



Kingfisher Grain-Only Wheat Variety Trial

wheat.okstate.edu

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Planting & harvest dates: 11/08/2023 & 06/11/2024

Previous crop: Wheat

Management: Grain-only

Soil type: Renfrow clay loam

Tillage: No-till

Soil test: pH=5.6, N= 79, P= 31, K= 278

Licensee	Variety	Grain Yield 2023-24	Test Weight 2023-24	Wheat Protein 2023-24	Stripe rust severity April	Leaf rust severity May
		--bu/ac--	--lb/bu--	--%--	--%--	--%--
OGI	High Cotton	55	60.0	12.4	10	5
OGI	Strad CL+	55	60.1	14.0	2	3
OGI	Big Country	54	59.5	13.0	1	3
OGI	OK Corral	53	58.5	13.1	1	20
OGI	Green Hammer	53	59.9	14.3	13	10
OGI	Firebox	52	61.2	13.7	8	5
OGI	Paradox	51	59.0	12.1	4	5
OGI	Gallagher	51	58.6	12.6	35	5
OGI	Showdown	51	59.5	12.3	5	30
PlainsGold	Canvas	51	59.1	11.6	23	40
OGI	Doublestop CL+	49	61.2	14.9	5	30
AgriPro	AP Prolific	49	59.2	12.8	25	10
LCS	LCS Atomic AX	49	58.6	12.5	8	40
OGI	Uncharted	49	59.2	13.7	10	15
KWA	KS Providence	49	57.4	13.2	5	0
LCS	LCS Helix AX	49	58.6	11.4	35	25
AGSECO	AG Golden	48	57.5	11.2	30	2
Westbred	WB4792	48	60.9	11.9	10	0
OGI	Breadbox	48	59.4	11.9	2	5
OGI	Smith's Gold	47	59.9	12.6	3	20
PlainsGold	Crescent AX	45	58.4	11.6	23	10
AgriPro	AP Roadrunner	45	57.3	12.9	3	10
Croplan	CP7017AX	35	57.1	11.4	40	25
Westbred	WB4422	35	59.5	12.2	15	5
OGI	Butler's Gold (late-planted)	25	59.4	13.8	3	15
Experimentals						
OSU	OK198417C	55	61.6	14.1	3	0
OSU	OK20708	51	58.8	12.1	3	0
OSU	OK16107133-19-4	50	57.7	14.4	18	10
OSU	OK16107133-19-3	46	59.2	14.0	5	25
Mean		48	59.2	12.8	12	13
LSD (0.05)		6	1.1	0.7	--	--

Notes: Grain yield was adjusted to 12% moisture content. Shaded values were not statistically different from the highest value within a column. Stripe and Leaf rust fungal diseases were observed at moderate to severe pressure in the season. Severity ratings for stripe rust were collected on April 17 (around boot stage). Severity ratings for leaf rust was collected on May 9 (around watery ripe stage). Butler's Gold late planted was planted on 12/07/2023. Test Double-dashes"--" = data not available.