



# Chickasha Standard vs. Intensive Wheat Management Comparison

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Planting & harvest dates: 10/30/17 & 6/6/18

Previous crop: Austrian winter pea

Soil type: Dale silt loam

Management: Grain-only, conventional tillage

Soil test: pH = 7.3, P = 148, K = 337

All plots had 99 lbs/ac N available at planting. Intensive Wheat Management (IWM) plots received 40 lbs/ac additional N and 4 fl oz/ac

Tilt at jointing on 3/12/18 and 10 fl oz/ac Approach Prima at heading on 4/17/18.

Licensee	Variety	2017-18 Grain Yield			2017-18 Test Weight		
		Standard	IWM	Diff.	Standard	IWM	Diff.
		-----bu/ac-----			-----lb/bu-----		
AGSECO	TAM 114	67	81	14	61.0	61.5	0.5
OGI	Iba	64	73	9	60.6	62.1	1.5
OGI	Gallagher	63	76	13	60.1	60.3	0.2
KWA	Larry	63	76	13	60.2	60.0	-0.2
WestBred	WB4269	63	78	15	59.2	60.0	0.8
CROPLAN	CP78-26	62	67	5	58.2	59.3	1.1
OGI	Smith's Gold	62	79	17	59.6	60.8	1.2
OGI	Lonerider	62	77	15	59.1	60.2	1.1
LCS	T158	61	75	14	59.7	60.8	1.1
WestBred	WB4515	60	74	14	60.3	59.8	-0.5
WestBred	Winterhawk	60	78	18	59.9	61.0	1.1
OGI	Ruby Lee	59	72	13	61.0	61.1	0.1
KWA	Zenda	59	71	12	60.4	61.3	0.9
PlainsGold	Langin	59	71	12	58.8	59.4	0.6
WestBred	WB4458	58	76	18	60.6	61.3	0.7
AgriPro	SY Grit	58	80	22	59.1	59.9	0.8
KWA	Joe	58	77	19	57.9	59.9	2.0
OGI	Stardust	57	79	22	59.2	61.1	1.9
AgriPro	Bob Dole	57	75	18	59.2	59.9	0.7
OGI	Spirit Rider	57	77	20	59.7	61.0	1.3
AgriPro	SY Rugged	57	67	10	58.7	59.3	0.6
WestBred	WB-Grainfield	56	79	23	58.5	60.9	2.4
OGI	NF 101	56	70	14	59.9	60.7	0.8
KWA	Oakley CL	55	64	9	58.1	59.3	1.2
AgriPro	SY Achieve CL2	55	68	13	60.3	61.7	1.4
AgriPro	SY Flint	54	73	19	62.3	61.9	-0.4
OGI	Doublestop CL Plus	54	70	16	61.4	62.2	0.8
WestBred	WB4721	53	71	18	61.0	61.4	0.4
LCS	LCS Mint	53	74	21	59.1	60.8	1.7
AGSECO	AG Icon	52	68	16	57.4	58.9	1.5
AgriPro	SY Benefit	52	75	23	60.4	61.2	0.8
Watley	TAM 112	52	67	15	58.8	60.9	2.1
AGSECO	AG Gallant	51	77	26	60.2	61.4	1.2
AgriMAXX	AM Eastwood	50	74	24	58.6	60.2	1.6
LCS	LCS Chrome	49	57	8	58.1	57.2	-0.9
OGI	Duster	49	65	16	58.5	59.5	1.0
LCS	LCS Avenger	48	59	11	56.1	57.3	1.2
OGI	Bentley	47	79	32	57.2	59.4	2.2
LCS	LCS Pistol	47	61	14	56.8	58.6	1.8
WestBred	WB4303	46	72	26	56.4	57.3	0.9
Watley	TAM 204	40	62	22	53.7	55.4	1.7
Dyna-Gro	Long Branch	35	52	17	53.8	56.5	2.7
<b>Experimentals</b>							
	OCW04S717T-6W	73	75	2	57.9	57.7	-0.2
	OK12D22004-016	71	77	6	62.1	63.6	1.5
	OK13621	66	73	7	61.0	61.4	0.4
	OCW05S616T-2	64	73	9	60.6	61.9	1.3
	OK12206-2	62	74	12	57.1	58.3	1.2
	OK13209	55	70	15	60.9	60.8	-0.1
	OK12716	51	69	18	58.4	59.0	0.6
	Mean	56	72	16	59.1	60.1	1.0
	LSD (0.05)	10	9	10	1.3	1.2	1.3

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Boldfaced values in the "Diff." column represent a statistical difference between the standard vs. intensive management averages for that variety. Low to moderate stripe and leaf rust and moderate to severe powdery mildew pressure during grain-fill.

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