

2015 Dryland Winter Wheat Variety Performance Trial at Lamar

Variety	Brand/Source	Yield	Test Weight ^a	Plant Height
		bu/ac	lb/bu	in
CO11D1353	Colorado State Univ. exp.	38.2	56.8	21
CO11D1397	Colorado State Univ. exp.	37.9	59.5	23
CO11D1236	Colorado State Univ. exp.	37.3	57.5	21
CO11D174	Colorado State Univ. exp.	37.0	58.5	21
CO11D1539	Colorado State Univ. exp.	36.9	54.3	23
Antero	PlainsGold	36.5	57.5	21
CO11D1298	Colorado State Univ. exp.	34.5	57.4	22
CO11D1306W	Colorado State Univ. exp.	34.4	58.0	21
LCS Mint	Limagrain	34.0	56.4	22
Byrd	PlainsGold	33.4	60.8	21
LCH13DH-5-59	Limagrain exp.	32.9	56.1	22
CO11D1316W	Colorado State Univ. exp.	31.8	56.9	25
CO11D1767	Colorado State Univ. exp.	31.8	56.2	20
TAM 112	Watley Seed	30.3	60.8	18
Denali	PlainsGold	29.9	56.0	22
SY Monument	AgriPro Syngenta	29.6	56.8	21
CO11D1174	Colorado State Univ. exp.	29.4	54.1	22
CO11D446	Colorado State Univ. exp.	28.9	58.4	19
TAM 113	AGSECO	28.8	57.8	19
Cowboy	Crop Res. Found. of WY	27.7	57.6	21
Iba	Oklahoma Genetics	27.4	52.5	19
KS11HW39-5-4	Kansas State Univ. exp.	27.4	58.1	20
Snowmass	PlainsGold	27.3	54.4	22
TAM 204	Watley Seed	26.6	-	20
Winterhawk	WestBred Monsanto	26.4	-	22
SY Wolf	AgriPro Syngenta	26.4	52.3	19
Hatcher	PlainsGold	26.3	55.4	19
Akron	Colorado State Univ.	26.3	54.7	18
Settler CL	Husker Genetics	25.7	-	18
Oakley CL	Kansas Wheat Alliance	25.6	50.0	17
KanMark	Kansas Wheat Alliance	25.3	54.7	17
Bearpaw	Montana State Univ.	24.7	54.0	21
Prairie Red	PlainsGold	24.6	57.8	17
TAM 114	Adaptive Genetics	24.5	57.2	19
Gallagher	Oklahoma Genetics	24.5	-	19
Above	PlainsGold	23.7	-	20
T158	Limagrain	23.2	56.5	18
Sunshine	PlainsGold	23.2	-	19
Ripper	PlainsGold	22.2	-	17
WB-Grainfield	WestBred Monsanto	22.1	-	19
NE10589	Univ. of Nebraska exp.	21.2	-	19
LCS Pistol	Limagrain	19.6	-	18
MTS1024	Montana State Univ. exp.	18.5	-	22
Brawl CL Plus	PlainsGold	17.8	-	21
Average		28.2	56.4	20
	^b LSD (P<0.30)	3.3		

^aTest weight could not be measured in a large number of plots due to insufficient grain.

^bIf the difference between two variety yields equals or exceeds the LSD value then they are significantly different with less than 30% probability that the difference is due to random error.

Site Information

Cooperators: Jensen and John Stulp
Harvest date: June 30, 2015
Planting date: September 15, 2014
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; Fall: 8-28-0
Herbicide: 2,4-D and Ally
Pesticide: Lorsban, dimethoate, and Warrior for control of brown wheat mites and worms.
Stripe Rust: Present in trial and surrounding field, but not significant. Did not spray.
General Comments: Good moisture at planting, survived winter well, had significant drought stress symptoms in early April. Cutworms were present.

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