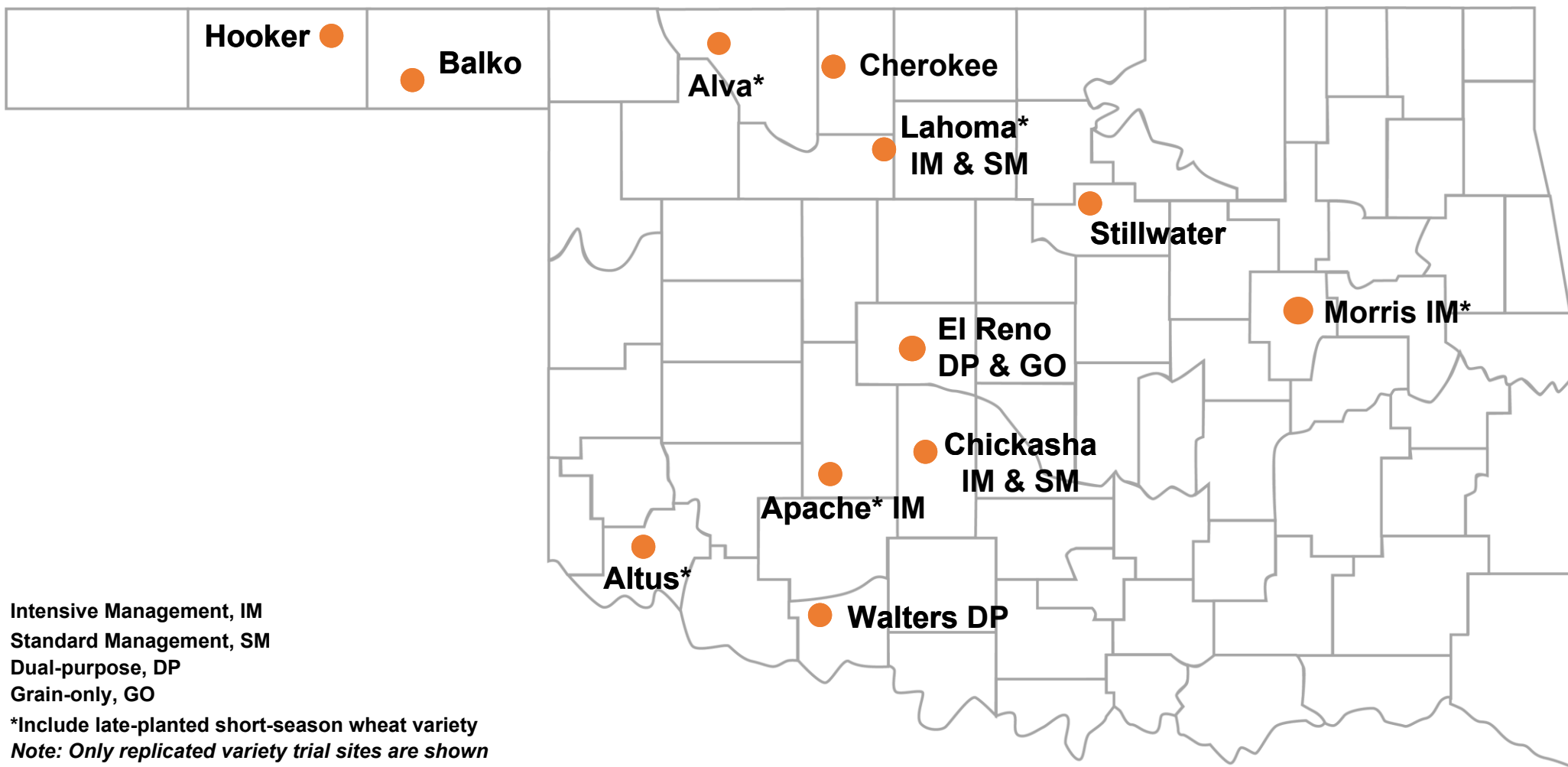




2021-2022 Oklahoma Small Grains Variety Performance Tests

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 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU Southwest Research Center

Extension Educator: Gary Strickland

50	36	29	45	37	40	30	41	33	44	7	18	54	20	3	34	10	1	35	43	14	15	17	13	46	49	48	32	52	21	26	38	27	39	6	47	11	42	5	51	2	31	8
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

27	47	20	43	3	44	26	42	13	2	37	38	30	11	40	45	54	46	17	52	50	34	39	29	31	21	10	8	51	32	15	49	36	7	33	5	41	35	14	18	1	6	48
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

34	15	40	54	41	50	52	46	5	8	49	21	1	6	51	44	43	42	10	45	48	37	26	32	20	11	47	36	30	27	29	17	31	35	3	14	38	2	13	39	18	33	7
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	2	3	5	6	7	8	10	11	13	14	15	17	54	18	20	21	26	27	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
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: 10/19/2021; 12/7/2021 Butler's Gold LP (late planted)

Seeding rate: 60 lb/acre

Tillage: Conventional

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

Soil test information: pH = 6.8, Total soil N = 102, P = 148, K = 806

Location: 34.589331, -99.334447

Location: 3 miles south of Altus on HW 283

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|------------------------|--------------------|----------------------|--------------------|--------------------|--------------------------|
| 1 = Duster | 10 = Showdown | 20 = WB4792 | 32 = KS13DH0041-35 | 39 = LCS Steel AX | 46 = Crescent AX |
| 2 = Gallagher | 11 = Green Hammer | 21 = WB4422 | 33 = LCS Photon AX | 40 = LCS Runner | 47 = Guardian |
| 3 = Smith's Gold | 13 = Skydance | 26 = AP Roadrunner | 34 = LCS Chrome | 41 = AG Icon | 48 = Sunshine |
| 5 = Doublestop CL Plus | 14 = OK Corral | 27 = AP18 AX | 35 = LCS Atomic AX | 42 = AG Golden | 49 = Breck |
| 6 = Strad CL Plus | 15 = Big Country | 29 = KS Western Star | 36 = LCS Helix AX | 43 = AG Radical | 50 = CP7017AX |
| 7 = Bentley | 17 = Butler's Gold | 30 = KS Hamilton | 37 = LCS Julep | 44 = AM Cartwright | 51 = CP72166AX |
| 8 = Uncharted | 18 = WB4401 | 31 = KS Ahearn | 38 = LCS Valiant | 45 = Canvas | 52 = OK15DMASBx7 ARS 6-8 |
| | | | | | 54 = Butler's Gold LP |



Alva Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Joe Shirley

Extension Educator: Greg Highfill

47	15	46	44	13	53	26	17	5	54	30	23	29	41	14	10	38	24	50	3	20	45	35	19	11	6	33	18	2
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

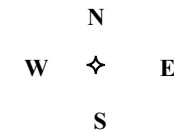
11	50	53	10	2	30	45	35	41	13	26	24	54	3	19	18	14	20	23	17	6	29	46	15	33	38	5	44	47
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329

38	41	20	3	23	18	17	11	19	46	47	44	45	6	15	33	50	35	53	5	54	26	2	13	24	30	29	10	14
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

2	3	5	6	10	11	13	14	15	17	18	19	20	23	24	26	29	30	33	35	38	41	44	45	46	47	50	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

Planted: 10/4/2021 ; 11/30/2021 Butler's Gold LP (late planted)
 Seeding rate: 60 lbs/acre
 Tillage: Conventional
 Fertilization: 5 gal/acre 10-34-0 in seed furrow
 Soil test information: pH = 6.2, Total soil N = 33, P = 29, K = 455

Location: 36.855998, -98.758991
 Location: 4 miles west, 4 miles North of Alva



2 = Gallagher
 3 = Smith's Gold
 5 = Doublestop CL Plus
 6 = Strad CL Plus
 10 = Showdown
 11 = Green Hammer

13 = Skydance
 14 = OK Corral
 15 = Big Country
 17 = Butler's Gold
 18 = WB4401
 19 = WB4699

20 = WB4792
 23 = Bob Dole
 24 = AP EverRock
 26 = AP Roadrunner
 29 = KS Western Star
 30 = KS Hamilton

33 = LCS Photon AX
 35 = LCS Atomic AX
 38 = LCS Valiant
 41 = AG Icon
 44 = AM Cartwright
 45 = Canvas

46 = Crescent AX
 47 = Guardian
 50 = CP7017AX
 53 = OK15MASBx7 ARS 8-29
 54 = Butler's Gold LP



Apache Hard Winter Intensive Wheat Management Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Bryan Vail

Extension Educator: Cade Miller

14	30	11	17	10	47	35	54	27	50	6	37	33	13	15	3	45	29	18	52	26	2	44	20	5	8	41
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

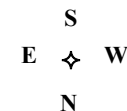
6	8	37	27	26	52	29	2	5	20	44	35	14	54	33	47	41	17	30	50	10	13	15	18	11	45	3
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327

17	18	54	35	45	41	50	37	20	27	13	30	5	10	11	26	44	52	15	47	3	14	6	8	33	2	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

2	3	5	6	8	10	11	13	14	15	17	54	18	20	26	27	29	30	33	35	37	41	44	45	47	50	52
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

Planted: 10/26/2021 ; 12/7/2021 Butler's Gold LP (late planted)
 Seeding rate: 1.2 million seeds/acre
 Tillage: Conventional
 Fertilization: 5 gal/acre 10-34-0 in seed furrow
 Soil test information: pH = 5.8, Total soil N = 23, P = 26, K = 383

Location: 34.898557, -98.397912
 Location: 2.5 mile West of Appache on Hwy 19



2 = Gallagher
 3 = Smith's Gold
 5 = Doublestop CL Plus
 6 = Strad CL Plus
 8 = Uncharted
 10 = Showdown

11 = Green Hammer
 13 = Skydance
 14 = OK Corral
 15 = Big Country
 17 = Butler's Gold
 18 = WB4401

20 = WB4792
 26 = AP Roadrunner
 27 = AP18 AX
 29 = KS Western Star
 30 = KS Hamilton
 33 = LCS Photon AX

35 = LCS Atomic AX
 37 = LCS Julep
 41 = AG Icon
 44 = AM Cartwright
 45 = Canvas
 47 = Guardian

50 = CP7017AX
 52 = OK15DMASBx7 ARS 6-8
 54 = Butler's Gold LP



Balko Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Teryl Rorabaugh

Extension Educator: Loren Sizelove

6	9	16	26	47	10	38	4	3	27	29	50	12	35	2	17	45	44	7	30	33	14	41	20	46
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

14	12	35	10	41	17	50	33	20	29	7	30	6	46	44	26	47	9	16	4	45	27	38	2	3
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

7	38	44	29	35	45	30	16	2	46	14	47	9	4	20	6	50	33	27	17	26	10	3	41	12
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

2	3	4	6	7	9	10	12	14	16	17	20	26	27	29	30	33	35	38	41	44	45	46	47	50
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: 10/5/2021

Seeding rate: 60 lb/acre

Tillage: Conventional

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

Soil test information: pH = 7.1, Total N = 46, P = 36, K = 854

Location: 36.616747, -100.765674

Location: 3.5 miles East of HWY 83

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2 = Gallagher

3 = Smith's Gold

4 = Iba

6 = Strad CL Plus

7 = Bentley

9 = Lonerider

10 = Showdown

12 = Baker's Ann

14 = OK Corral

16 = Breakthrough

17 = Butler's Gold

20 = WB4792

26 = AP Roadrunner

27 = AP18 AX

29 = KS Western Star

30 = KS Hamilton

33 = LCS Photon AX

35 = LCS Atomic AX

38 = LCS Valiant

41 = AG Icon

44 = AM Cartwright

45 = Canvas

46 = Crescent AX

47 = Guardian

50 = CP7017AX



Cherokee Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Kenneth Failes

Extension Educator: Tommy Puffinbarger

27	37	53	31	2	35	23	36	10	12	29	19	14	6	45	15	3	44	11	41	25	18	17	47	5	4	50
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
29	36	44	25	3	23	10	31	4	35	47	45	27	53	50	2	37	5	17	18	6	15	11	12	41	14	19
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
45	47	50	11	14	17	18	19	53	31	36	2	3	41	44	12	25	27	4	10	29	35	37	6	23	5	15
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
2	3	4	5	6	10	11	12	14	15	17	18	19	23	25	27	29	31	35	36	37	41	44	45	47	50	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

Planted: 10/22/2021

Seeding rate: 60 lbs/acre

Tillage: Conventional

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

Soil test information: pH = 6.4, Total N = 35, P = 57, K = 490

Location: ' * ", % ((& z ! - , " * \$ & + \$

Location: 1.5 miles north of Hwy 8 and 11 junction

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2 = Gallagher

3 = Smith's Gold

4 = Iba

5 = Doublestop CL Plus

6 = Strad CL Plus

10 = Showdown

11 = Green Hammer

12 = Baker's Ann

14 = OK Corral

15 = Big Country

17 = Butler's Gold

18 = WB4401

19 = WB4699

23 = Bob Dole

25 = SY Achieve CL2

27 = AP18 AX

29 = KS Western Star

31 = KS Ahearn

35 = LCS Atomic AX

36 = LCS Helix AX

37 = LCS Julep

41 = AG Icon

44 = AM Cartwright

45 = Canvas

47 = Guardian

50 = CP7017AX

53 = OK15MASBx7 ARS 8-29



Chickasha Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU South Central Research Station

Ext. Educator: Alexanderia Minor

39	49	28	19	53	52	27	45	35	42	32	37	38	3	14	29	40	47	30	50	17	51	10	1	13	23	26	24	31	46	36	18	2	34	20	43	48	44	6	41	12	33	5	25	11	21	8	15	22
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	449

46	22	26	24	27	44	50	30	32	31	8	23	43	15	51	17	20	35	2	11	12	40	19	39	10	53	33	45	52	21	49	34	48	28	14	41	1	36	47	38	18	13	42	3	29	37	25	5	6
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

34	39	43	26	18	2	42	38	1	25	47	10	33	44	48	13	41	49	20	36	46	29	8	45	6	5	17	19	22	53	31	30	11	52	51	28	14	27	15	35	40	23	37	50	24	32	12	21	3
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	2	3	5	6	8	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	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	149

Planted: 10/25/2021

Seeding rate: 60 lbs/acre

Tillage: Conventional

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

Soil test information: pH = 6.6, Total soil N = 81, P = 43, K = 377

Location: 35.045466, -97.908593

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

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|------------------------|--------------------|---------------------|----------------------|--------------------|--------------------|--------------------------|
| 1 = Duster | 11 = Green Hammer | 19 = WB4699 | 26 = AP Roadrunner | 33 = LCS Photon AX | 40 = LCS Runner | 47 = Guardian |
| 2 = Gallagher | 12 = Baker's Ann | 20 = WB4792 | 27 = AP18 AX | 34 = LCS Chrome | 41 = AG Icon | 48 = Sunshine |
| 3 = Smith's Gold | 13 = Skydance | 21 = WB4422 | 28 = CP12000452#142 | 35 = LCS Atomic AX | 42 = AG Golden | 49 = Breck |
| 5 = Doublestop CL Plus | 14 = OK Corral | 22 = WB4523 | 29 = KS Western Star | 36 = LCS Helix AX | 43 = AG Radical | 50 = CP7017AX |
| 6 = Strad CL Plus | 15 = Big Country | 23 = Bob Dole | 30 = KS Hamilton | 37 = LCS Julep | 44 = AM Cartwright | 51 = CP72166AX |
| 8 = Uncharted | 17 = Butler's Gold | 24 = AP EverRock | 31 = KS Ahearn | 38 = LCS Valiant | 45 = Canvas | 52 = OK15DMASBx7 ARS 6-8 |
| 10 = Showdown | 18 = WB4401 | 25 = SY Achieve CL2 | 32 = KS13DH0041-35 | 39 = LCS Steel AX | 46 = Crescent AX | 53 = OK15MASBx7 ARS 8-29 |



Chickasha Hard Winter Intensive Wheat Management Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: OSU South Central Research Station

Extension Educator: Alexanderia Minor

37	6	12	46	5	14	43	20	11	38	10	44	3	48	42	49	34	40	13	36	26	25	47	2	50	22	24	21	1	15	8	41	39	29	33	30	45	23	17	35	27	19	51	31	53	52	18	32	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	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449
28	39	17	49	45	35	21	44	29	51	27	19	6	18	53	37	42	11	30	22	32	52	38	34	3	48	33	40	12	36	24	25	5	43	50	2	13	46	26	23	10	8	14	1	47	20	31	41	15
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
35	42	14	18	31	47	25	33	34	1	49	52	8	32	6	5	12	20	3	43	17	39	45	40	10	24	23	13	29	27	41	46	48	51	21	36	53	22	50	30	28	38	11	19	44	15	2	37	26
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	2	3	5	6	8	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	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	149

Planted: 10/25/2021

Seeding rate: 1.2 million seeds/acre

Tillage: Conventional

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

Soil test information: pH = 6.6, Total soil N = 81, P = 43, K = 377

Location: 35.045466, -97.908593

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

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|------------------------|--------------------|---------------------|----------------------|--------------------|--------------------|--------------------------|
| 1 = Duster | 11 = Green Hammer | 19 = WB4699 | 26 = AP Roadrunner | 33 = LCS Photon AX | 40 = LCS Runner | 47 = Guardian |
| 2 = Gallagher | 12 = Baker's Ann | 20 = WB4792 | 27 = AP18 AX | 34 = LCS Chrome | 41 = AG Icon | 48 = Sunshine |
| 3 = Smith's Gold | 13 = Skydance | 21 = WB4422 | 28 = CP12000452#142 | 35 = LCS Atomic AX | 42 = AG Golden | 49 = Breck |
| 5 = Doublestop CL Plus | 14 = OK Corral | 22 = WB4523 | 29 = KS Western Star | 36 = LCS Helix AX | 43 = AG Radical | 50 = CP7017AX |
| 6 = Strad CL Plus | 15 = Big Country | 23 = Bob Dole | 30 = KS Hamilton | 37 = LCS Julep | 44 = AM Cartwright | 51 = CP72166AX |
| 8 = Uncharted | 17 = Butler's Gold | 24 = AP EverRock 25 | 31 = KS Ahearn | 38 = LCS Valiant | 45 = Canvas | 52 = OK15DMASBx7 ARS 6-8 |
| 10 = Showdown | 18 = WB4401 | = SY Achieve CL2 | 32 = KS13DH0041-35 | 39 = LCS Steel AX | 46 = Crescent AX | 53 = OK15MASBx7 ARS 8-29 |



El Reno Hard Winter Wheat Dual-purpose Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jerry Lingo

Extension Educator: Kyle Worthington

35	2	15	8	26	3	10	41	31	44	53	6	46	24	19	33	5	11	14	43	50	34	18
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423

34	44	14	35	19	6	26	18	8	5	46	2	3	43	11	53	50	10	31	24	41	33	15
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323

26	11	19	46	50	41	15	43	10	35	3	44	34	6	5	8	31	33	2	53	14	18	24
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223

2	3	5	6	8	10	11	14	15	18	19	24	26	31	33	34	35	41	43	44	46	50	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123

Location: 35.493713, -97.889756

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

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Planted: 10/6/2021

Seeding rate: 120 lbs/acre

Tillage: Conventional

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

Soil test information: pH = 6, Total soil N = 79, P = 54, K = 437

2 = Gallagher

3 = Smith's Gold

5 = Doublestop CL Plus

6 = Strad CL Plus

8 = Uncharted

10 = Showdown

11 = Green Hammer

14 = OK Corral

15 = Big Country

18 = WB4401

19 = WB4699

24 = AP EverRock

26 = AP Roadrunner

31 = KS Ahearn

33 = LCS Photon AX

34 = LCS Chrome

35 = LCS Atomic AX

41 = AG Icon

43 = AG Radical

44 = AM Cartwright

46 = Crescent AX

50 = CP7017AX

53 = OK15MASBx7 ARS 8-29



El Reno Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jerry Lingo

Extension Educator: Kyle Worthington

43	46	50	19	10	34	8	53	14	5	41	26	18	44	6	31	3	15	35	2	33	11	24
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423

11	35	24	18	33	14	2	44	8	6	10	53	43	46	31	5	34	50	3	15	41	26	19
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323

50	8	26	2	44	41	31	46	19	11	43	33	5	35	53	15	10	6	24	14	3	18	34
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223

2	3	5	6	8	10	11	14	15	18	19	24	26	31	33	34	35	41	43	44	46	50	53
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123

Location: 35.493713, -97.889756

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

N
W ✦ E
S

Planted: 10/26/2021

Seeding rate: 60 lbs/acre

Tillage: Conventional

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

Soil test information: pH = 6, Total soil N = 79, P = 54, K = 437

2 = Gallagher

3 = Smith's Gold

5 = Doublestop CL Plus

6 = Strad CL Plus

8 = Uncharted

10 = Showdown

11 = Green Hammer

14 = OK Corral

15 = Big Country

18 = WB4401

19 = WB4699

24 = AP EverRock

26 = AP Roadrunner

31 = KS Ahearn

33 = LCS Photon AX

34 = LCS Chrome

35 = LCS Atomic AX

41 = AG Icon

43 = AG Radical

44 = AM Cartwright

46 = Crescent AX

50 = CP7017AX

53 = OK15MASBx7 ARS 8-29



Hooker Hard Winter Wheat Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Ernest & Dan Herald

Extension Educator: Dr. Britt Hicks

26	31	35	27	32	1	12	14	21	7	39	48	51	22	40	37	38	41	33	46	20	42	3	36	6	43	49	18	50	30	47	29	45	2	16	44	9	4	10	34
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

10	18	42	9	49	33	50	47	45	38	6	35	31	36	20	32	3	16	26	4	40	2	48	43	12	39	44	34	14	21	30	22	7	41	27	51	29	37	1	46
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

21	48	26	12	35	38	34	37	49	29	43	33	14	42	1	4	41	44	32	36	47	51	18	31	27	9	22	46	7	6	3	45	16	39	10	50	20	30	40	2
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

1	2	3	4	6	7	9	10	12	14	16	18	20	21	22	26	27	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
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

Planted: 10/4/2021

Seeding rate: 60 lb/acre

Tillage: Conventional

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

Soil test information: pH = 6.9, Total soil N = 149, P = 208, K = 635

Location: 36.894355, -101.162645

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



- 1 = Duster
- 2 = Gallagher
- 3 = Smith's Gold
- 4 = Iba
- 6 = Strad CL Plus
- 7 = Bentley
- 9 = Lonerider

- 10 = Showdown
- 12 = Baker's Ann
- 14 = OK Corral
- 16 = Breakthrough
- 18 = WB4401
- 20 = WB4792
- 21 = WB4422

- 22 = WB4523
- 26 = AP Roadrunner
- 27 = AP18 AX
- 29 = KS Western Star
- 30 = KS Hamilton
- 31 = KS Ahearn
- 32 = KS13DH0041-35

- 33 = LCS Photon AX
- 34 = LCS Chrome
- 35 = LCS Atomic AX
- 36 = LCS Helix AX
- 37 = LCS Julep
- 38 = LCS Valiant
- 39 = LCS Steel AX

- 40 = LCS Runner
- 41 = AG Icon
- 42 = AG Golden
- 43 = AG Radical
- 44 = AM Cartwright
- 45 = Canvas
- 46 = Crescent AX

- 47 = Guardian
- 48 = Sunshine
- 49 = Breck
- 50 = CP7017AX
- 51 = CP72166AX



Morris Hard Winter Intensive Wheat Management Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Chris Ledbetter

Extension Educator: Leslie Lewis

54	2	33	23	56	24	55	35	46	14	50	37	44	3	15	18	12	43	41	13	19	31	25	17	8
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

55	50	15	31	43	19	8	14	41	56	12	13	2	17	46	25	23	24	54	35	33	44	3	37	18
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

17	23	19	37	3	35	46	50	24	13	25	33	55	56	18	44	31	2	8	41	43	15	54	14	12
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

2	3	8	12	13	14	15	17	54	18	19	23	24	25	31	33	35	37	41	43	44	46	50	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

Planted: 11/1/2021; 12/2/2021 Butler's Gold LP (late planted)

Location: 35.583450, -95.870877

Seeding rate: 1.2 million seeds/acre

Location: 2 miles South of HWY 62 and 3/4 mile West of HWY 52

Tillage: Conventional

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

Soil test information: pH = 7, Total soil N = 74, P = 42, K = 184

E
N ✦ S
W

2 = Gallagher

14 = OK Corral

23 = Bob Dole

35 = LCS Atomic AX

46 = Crescent AX

3 = Smith's Gold

15 = Big Country

24 = AP EverRock

37 = LCS Julep

50 = CP7017AX

8 = Uncharted

17 = Butler's Gold

25 = SY Achieve CL2

41 = AG Icon

54 = Butler's Gold LP

12 = Baker's Ann

18 = WB4401

31 = KS Ahearn

43 = AG Radical

55 = OK16103083

13 = Skydance

19 = WB4699

33 = LCS Photon AX

44 = AM Cartwright

56 = Spirit Rider



Walters Hard Winter Wheat Dual-purpose Variety Trial 2021-2022

Plant and Soil Sciences

Wheat.okstate.edu

Cooperator: Jimmy Kinder

Extension Educator: Kimbreley Davis

10	52	31	34	14	27	6	29	33	35	43	45	8	20	41	2	11	47	18	5	44	3	26	50
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424

27	35	14	26	29	50	10	52	20	6	11	44	47	33	45	18	8	34	3	31	2	5	41	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

43	18	11	52	2	41	5	45	31	8	34	35	3	50	6	10	33	29	44	14	27	26	20	47
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224

2	3	5	6	8	10	11	14	18	20	26	27	29	31	33	34	35	41	43	44	45	47	50	52
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124

Location: 34.313114, -98.451993

Location: 3 miles south on HWY 277

W
S ✦ N
E

Planted: 10/11/2021

Seeding rate: 120 lbs/acre

Tillage: No-till

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

Soil test information: pH = 6.5, Total soil N = 41, P = 128, K = 485

2 = Gallagher

3 = Smith's Gold

5 = Doublestop CL Plus

6 = Strad CL Plus

8 = Uncharted

10 = Showdown

11 = Green Hammer

14 = OK Corral

18 = WB4401

20 = WB4792

26 = AP Roadrunner

27 = AP18 AX

29 = KS Western Star

31 = KS Ahearn

33 = LCS Photon AX

34 = LCS Chrome

35 = LCS Atomic AX

41 = AG Icon

43 = AG Radical

44 = AM Cartwright

45 = Canvas

47 = Guardian

50 = CP7017AX

52 = OK15DMASBx7 ARS 6-8