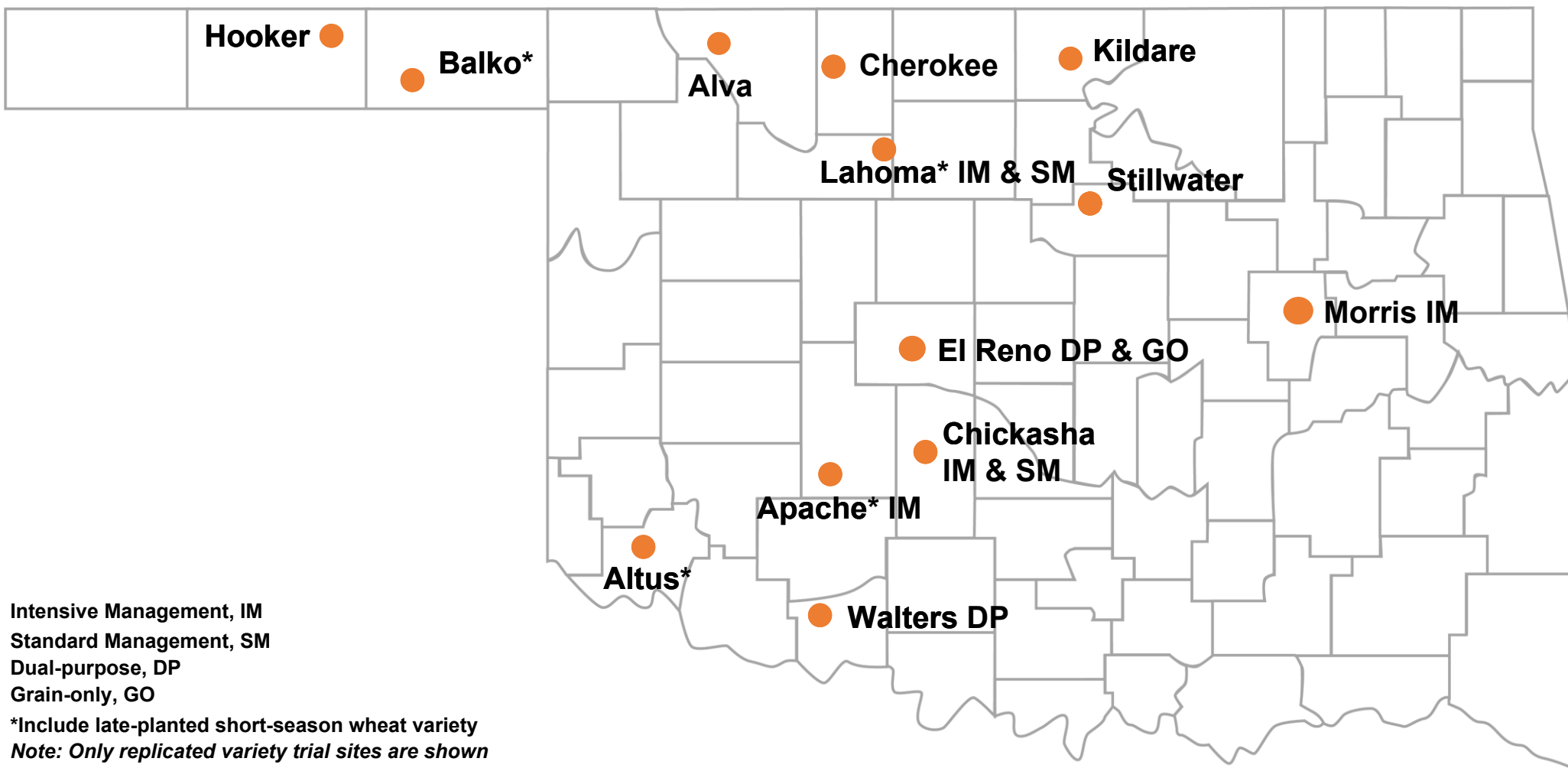




# 2022-2023 Oklahoma Small Grains Variety Performance Tests

Plant and Soil Sciences

Wheat.okstate.edu



Partial financial support provided by the Oklahoma Wheat Commission and the Oklahoma Wheat Research Foundation



# Altus Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU Southwest Research Center

Extension Educator: Gary Strickland  
Sr. Station Superintendent: Mike Schulz

28	19	22	6	56	31	1	33	7	39	53	35	37	9	18	8	40	42	52	45	17	10	30	3	38	20	34	21	51	27	43	13	50	41	25	44	12	32	46	29	2	16	11
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443

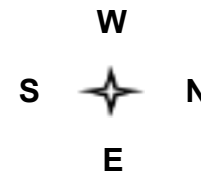
32	28	16	52	7	17	2	12	3	11	35	38	53	1	40	42	39	8	41	25	46	33	30	19	22	10	13	29	20	27	44	37	50	21	9	45	34	6	18	31	56	51	43
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343

41	42	21	33	53	17	19	6	25	52	40	39	7	3	32	30	45	46	9	2	27	1	44	50	13	35	8	20	10	51	34	16	56	43	22	37	31	38	28	11	12	18	29
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243

1	51	2	13	9	10	3	7	8	6	12	11	16	50	52	17	18	19	20	21	22	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143

Planted: 11/3/2022  
 Seeding rate: 60 lbs/acre  
 Management: Grain-only, conventional tillage Previous crop: wheat  
 Soil Type: Hollister silt clay loam

Location: 3 miles south of Altus on HW 283  
 34.588249, -99.334475



Soil test information: pH Total Soil N P K  
 6.5 30 183 1213

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1 = Gallagher	3 = OK Corral	16 = Butler's Gold (late-planted)	20 = WB4632	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX	56 = OK18205
51 = OK15MASBx7 ARS 8-29	7 = Showdown	50 = OK15DMASBx7 ARS 6-8	21 = WB4792	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas	
2 = Smith's Gold	8 = Green Hammer	52 = High Cotton (OK18510)	22 = Fill	31 = LCS Helix AX	38 = AG Radical	44 = Breck	
13 = Iba	6 = Uncharted	17 = WB4401	25 = AP Bigfoot	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX	
9 = Doublestop CL Plus	12 = Bentley	18 = WB4422	27 = AP Longjack	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX	
10 = Strad CL+	11 = Butler's Gold	19 = WB4523	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	53 = OK16107133-19-3	



# Alva Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Joe Shirley

Extension Educator: Greg Highfill

40	17	8	10	3	21	39	34	50	52	5	6	51	13	20	7	45	1	11	53	30	43	26	19	29	22	9	42	28	57	2	4
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432

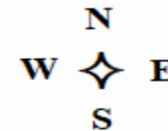
11	9	2	42	21	1	53	26	17	7	6	13	50	40	19	8	57	30	3	51	39	4	28	43	10	52	20	29	45	5	22	34
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332

53	51	40	8	11	2	5	28	42	3	43	45	17	29	22	50	1	57	34	30	21	7	20	39	9	6	13	19	10	26	52	4
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232

1	51	2	13	9	10	3	5	7	8	6	4	11	50	52	17	19	20	21	22	26	57	28	29	30	34	39	40	42	43	45	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132

Planted: 10/13/2022  
 Seeding rate: 60 lbs/acre  
 Management: Grain-only, conventional tillage  
 Previous crop: wheat  
 Soil Type: Bethany silt loam

Location: 4 mile north, 4 miles west of Alva  
 36.856153, -98.760064



Soil test information:	pH	Total Soil N	P	K
	6.6	140	31	526

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1	=	Gallagher	3	=	OK Corral	11	=	Butler's Gold	21	=	WB4792	30	=	LCS Atomic AX	45	=	CP7017AX
51	=	OK15MASBx7 ARS 8-29	5	=	Big Country	50	=	OK15DMASBx7 ARS 6-8	22	=	Fill	34	=	LCS Photon AX	53	=	OK16107133-19-3
2	=	Smith's Gold	7	=	Showdown	52	=	High Cotton (OK18510)	26	=	SY Wolverine	39	=	AG Golden			
13	=	Iba	8	=	Green Hammer	17	=	WB4401	57	=	Bob Dole	40	=	AM Cartwright			
9	=	Doublestop CL Plus	6	=	Uncharted	19	=	WB4523	28	=	KS Providence	42	=	Crescent AX			
10	=	Strad CL+	4	=	Baker's Ann	20	=	WB4632	29	=	KS Ahearn	43	=	Canvas			



# Apache Hard Winter Intensive Wheat Management Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Bryan Vail

Extension Educator: Allison Pitmon

39	8	11	34	19	53	50	22	30	10	16	46	25	1	21	7	43	45	13	9	28	6	35	52	42	2	51	3	40	54	17
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431

28	16	54	8	25	10	43	42	9	19	17	2	7	46	1	11	34	39	21	22	35	45	3	50	52	6	40	13	51	30	53
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331

2	3	28	46	53	19	22	8	43	6	11	34	35	10	17	9	1	25	16	21	51	45	7	50	13	39	54	40	52	42	30
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231

1	51	2	13	9	10	3	7	8	6	11	16	50	52	17	19	21	22	25	28	30	34	35	39	40	42	43	45	46	53	54
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131

Planted: 10/14/2022

Seeding rate: 1.2 million seeds/acre

Management: Grain-only, No-till

Previous crop: wheat

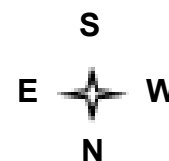
Soil Type: Hollister silt loam

Soil test information:

<u>pH</u>	<u>Total Soil N</u>	<u>P</u>	<u>K</u>
5.5	103	37	336

Location: 2.5 mile West of Apache on Hwy 19

34.898344, -98.398306



Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1 = Gallagher	3 = OK Corral	52 = High Cotton (OK18510)	28 = KS Providence	42 = Crescent AX
51 = OK15MASBx7 ARS 8-29	7 = Showdown	17 = WB4401	30 = LCS Atomic AX	43 = Canvas
2 = Smith's Gold	8 = Green Hammer	19 = WB4523	34 = LCS Photon AX	45 = CP7017AX
13 = Iba	6 = Uncharted	21 = WB4792	35 = LCS Julep	46 = CP7266AX
9 = Doublestop CL Plus	11 = Butler's Gold	22 = Fill	39 = AG Golden	53 = OK16107133-19-3
10 = Strad CL+	16 = Butler's Gold (late-planted)	25 = AP Bigfoot	40 = AM Cartwright	54 = OK19225



# Balko Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Kenton Patzkowski

Extension Educator: Loren Sizelove

1	12	15	51	29	21	39	43	42	45	40	44	14	16	3	2	26	48	34	30	7	28	52	22	4	13
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426

44	29	48	21	13	45	43	15	2	1	42	4	22	52	16	12	14	30	28	40	7	3	39	26	51	34
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326

16	2	14	21	51	7	43	3	28	44	45	29	34	12	42	40	48	1	13	30	26	15	22	52	4	39
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226

1	51	2	13	3	7	12	4	14	15	16	52	21	22	26	28	29	30	34	39	40	42	43	44	45	48
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126

Planted: 10/10/2022. Butler's Gold Late Planted: 11/8/22

Seeding rate: 45 lb/ac

Management: Grain-only, conventional tillage

Previous crop: fallow

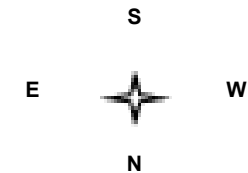
Soil Type: Dale silt loam

Soil test information:	<u>pH</u>	<u>Total Soil N</u>	<u>P</u>	<u>K</u>
	7.3	51	28	810

Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1	=	Gallagher	12	=	Bentley	21	=	WB4792	34	=	LCS Photon AX	45	=	CP7017AX
51	=	OK15MASBx7 ARS 8-29	4	=	Baker's Ann	22	=	Fill	39	=	AG Golden	48	=	TAM115
2	=	Smith's Gold	14	=	Breakthrough	26	=	SY Wolverine	40	=	AM Cartwright			
13	=	Iba	15	=	Lonerider	28	=	KS Providence	42	=	Crescent AX			
3	=	OK Corral	16	=	Butler's Gold (late-planted)	29	=	KS Ahearn	43	=	Canvas			
7	=	Showdown	52	=	High Cotton (OK18510)	30	=	LCS Atomic AX	44	=	Breck			





# Cherokee Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Kenneth Failes

Extension Educator: Tommy Puffinbarger

5	8	57	35	10	11	38	45	40	1	53	3	29	13	18	7	43	21	17	26	51	31	23	20	2	4	28	42	52	50	30	6	9
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433

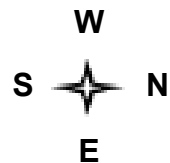
17	31	13	11	50	29	57	18	8	28	3	21	7	6	1	38	9	26	53	2	20	42	23	51	52	40	35	10	30	43	5	45	4
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333

50	45	35	2	5	57	3	53	11	17	38	52	26	23	8	1	42	18	7	43	20	6	28	51	40	10	29	21	30	4	13	9	31
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233

1	51	2	13	9	10	3	5	7	8	6	4	11	50	52	17	18	20	21	23	26	57	28	29	30	31	35	38	40	42	43	45	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133

Planted: 10/13/2022  
 Seeding rate: 60 lb/ac  
 Management: Grain-only, conventional tillage  
 Previous crop: wheat  
 Soil Type: Dale silt loam

Location: 1.5 miles north of Hwy 8 and 11 junction  
 36.814063, -98.360585



Soil test information:	pH	Total Soil N	P	K
	6.5	132	50	562

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1	=	Gallagher	3	=	OK Corral	11	=	Butler's Gold	21	=	WB4792	30	=	LCS Atomic AX	43	=	Canvas
51	=	OK15MASBx7 ARS 8-29	5	=	Big Country	50	=	OK15DMASBx7 ARS 6-8	23	=	AP EverRock	31	=	LCS Helix AX	45	=	CP7017AX
2	=	Smith's Gold	7	=	Showdown	52	=	High Cotton (OK18510)	26	=	SY Wolverine	35	=	LCS Julep	53	=	OK16107133-19-3
13	=	lba	8	=	Green Hammer	17	=	WB4401	57	=	Bob Dole	38	=	AG Radical			
9	=	Doublestop CL Plus	6	=	Uncharted	18	=	WB4422	28	=	KS Providence	40	=	AM Cartwright			
10	=	Strad CL+	4	=	Baker's Ann	20	=	WB4632	29	=	KS Ahearn	42	=	Crescent AX			



# Chickasha Hard Winter Wheat Forage Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU South Central Research Station

Ext. Educator: --

Sr. Station Superintendent: Michael Pettijohn

1	53	10	40	7	37	22	45	9	18	38	34	23	17	52	6	20	8	43	2	42	29	30	3	5
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425

30	18	53	7	29	9	8	22	20	2	6	43	17	37	1	10	34	38	42	45	3	40	23	5	52
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325

2	3	30	52	22	7	42	5	10	9	20	8	1	29	18	23	45	43	6	17	37	53	38	40	34
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225

1	2	9	10	3	5	7	8	6	52	17	18	20	22	23	29	30	34	37	38	40	42	43	45	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125

Planted: 10/7/2022

Seeding rate: 120 lbs/acre

Management: Grain-only, conventional tillage

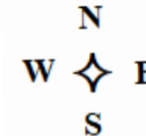
Previous crop: Austrian winter peas

Soil Type: Dale silt loam

Soil test information:            pH    Total Soil N    P    K  
    7.9            105            39    278

Location: 1/2 mile south of HWY 62 east side of Chickasha

35.045413, -97.907990



Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1	=	Gallagher	5	=	Big Country	17	=	WB4401	29	=	KS Ahearn	40	=	AM Cartwright
2	=	Smith's Gold	7	=	Showdown	18	=	WB4422	30	=	LCS Atomic AX	42	=	Crescent AX
9	=	Doublestop CL Plus	8	=	Green Hammer	20	=	WB4632	34	=	LCS Photon AX	43	=	Canvas
10	=	Strad CL+	6	=	Uncharted	22	=	Fill	37	=	LCS Chrome	45	=	CP7017AX
3	=	OK Corral	52	=	High Cotton (OK18510)	23	=	AP EverRock	38	=	AG Radical	53	=	OK16107133-19-3



# Chickasha Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU South Central Research Station

Ext. Educator: --  
Sr. Station Superintendent: Michael Pettijohn

24	31	21	46	8	19	1	45	17	40	6	5	20	29	39	51	7	41	53	32	33	10	54	38	25	37	3	30	28	27	50	22	18	2	43	44	34	11	57	23	35	42	52	9
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444

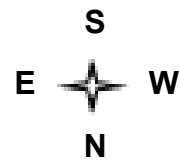
30	37	50	42	8	27	45	40	21	17	24	28	7	33	43	9	11	3	20	41	34	53	6	39	35	19	23	52	38	1	51	54	32	25	18	29	44	22	10	31	57	46	2	5
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344

52	41	39	33	50	2	6	28	45	3	46	17	21	53	44	57	25	9	1	42	22	8	23	35	54	40	29	34	24	37	10	38	18	19	32	5	30	20	27	51	7	11	31	43
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244

1	51	2	9	10	3	5	7	8	6	11	50	52	17	18	19	20	21	22	23	24	25	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53	54
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144

Planted: 10/21/2022  
 Seeding rate: 60 lbs/acre  
 Management: Grain-only, conventional tillage  
 Previous crop: Austrian winter peas  
 Soil Type: Dale silt loam

Location: 1/2 mile south of HWY 62 east side of Chickasha  
 35.045413, -97.907990



Soil test information:	pH	Total Soil N	P	K
	6.6	56	35	221

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1 = Gallagher	5 = Big Country	52 = High Cotton (OK18510)	22 = Fill	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	53 = OK16107133-19-3
51 = OK15MASBx7 ARS 8-29	7 = Showdown	17 = WB4401	23 = AP EverRock	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX	54 = OK19225
2 = Smith's Gold	8 = Green Hammer	18 = WB4422	24 = AP Prolific	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas	
9 = Doublestop CL Plus	6 = Uncharted	19 = WB4523	25 = AP Bigfoot	31 = LCS Helix AX	38 = AG Radical	44 = Breck	
10 = Strad CL+	11 = Butler's Gold	20 = WB4632	27 = AP Longjack	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX	
3 = OK Corral	50 = OK15DMASBx7 ARS 6-8	21 = WB4792	57 = Bob Dole	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX	





# Chickasha Hard Winter Intensive Wheat Management Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU South Central Research Station

Ext. Educator: --  
Sr. Station Superintendent: Michael Pettijohn

57	21	24	5	54	30	1	32	6	39	53	34	37	8	20	7	40	42	52	45	19	9	29	3	38	22	33	23	51	27	43	17	50	35	41	25	44	11	31	46	28	2	18	10
901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944

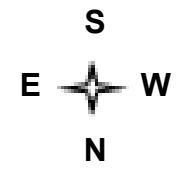
31	57	18	52	6	19	2	11	3	10	34	38	53	1	35	40	42	39	7	41	25	46	32	29	21	24	9	17	28	22	27	44	37	50	23	8	45	33	5	20	30	54	51	43
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844

41	42	23	32	53	19	21	5	25	52	35	40	39	6	3	31	29	45	46	8	2	27	1	44	50	17	34	7	22	9	51	33	18	54	43	24	37	30	38	57	10	11	20	28
701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744

1	51	2	9	10	3	5	7	8	6	11	50	52	17	18	19	20	21	22	23	24	25	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53	54
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644

Planted: 10/21/2022  
 Seeding rate: 60 lbs/acre  
 Management: Grain-only, conventional tillage  
 Previous crop: Austrian winter peas  
 Soil Type: Dale silt loam  
 Soil test information: pH Total Soil N P K  
 6.6 56 35 221

Location: 1/2 mile south of HWY 62 east side of Chickasha  
 35.045413, -97.907990



Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

- |                          |                          |                            |                  |                      |                    |                  |                      |
|--------------------------|--------------------------|----------------------------|------------------|----------------------|--------------------|------------------|----------------------|
| 1 = Gallagher            | 5 = Big Country          | 52 = High Cotton (OK18510) | 22 = Fill        | 28 = KS Providence   | 34 = LCS Photon AX | 41 = Kivari AX   | 53 = OK16107133-19-3 |
| 51 = OK15MASBx7 ARS 8-29 | 7 = Showdown             | 17 = WB4401                | 23 = AP EverRock | 29 = KS Ahearn       | 35 = LCS Julep     | 42 = Crescent AX | 54 = OK19225         |
| 2 = Smith's Gold         | 8 = Green Hammer         | 18 = WB4422                | 24 = AP Prolific | 30 = LCS Atomic AX   | 37 = LCS Chrome    | 43 = Canvas      |                      |
| 9 = Doublestop CL Plus   | 6 = Uncharted            | 19 = WB4523                | 25 = AP Bigfoot  | 31 = LCS Helix AX    | 38 = AG Radical    | 44 = Breck       |                      |
| 10 = Strad CL+           | 11 = Butler's Gold       | 20 = WB4632                | 27 = AP Longjack | 32 = LCS Steel AX    | 39 = AG Golden     | 45 = CP7017AX    |                      |
| 3 = OK Corral            | 50 = OK15DMASBx7 ARS 6-8 | 21 = WB4792                | 57 = Bob Dole    | 33 = LCS Galloway AX | 40 = AM Cartwright | 46 = CP7266AX    |                      |



# El Reno Hard Winter Wheat Dual-purpose Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jerry Lingo

Extension Educator: Kyle Worthington

1	56	10	42	7	52	38	20	50	51	23	9	17	40	30	22	11	53	6	18	8	45	2	44	24	29	3	5
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428

29	17	56	7	24	9	8	20	18	2	6	45	11	38	1	10	30	40	23	44	50	3	42	22	5	51	53	52
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328

2	3	29	53	20	23	7	44	5	10	9	18	8	1	24	17	22	50	45	6	51	11	38	56	40	52	42	30
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228

1	51	2	9	10	3	5	7	8	6	11	50	52	17	18	20	22	23	24	29	30	38	40	42	44	45	53	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128

Planted: 10/19/2022

Seeding rate: 120 lbs/acre

Management: Dual Purpose, conventional tillage

Previous crop: wheat

Soil Type: Bethany silt loam

Soil test information:

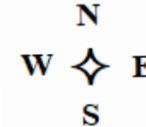
pH	Total Soil N	P	K
5.6	106	63	365

Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

Location: 1/2 mile south of I 40, 3/4 mile east of Radio Rd

35.494086, -97.891086



1 = Gallagher	5 = Big Country	52 = High Cotton (OK18510)	24 = AP Prolific	44 = Breck
51 = OK15MASBx7 ARS 8-29	7 = Showdown	17 = WB4401	29 = KS Ahearn	45 = CP7017AX
2 = Smith's Gold	8 = Green Hammer	18 = WB4422	30 = LCS Atomic AX	53 = OK16107133-19-3
9 = Doublestop CL Plus	6 = Uncharted	20 = WB4632	38 = AG Radical	56 = OK18205
10 = Strad CL+	11 = Butler's Gold	22 = Fill	40 = AM Cartwright	
3 = OK Corral	50 = OK15DMASBx7 ARS 6-8	23 = AP EverRock	42 = Crescent AX	



# El Reno Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jerry Lingo

Extension Educator: Kyle Worthington

1	7	10	53	23	17	30	45	44	51	50	9	11	3	22	2	24	52	18	6	29	38	8	42	56	40	5	20
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428

23	50	17	8	52	45	53	10	2	30	1	44	5	56	18	51	11	7	9	29	22	42	6	3	40	20	24	38
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328

11	2	9	17	53	6	44	45	3	22	50	51	23	30	7	42	40	52	1	18	38	8	56	20	10	5	24	29
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228

1	51	2	9	10	3	5	7	8	6	11	50	52	17	18	20	22	23	24	29	30	38	40	42	44	45	53	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128

Planted: 11/21/2022

Seeding rate: 60 lbs/acre

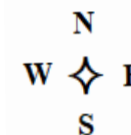
Management: Grain-only, conventional tillage

Previous crop: wheat

Soil Type: Bethany silt loam

Location: 1/2 mile south of I 40, 3/4 mile east of Radio Rd

35.494086, -97.891086



Soil test information:	<u>pH</u>	<u>Total Soil N</u>	<u>P</u>	<u>K</u>
	5.6	106	63	365

Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1 = Gallagher	5 = Big Country	52 = High Cotton (OK18510)	24 = AP Prolific	44 = Breck
51 = OK15MASBx7 ARS 8-29	7 = Showdown	17 = WB4401	29 = KS Ahearn	45 = CP7017AX
2 = Smith's Gold	8 = Green Hammer	18 = WB4422	30 = LCS Atomic AX	53 = OK16107133-19-3
9 = Doublestop CL Plus	6 = Uncharted	20 = WB4632	38 = AG Radical	56 = OK18205
10 = Strad CL+	11 = Butler's Gold	22 = Fill	40 = AM Cartwright	
3 = OK Corral	50 = OK15DMASBx7 ARS 6-8	23 = AP EverRock	42 = Crescent AX	



# Hooker Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Ernest & Dan Herald

Extension Educator: Dr. Britt Hicks

26	33	21	48	13	19	1	45	17	42	35	30	7	2	4	20	31	41	46	12	39	40	15	52	28	51	3	49	47	29	22	32	43	37	38	25	44	34	14	18	27
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441

32	39	49	44	13	28	42	21	17	26	43	45	30	12	35	48	14	3	20	40	33	37	7	38	34	51	19	1	47	52	31	29	41	27	18	15	46	22	25	4	2	4
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	

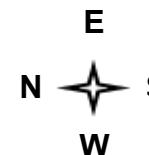
52	43	41	35	2	7	30	46	3	47	17	21	42	45	29	27	14	1	51	22	13	25	40	49	38	48	26	37	15	39	18	19	33	4	31	20	28	34	12	32	44
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241

1	51	2	13	3	7	12	4	14	15	52	17	18	19	20	21	22	25	26	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	47	48	49
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141

Planted: 10/10/2022  
 Seeding rate: 45 lbs/acre  
 Management: Grain-only, conventional tillage  
 Previous crop: Grain Sorghum  
 Soil Type: Dalhart fine sandy loam

Location: 2 mile NE of Hooker on Hwy 54, Mile 48 RD  
 36.895672, -101.161583

Soil test information: pH Total Soil N P K  
 7.4 98 206 725



Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1 = Gallagher	12 = Bentley	18 = WB4422	26 = SY Wolverine	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX
51 = OK15MASBx7 ARS 8-29	4 = Baker's Ann	19 = WB4523	27 = AP Longjack	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX
2 = Smith's Gold	14 = Breakthrough	20 = WB4632	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	47 = TAM112
13 = Iba	15 = Lonerider	21 = WB4792	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX	48 = TAM115
3 = OK Corral	52 = High Cotton (OK18510)	22 = Fill	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas	49 = TAM204
7 = Showdown	17 = WB4401	25 = AP Bigfoot	31 = LCS Helix AX	38 = AG Radical	44 = Breck	



# Kildare Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Don Schieber

Extension Educator: Shannon Mallory

13	52	6	55	42	17	23	8	11	30	53	38	19	1	46	31	10	44	7	20	51	12	4	32	29	24	2	5	50	40	9	3	28
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433

20	11	55	6	19	8	32	31	7	13	12	30	2	5	46	23	1	44	52	29	38	42	40	10	3	9	28	4	17	24	51	50	53
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333

55	20	40	3	13	17	6	44	4	9	24	32	8	12	7	53	28	11	23	31	50	1	5	51	38	30	46	19	2	52	29	42	10
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233

1	51	2	13	9	10	3	5	7	8	6	12	4	11	50	52	17	19	20	23	24	28	29	30	31	32	38	40	42	44	46	53	55
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133

Planted: 10/31/2022

Seeding rate: 60 lbs/acre

Management: Grain-only, No-till

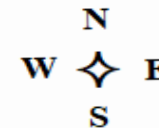
Previous crop: soybeans

Soil Type: Tabler silt loam

Soil test information: 

pH	Total Soil N	P	K
5.4	62	69	298

Location: 5 miles west of HWY 77, 1.5 mile North of HWY 11 36.835739, -97.159766



Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1 = Gallagher	3 = OK Corral	4 = Baker's Ann	20 = WB4632	31 = LCS Helix AX	46 = CP7266AX
51 = OK15MASBx7 ARS 8-29	5 = Big Country	11 = Butler's Gold	23 = AP EverRock	32 = LCS Steel AX	53 = OK16107133-19-3
2 = Smith's Gold	7 = Showdown	50 = OK15DMASBx7 ARS 6-8	24 = AP Prolific	38 = AG Radical	55 = OK16103083
13 = Iba	8 = Green Hammer	52 = High Cotton (OK18510)	28 = KS Providence	40 = AM Cartwright	
9 = Doublestop CL Plus	6 = Uncharted	17 = WB4401	29 = KS Ahearn	42 = Crescent AX	
10 = Strad CL+	12 = Bentley	19 = WB4523	30 = LCS Atomic AX	44 = Breck	



# Lahoma Hard Winter Wheat Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

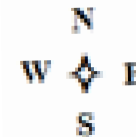
Cooperator: OSU North Central Research Station

Extension Educator: Rick Nelson  
Field Supervisor: David Victor

51	26	1	57	5	39	33	17	40	29	7	16	45	20	53	44	25	8	3	42	24	18	38	19	4	30	23	11	31	6	13	34	9	35	43	32	50	2	37	22	28	27	46	12	21	52	41	10
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448
12	53	5	13	2	10	3	9	29	41	32	34	1	50	33	37	28	17	20	30	8	11	24	6	57	18	38	23	16	40	25	45	31	7	19	39	52	4	27	26	21	46	51	42	35	43	44	22
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348
35	37	19	57	52	13	17	40	43	4	21	51	30	34	5	3	33	27	25	44	45	7	2	22	1	24	41	39	11	23	6	18	8	29	42	12	28	38	20	50	53	31	32	9	16	26	46	10
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248
1	51	2	13	9	10	3	5	7	8	6	12	4	11	16	50	52	17	18	19	20	21	22	23	24	25	26	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148

Planted: 10/27/2022  
 Seeding rate: 60 lbs/acre  
 Management: Grain-only, conventional tillage  
 Previous crop: Austrian winter peas  
 Soil Type: Pond Creek silt loam

Location: 1 mile west of Lahoma on Hwy 60  
 36.384788, -98.105196



Soil test information:

pH	Total Soil N	P	K
5.2	146	111	352

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1 = Gallagher	3 = OK Corral	4 = Baker's Ann	18 = WB4422	24 = AP Prolific	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX
51 = OK15MASBx7 ARS 8-29	5 = Big Country	11 = Butler's Gold	19 = WB4523	25 = AP Bigfoot	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas
2 = Smith's Gold	7 = Showdown	16 = Butler's Gold (late-planted)	20 = WB4632	26 = SY Wolverine	31 = LCS Helix AX	38 = AG Radical	44 = Breck
13 = Iba	8 = Green Hammer	50 = OK15DMASBx7 ARS 6-8	21 = WB4792	27 = AP Longjack	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX
9 = Doublestop CL Plus	6 = Uncharted	52 = High Cotton (OK18510)	22 = Fill	57 = Bob Dole	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX
10 = Strad CL+	12 = Bentley	17 = WB4401	23 = AP EverRock	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	53 = OK16107133-19-3



# Lahoma Hard Winter Intensive Wheat Management Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

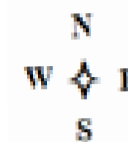
Cooperator: OSU North Central Research Station

Extension Educator: Rick Nelson  
Field Supervisor: David Victor

20	27	17	41	7	13	1	44	50	11	34	5	35	4	16	25	38	45	6	39	52	57	29	30	9	53	26	21	33	3	28	22	46	23	12	2	32	43	19	18	42	24	40	51	31	37	10	8
901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948
22	40	34	52	43	50	17	11	20	24	45	28	44	8	10	16	33	31	42	57	27	35	38	5	26	6	37	13	19	7	3	1	46	39	51	18	12	30	23	53	29	32	9	21	25	41	2	4
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848
44	35	33	28	42	45	2	5	24	43	3	53	11	39	46	34	32	40	31	18	26	7	19	23	25	52	17	38	50	27	21	9	37	12	30	1	20	4	22	6	41	51	10	8	57	29	16	13
701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748
1	51	2	13	9	10	3	5	7	8	6	12	4	11	16	50	52	17	18	19	20	21	22	23	24	25	26	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648

Planted: 10/27/2022  
Seeding rate: 1.2 million seeds/acre  
Management: Grain-only, conventional tillage  
Previous crop: Austrian winter peas  
Soil Type: Pond Creek silt loam

Location: 1 mile west of Lahoma on Hwy 60  
36.384788, -98.105196



Soil test information:	pH	Total Soil N	P	K
	5.2	146	111	352

Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
Harvested:

1 = Gallagher	3 = OK Corral	4 = Baker's Ann	18 = WB4422	24 = AP Prolific	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX
51 = OK15MASBx7 ARS 8-29	5 = Big Country	11 = Butler's Gold	19 = WB4523	25 = AP Bigfoot	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas
2 = Smith's Gold	7 = Showdown	16 = Butler's Gold (late-planted)	20 = WB4632	26 = SY Wolverine	31 = LCS Helix AX	38 = AG Radical	44 = Breck
13 = Iba	8 = Green Hammer	50 = OK15DMASBx7 ARS 6-8	21 = WB4792	27 = AP Longjack	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX
9 = Doublestop CL Plus	6 = Uncharted	52 = High Cotton (OK18510)	22 = Fill	57 = Bob Dole	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX
10 = Strad CL+	12 = Bentley	17 = WB4401	23 = AP EverRock	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	53 = OK16107133-19-3



# Morris Hard Winter Intensive Wheat Management Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Chris Ledbetter

Extension Educator: Tanner Miller

1	17	23	54	34	57	40	45	52	42	51	20	25	3	2	29	53	38	35	6	30	55	28	5	19
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425
52	34	57	19	53	51	23	2	1	45	5	28	55	25	17	20	35	30	42	6	3	40	29	54	38
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325
25	2	20	57	54	6	45	3	30	51	52	35	17	42	40	53	1	19	34	29	23	28	55	5	38
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225
1	51	2	3	5	6	52	17	19	20	23	25	57	28	29	30	34	35	38	40	42	45	53	54	55
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125

Planted: 11/1/2022

Seeding rate: 1.2 million seeds/acre

Management: Grain-only, conventional tillage

Previous crop: Corn

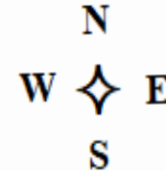
Soil Type: Taloka silt loam

Soil test information:

pH	Total Soil N	P	K
6.7	250	148	279

Location: 2 miles South of HWY 62 and 1.25 mile West of HWY 52

35.581215, -95.876939



Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1	=	Gallagher	6	=	Uncharted	23	=	AP EverRock	30	=	LCS Atomic AX	42	=	Crescent AX
51	=	OK15MASBx7 ARS 8-29	52	=	High Cotton (OK18510)	25	=	AP Bigfoot	34	=	LCS Photon AX	45	=	CP7017AX
2	=	Smith's Gold	17	=	WB4401	57	=	Bob Dole	35	=	LCS Julep	53	=	OK16107133-19-3
3	=	OK Corral	19	=	WB4523	28	=	KS Providence	38	=	AG Radical	54	=	OK19225
5	=	Big Country	20	=	WB4632	29	=	KS Ahearn	40	=	AM Cartwright	55	=	OK16103083





# Stillwater Hard Winter Wheat Forage Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU Stillwater Research Station

Extension Educator: Nathan Anderson

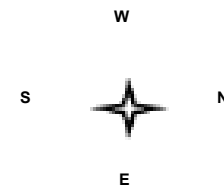
Sr. Station Superintendent : Erich Wehrenberg

37	42	45	55	19	13	22	26	53	30	62	9	12	39	18	35	29	28	33	41	43	6	57	7	54	46	17	21	8	3	1	34	40	51	14	50	44	23	31	24	10	27	20	56	2	5	32	38	25
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349
46	38	35	30	44	50	2	6	26	56	3	51	13	42	45	37	43	33	20	57	8	21	25	27	39	19	41	32	29	53	10	40	1	24	5	14	28	12	7	9	34	18	23	52	55	22	17	54	31
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249
1	51	2	13	9	10	3	5	7	8	6	12	14	50	62	17	18	19	20	21	22	23	24	25	26	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	53	54	55	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149

Planted: 10/6/2022  
 Seeding rate: 120 lb/ac  
 Management: Grain-only, conventional tillage Previous crop: Australian winter peas  
 Soil Type: Kirkland silt loam  
 Soil test information: 

pH	Total Soil N	P	K
6.1	18	38	327

Location: West side of Stillwater HWY 51  
 36.121947, -97.087758



Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

1 = Gallagher	3 = OK Corral	14 = Breakthrough	20 = WB4632	26 = SY Wolverine	31 = LCS Helix AX	38 = AG Radical	44 = Breck	56 = OK18205
51 = OK15MASBx7 ARS 8-29	5 = Big Country	50 = OK15DMASBx7 ARS 6-8	21 = WB4792	27 = AP Longjack	32 = LCS Steel AX	39 = AG Golden	45 = CP7017AX	
2 = Smith's Gold	7 = Showdown	52 = High Cotton (OK18510)	22 = Fill	57 = Bob Dole	33 = LCS Galloway AX	40 = AM Cartwright	46 = CP7266AX	
13 = Iba	8 = Green Hammer	17 = WB4401	23 = AP EverRock	28 = KS Providence	34 = LCS Photon AX	41 = Kivari AX	53 = OK16107133-19-3	
9 = Doublestop CL Plus	6 = Uncharted	18 = WB4422	24 = AP Prolific	29 = KS Ahearn	35 = LCS Julep	42 = Crescent AX	54 = OK19225	
10 = Strad CL+	12 = Bentley	19 = WB4523	25 = AP Bigfoot	30 = LCS Atomic AX	37 = LCS Chrome	43 = Canvas	55 = OK16103083	



# Stillwater Hard Winter Wheat Demonstration Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU Stillwater Research Station

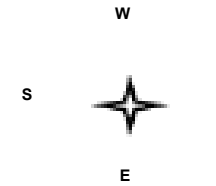
Extension Educator: Nathan Anderson  
Sr. Station Superintendent : Erich Wehrenberg

1	51	2	13	9	10	3	5	7	8	6	12	4	11	14	15	50	52	17	18	19	20	21	22	23	24	25	26	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	47	48	49	53	54	55	56
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

1	51	2	13	9	10	3	5	7	8	6	12	4	16	14	15	50	52	17	18	19	20	21	22	23	24	25	26	27	57	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	47	48	49	53	54	55	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155

Planted: 10/6/2022, 11/1/2022  
 Seeding rate: 120 lb/ac  
 Management: Grain-only, conventional tillage Previous  
 crop: Australian winter peas  
 Soil Type: Kirkland silt loam  
 Soil test information: pH Total Soil N P K  
                           6.1       18       38   327

Location: West side of Stillwater HWY 51  
 36.121947, -97.087758



Fertilization: 5 Gal/acre 10-34-0 in seed furrow  
 Harvested:

- |                          |                  |                                   |                            |                   |                    |                      |                    |                      |                 |
|--------------------------|------------------|-----------------------------------|----------------------------|-------------------|--------------------|----------------------|--------------------|----------------------|-----------------|
| 1 = Gallagher            | 3 = OK Corral    | 4 = Baker's Ann                   | 52 = High Cotton (OK18510) | 22 = Fill         | 57 = Bob Dole      | 33 = LCS Galloway AX | 40 = AM Cartwright | 46 = CP7266AX        | 55 = OK16103083 |
| 51 = OK15MASBx7 ARS 8-29 | 5 = Big Country  | 11 = Butler's Gold                | 17 = WB4401                | 23 = AP EverRock  | 28 = KS Providence | 34 = LCS Photon AX   | 41 = Kivari AX     | 47 = TAM112          | 56 = OK18205    |
| 2 = Smith's Gold         | 7 = Showdown     | 16 = Butler's Gold (late-planted) | 18 = WB4422                | 24 = AP Prolific  | 29 = KS Ahearn     | 35 = LCS Julep       | 42 = Crescent AX   | 48 = TAM115          |                 |
| 13 = Iba                 | 8 = Green Hammer | 14 = Breakthrough                 | 19 = WB4523                | 25 = AP Bigfoot   | 30 = LCS Atomic AX | 37 = LCS Chrome      | 43 = Canvas        | 49 = TAM204          |                 |
| 9 = Doublestop CL Plus   | 6 = Uncharted    | 15 = Lonerider                    | 20 = WB4632                | 26 = SY Wolverine | 31 = LCS Helix AX  | 38 = AG Radical      | 44 = Breck         | 53 = OK16107133-19-3 |                 |
| 10 = Strad CL+           | 12 = Bentley     | 50 = OK15DMASBx7 ARS 6-8          | 21 = WB4792                | 27 = AP Longjack  | 32 = LCS Steel AX  | 39 = AG Golden       | 45 = CP7017AX      | 54 = OK19225         |                 |



# Walters Hard Winter Wheat Dual-purpose Variety Trial 2022-2023

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jimmy Kinder

Extension Educator: Kimbrey Davis

1	56	13	42	8	52	39	22	50	51	30	10	18	40	38	29	17	53	7	21	9	45	2	43	34	37	3	6
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428

37	18	56	8	34	10	9	22	21	2	7	45	17	39	1	13	38	40	30	43	50	3	42	29	6	51	53	52
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328

2	3	37	53	22	30	8	43	6	13	10	21	9	1	34	18	29	50	45	7	51	17	39	56	40	52	42	38
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228

1	51	2	13	9	10	3	7	8	6	50	52	17	18	21	22	29	30	34	37	38	39	40	42	43	45	53	56
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128

Planted: 10/11/2022

Seeding rate: 120 lbs/acre

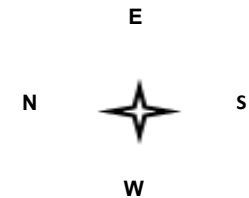
Management: Dual Purpose, Not-till

Previous crop: wheat

Soil Type: Foard silt loam

Location: 5.5 miles south on HWY 277

34.292845, -98.452151



Soil test information:

pH	Total Soil N	P	K
4.9	56	101	337

Fertilization: 5 Gal/acre 10-34-0 in seed furrow

Harvested:

1 = Gallagher	3 = OK Corral	17 = WB4401	34 = LCS Photon AX	43 = Canvas
51 = OK15MASBx7 ARS 8-29	7 = Showdown	18 = WB4422	37 = LCS Chrome	45 = CP7017AX
2 = Smith's Gold	8 = Green Hammer	21 = WB4792	38 = AG Radical	53 = OK16107133-19-3
13 = Iba	6 = Uncharted	22 = Fill	39 = AG Golden	56 = OK18205
9 = Doublestop CL Plus	50 = OK15DMASBx7 ARS 6-8	29 = KS Ahearn	40 = AM Cartwright	
10 = Strad CL+	52 = High Cotton (OK18510)	30 = LCS Atomic AX	42 = Crescent AX	