32	72	34.0	47.1	49.9	55.2	15.6

*Awnless variety. **Soft Red Winter Variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 3-year, 2-year, then 2024 yield averages.

[‡]3-year average based on 2020, 2021, and 2024 data.

Agronomic Information

Trial Notes:

Planting Date:	20-Nov
Seeding Rate (seed/ac):	750,000
Harvest Date:	11-May
Previous Crop:	Corn
In-Season Estimated Precip:	10.8"
Soil pH:	7.8

1. The trial was located approximately 5 miles east of Castroville, TX.
2. The trial was fertilized prior to seeding at a rate of 200N, 70P, 20S. An additional 50N was applied on February 1.
3. Average yield was 12% higher and test weight 1.6 lb/bu more compared to 2021.

Herbicides: Ally (0.1 oz/ac) was applied on December 19.
Huskie (11 oz/ac) was applied on February 1.

Cooperator: Rollin Mangold



TEXAS A&M
AGRI LIFE
EXTENSION

2024 Uniform Wheat Variety Trial: HRSW, Castroville (Irrigated)

Rank [†]	Variety	Source	Yield	Test Wt	Protein
			(bu/a)	(lb/bu)	(%)
			2024	2024	2024
1	Espresso (1.5M)	Westbred	68.2	60.1	16.2
2	Espresso (1.25M)	Westbred	66.8	60.1	16.1
3	LCS Cannon	Limagrain	64.8	61.2	15.7
4	24HRS105	Nutrien	63.1	56.8	15.5
5	LCS Buster	Limagrain	62.4	56.3	14.4
6	LCS Trigger	Limagrain	61.6	58.2	14.1
7	LCS Ascent	Limagrain	59.9	59.4	15.2
8	Commander	Nutrien	56.9	56.5	16.2
9	WB9518	Westbred	56.6	59.5	16.0
10	Ambush	Nutrien	54.3	60.4	16.6
11	24HRS106	Nutrien	54.2	57.2	14.6
12	24HRS107	Nutrien	48.7	57.2	14.9
13	24HRS104	Nutrien	46.1	59.5	14.9
14	24HRS102	Nutrien	44.8	55.8	13.1
15	LCS Hammer AX	Limagrain	43.8	55.7	15.9
16	24HRS103	Nutrien	43.7	54.9	15.3
17	24HRS101	Nutrien	40.9	56.9	13.8
18	Ballistic	Nutrien	34.2	56.6	17.7
LSD (0.05)			12.7	1.4	0.4
CV (%)			11.8	1.2	1.4
Mean			53.9	57.9	15.3

[†]Varieties ranked according to 2024 yield averages.

Bolded values indicate top group based on LSD.

Agronomic Information

Trial Notes:

Planting Date:	19-Dec
Seeding Rate (seed/ac):	1,250,000
Harvest Date:	11-May
Previous Crop:	Corn
In-Season Estimated Precip:	8.6"
Soil pH:	7.8

- 1.** The trial was located approximately 5 miles east of Castroville, TX.
- 2.** The trial was fertilized prior to seeding at a rate of 200N, 70P, 20S. An additional 50N was applied on February 1.
- 3.** Average yield was 88% higher compared to 2020.

Herbicides: Huskie (11 oz/ac) was applied on February 1.

Cooperator: Rollin Mangold