



Apache Intensive Wheat Management Variety Trial

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Cooperator: Bryan Vail	Extension Educator: Quentin Scott
Planting & harvest dates: 10/21/2024 & 6/14/2025	Previous crop: Wheat
Management: Grain-only, conventional tillage	Soil Type: Hollister silt clay loam
Seeding rate: 1.2 million seeds/acre	Soil test: pH= 6.7, N= 45, P= 67, K= 952
Nitrogen: 6 lbs/ac 10-34-0 at planting and 70 lbs/ac on 1/31/2025	
Fungicide: 4 fl oz/ac of Tebucure 3.6 at jointing on 03/25/2025 and 10.5 fl oz/ac at flag leaf on 4/10/2025	

Licensee	Variety	Grain Yield			Test Weight	Protein
		2024-2025	2-Year	3-Year		
		----- bu/ac -----			-- lb/bu --	-- % --
PlainsGold	Kivari AX	73	71	--	57.2	14.0
KWA	KS Providence	71	67	71	56.1	14.7
Westbred	WB4422	70	--	--	56.7	15.4
Armor	AR Iron Eagle 22AX	69	--	--	57.6	13.9
AGSECO	AG Golden	69	70	72	55.0	13.5
Armor	AR Turret 25	68	--	--	56.3	14.5
OGI	High Cotton	67	68	72	58.1	13.6
OGI	Showdown	66	66	71	57.1	14.0
AgriPro	AP Sunbird	66	--	--	57.3	14.0
PlainsGold	Crescent AX	65	--	--	58.7	13.9
LCS	LCS Runner	65	--	--	57.3	13.7
LCS	LCS Helix AX	65	--	--	58.2	15.0
PlainsGold	Canvas	65	70	72	56.7	13.8
OGI	Strad CL+	65	62	64	56.5	15.2
Westbred	WB4347	65	--	--	58.4	14.1
Croplan	CP7017AX	64	67	70	57.3	13.8
Croplan	CP7869	63	63	--	55.6	15.0
AgriPro	AP24 AX	63	--	--	53.9	14.6
LCS	LCS Julep	62	--	--	57.1	15.5
LCS	LCS Cowie AX	62	--	--	56.5	14.5
AgriPro	AP Roadrunner	62	66	--	54.6	13.7
OGI	Smith's Gold	62	61	63	57.9	14.0
PlainsGold	Sheridan	61	--	--	56.1	14.1
Westbred	WB4445CLP	61	--	--	56.2	14.7
OGI	Uncharted	61	62	66	55.5	14.8
LCS	LCS Steel AX	61	--	--	53.7	14.2
KWA	KS Bill Snyder	60	--	--	56.3	14.0
Croplan	CP7462	60	--	--	56.3	13.7
LCS	LCS Radar	60	--	--	54.9	14.9
OGI	Paradox	59	64	67	54.9	13.4
OGI	Green Hammer	58	59	63	56.9	15.5
LCS	LCS Warbird AX	58	--	--	56.1	14.7
OGI	Firebox	57	56	63	58.2	15.3
OGI	OK Corral	57	58	61	54.4	14.5
LCS	LCS Atomic AX	56	58	63	57.0	14.6
OGI	Gallagher	56	61	64	55.3	14.5
OGI	Doublestop CL+	55	57	63	57.0	16.7
OGI	Orange Blossom CL+	55	58	--	56.0	15.5
OGI	Butler's Gold (Late Planted)	53	54	49	58.4	15.2
Westbred	WB4792	51	--	--	55.3	14.5
OGI	Butler's Gold	43	--	--	54.7	17.0
Experimentals						
PlainsGold	CO19D087R	68	--	--	56.4	13.8
OSU	OK20708	65	65	--	54.3	14.3
OSU	OK23D89076X	60	--	--	56.9	13.8
Mean		62	63	66	56.4	14.5
LSD (0.05)		10	6	5	2.0	1.1

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Butler's Gold late planted was planted on 11/15/2024. Leaf rust fungal disease was observed at a low pressure and severity. Double-dashes "--"=data not available.