2006-07 Variety Performance Trials
Canola Breeding and Genetics
Michael J. Stamm

Procedures:

All trials were managed by the Canola Breeding and Genetics program except where noted. Three replications were planted in six 8-in rows, 30 ft long on 6-ft centers. Yield calculations were based on plot sizes of approximately 6 ft by 25 ft (5 feet of alley) and adjusted to 9% moisture content. Conventional tillage was used and varieties were seeded at a rate of 5 lbs/ac. Table 1 provides a list of agronomic characters observed during the growing season. Opportunistic notes were taken if necessary. The Enid, OK location did not establish because of dry soil at planting. Variety trials at Manhattan, KS, were abandoned due to freeze damage.

The program operates a three-tiered yield trial system which includes the National Winter Canola Variety Trial (NWCVT), the Great Plains Canola Variety Trial (GPCVT), and the Early Generation Screening Nursery (EGSN). The EGSN is the first stage of yield testing and it is planted at three locations. The GPCVT is the second stage and is planted at 12 locations across the southern Great Plains. The NWCVT is planted at 53 locations across the U.S. The trial names are listed behind the location names where they were planted. No EGSN results are included.

Table 1. Agronomic characters observed during the growing season.

Character	Description
Fall Stand	Visual growth rating based on 0 to 10 scale with 0 = no stand and 10 = excellent.
Vigor	Visual rating of fall growth based on 1 to 5 scale with 1 = least vigorous and 5 = most vigorous.
Winter Survival	Visual estimate of percent of plants that have survived the winter. Ratings are taken after danger of further winter loss has passed.
Bloom Date	Date at which 50% of the plants have one or more open flowers. Reported as days after Jan. 1 (i.e., April 1 = 91).
Leaf Burn	Visual rating based on a 1 to 5 scale with 1 = minimal leaf area loss and 5 = maximum leaf area loss due to freeze.
Stem Breakage	Visual estimate of percent of plants broken over due to freeze.
Maturity	Date at which 90% or more of the plants have reached mature color. Reported as days after Jan. 1 (i.e., June 1 = 152).
Height	Average plant height reported in inches.
Lodging	Visual estimate of percent of plants that have lodged.
Shatter	Visual estimate of percent of seeds lost to shattering. Estimate taken immediately prior to harvest.
Seed Moisture	Percent seed moisture taken at the same time as harvest weight.
Test Weight	Pounds per bushel as determined by standard test weight equipment.
Yield	Reported as pounds per acre. All yield estimates are adjusted to 9% moisture content.
Yield % of Mean	Reported as a percent. Calculated by dividing the entry mean by the plot mean and multiplying by 100.

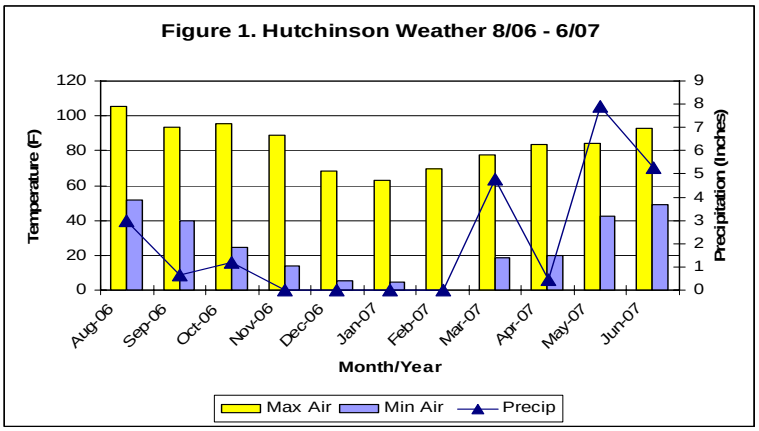
Location Information:

Hutchinson, KS – NWCVT, GPCVT, & EGSN

The Hutchinson location had adequate soil moisture at planting, resulting in slightly above-average emergence. Winter survival averaged nearly 100% for most varieties in a year with low temperatures and minimal snow cover. The trials were treated for army cutworm in February as some moderate feeding on plants was noted. Blooming began about two weeks earlier than normal. Moderate freeze damage was observed in April as temperatures dropped below 20°F for two consecutive nights. Varieties that were blooming at the time sustained the most significant damage. Plants recovered and compensated with additional branching, resulting in maturity differences within the canopy at harvest. Lodging following the freeze was unexpectedly low. Little or no shattering was present prior to harvest. Grain yields at Hutchinson averaged 1441 lbs/ac in the NWCVT, 1530 lbs/ac in the GPCVT, and 1277 lbs/ac in the EGSN.

Table 2. *Hutchinson agronomic information for 2006-07*

Planting Date	9/18/2006
Fall Stands	10/25/2006
Winter Survival	3/19/2007
Harvest Dates	6/25/2007 & 6/26/2007
Fertilizer:	
Fall N	25 lbs
Spring N	75 lbs
P_2O_5	40 lbs

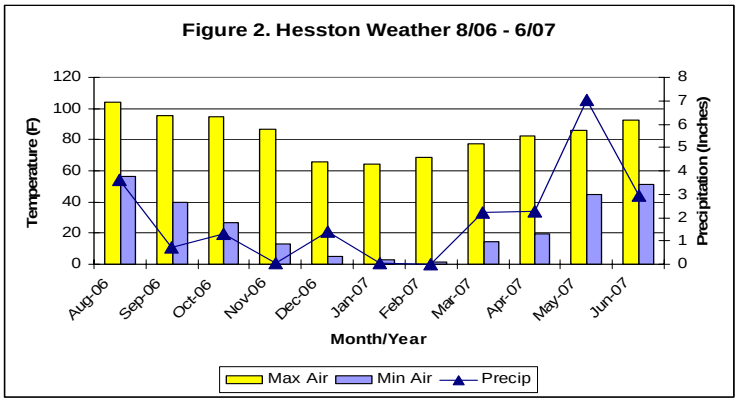


Hesston, KS – NWCVT

The Hesston location had limited soil moisture at planting, resulting in variable emergence. Winter survival ranged from 81 to 100%, with an average survival of 96%. Only slight army cutworm feeding was observed in February. The late spring freeze in April caused moderate damage as temperatures dropped below 20°F for two nights. Varieties that were blooming at the time sustained the most significant damage. Plants recovered and compensated with additional branching, resulting in only slight differences in maturity within the canopy at harvest. Lodging following the freeze was more severe than in Hutchinson, causing the complete loss of some plots. Heights were greatly reduced by the freeze. Minimal shattering was observed prior to harvest. Grain yields at Hesston averaged 703 lb/ac.

Table 3. *Hesston agronomic information for 2006-07*

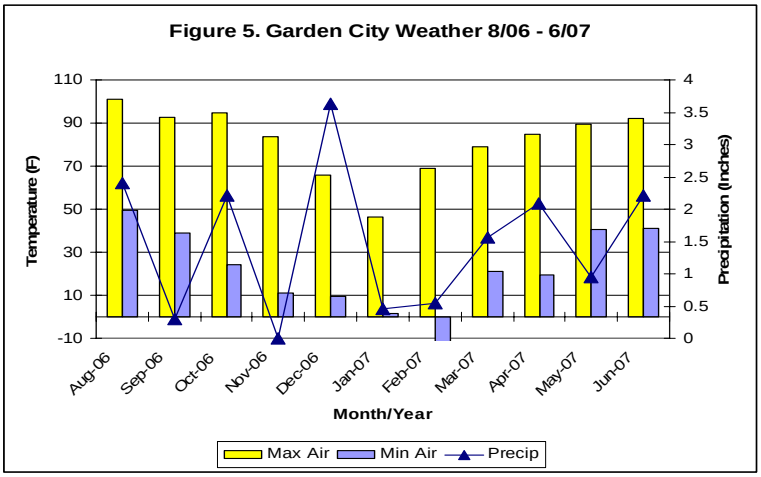
Planting Date:	9/14/2006
Fall Stands:	10/25/2006
Winter Survival:	3/19/2007
Harvest Date:	6/21/2007
Fall N	30 lbs
P_2O_5	30 lbs



Garden City, KS – NWCVT

The Garden City location was managed by John Holman, Southwest Research and Extension Center. Snow cover during the winter months allowed the plants to tolerate very low temperatures. Some varieties lodged severely. Average yield was 2811 lbs/ac.

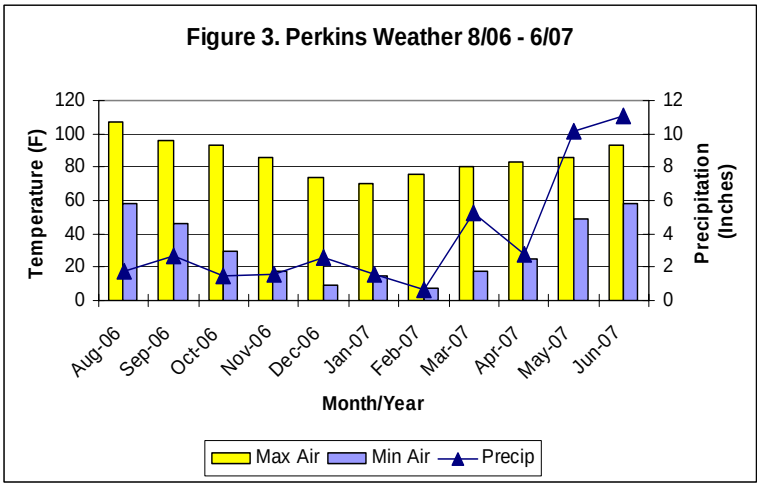
Table 4. *Garden City agronomic information for 2006-07*	
Planting Date	9/12/2006
Harvest Date	6/26/2007
Fertilizer:	
Fall N	140 lbs
Fall S	14 lbs
Irrigation:	
Fall	Profile filled
Planted Area	180 sq ft
Harvested Area	168 sq ft



Perkins, OK – NWCVT

The Perkins location had ideal soil moisture at planting, but some washing in of seed furrows reduced fall stands. Winter survival ranged from 42 to 100%, with an average survival of 93%. Pest pressure was low, with only slight cabbage aphid pressure. Above-normal precipitation in March, May, and June resulted in standing water within the plot. Water damage in several plots contributed to the high CV for yield. Winds in excess of 40 mph prior to harvest caused significant shattering, also reducing yields. Grain yields at Perkins averaged 842 lbs/ac.

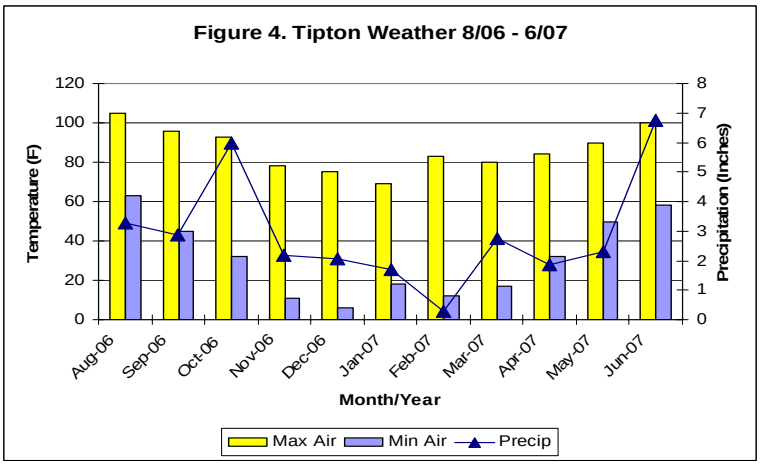
Table 5. *Perkins agronomic information for 2006-07*	
Planting Date	9/26/2006
Fall Stands	10/26/2006
Winter Survival	2/27/2007
Harvest Date	6/7/2007
Fertilizer:	
Fall N	50 lbs
Spring N	50 lbs



Tipton, OK – NWCVT

The Tipton location was managed by Chad Godsey, OSU Plant & Soil Sciences Department. Soil moisture was poor to average at planting. Soil nitrate residual was 44 lbs/ac, so 150 lbs/ac total N was available for the growing crop. Winter survival was excellent, averaging 97%. The average yield at Tipton was 2872 lbs/ac.

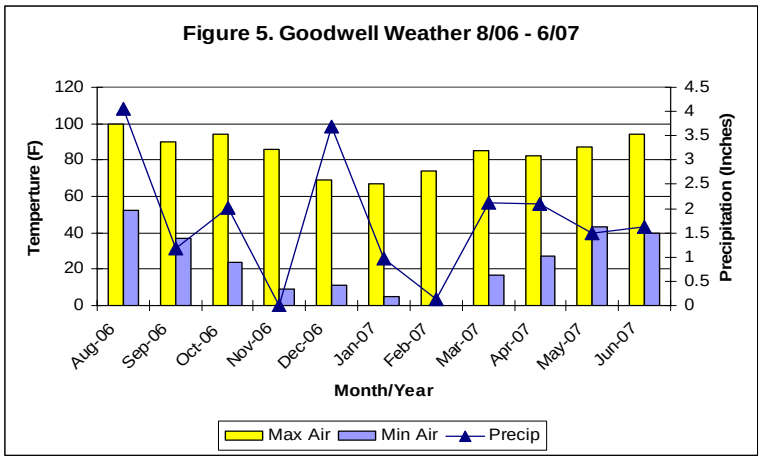
Table 6. *Tipton agronomic information for 2006-07*	
Planting Date	9/27/2006
Fall Stands	11/3/2006
Winter Survival	2/28/2007
Harvest Date	6/5/2007
Fertilizer:	
Fall N	16 lbs
Spring N	90 lbs
Spring S	18 lbs
Harvested area	80 sq ft



Goodwell, OK – NWCVT & GPCVT

The Goodwell location was managed by Rick Kochenower, OSU Panhandle Research and Extension Center. Stands were very good, averaging 92%. Winter survival was excellent, averaging 100%. The average yields at Goodwell were 2914 lbs/ac in the NWCVT and 3051 lbs/ac in the GPCVT.

Table 7. *Goodwell agronomic information for 2006-07*	
Planting Date	9/18/2006
Harvest Date	6/26/2007
Fertilizer:	
Fall N:	50 lbs
Fall P_2O_5	50 lbs
Irrigation:	
Fall	2 inches
Spring	2 inches



Chickasha, OK – NWCVT, GPCVT, & EGSN

The Chickasha location had adequate soil moisture at planting. Crusting reduced fall stands. Winter survival ranged from 36 to 100%, with an average survival of 90%. Of all the trials planted in Oklahoma, this location saw the greatest reduction in stand due to winterkill. Pest pressure was low. Above-normal precipitation in March, May, and June resulted in standing water within the trial. Water damage in several plots contributed to the high CV for yield. Winds in excess of 40 mph prior to harvest caused significant shattering, also reducing yields. Grain yields in the NWCVT averaged 448 lb/ac, the GPCVT averaged 514 lbs/ac, and the EGSN averaged 470 lbs/ac. View the OSU Winter Canola Variety Test Report for Chickasha weather information.

Table 8. *Chickasha agronomic information for 2006-07*	
Planting Date	9/25/2006
Fall Stands	10/26/2006
Winter Survival	2/27/2007
Harvest Date	6/13/2007
Fertilizer:	
Fall N	92 lbs
Spring N	30 lbs
Spring S	10 lbs

Lahoma, OK – NWCVT & GPCVT

Soil moisture was less than optimum at planting for the Lahoma location, however late emergence improved stands following rainfall. Winter survival was excellent with virtually no stand loss. Moderate diamondback moth activity was observed on 12/14/2007, but plant health remained unaffected. Only slight effects of the freeze were visible, including bent stems and pod abortion. Grain yields at Lahoma averaged 1238 lbs/ac in the NWCVT and 1366 lbs/ac in the GPCVT. View the OSU Winter Canola Variety Test Report for Lahoma weather information.

Table 9. *Lahoma agronomic information for 2006-07*	
Planting Date	9/19/2006
Fall Stands	10/26/2006
Winter Survival	2/28/2007
Harvest Dates	6/8/2007 & 6/12/2007
Fertilizer:	
Fall N	40 lbs
Spring N	80 lbs

Results:

Table 10. Mean yields from locations severely affected by weather

			Mean Yield	Yield Range	Yield CV
Location	**State**	**Trial**	***(lbs/ac)***	***(lbs/ac)***	***(%)***
Hesston	KS	NWCVT	703	149 to 1617	33.6
Chickasha	OK	NWCVT	448	0 to 1192	53.9
Chickasha	OK	GPCVT	514	38 to 1152	40.5
Chickasha	OK	ESGN	470	16 to 1101	49.1
Perkins	OK	NWCVT	841	50 to 1587	33.6

Table 11. Hutchinson NWCVT prelinary data for 2006-07

Entry	Fall Stand	Vigor	Winter Survival	Leaf Burn	Stem Breakage	Height	Lodging	Shatter	Moisture	Test Weight	Yield	Yield
	(0-10)	*(1-5)*	*(%)*	*(1-5)*	*(%)*	*(inches)*	*(%)*	*(%)*	*(%)*	*(lbs/bu)*	*(lbs/ac)*	*(% of Mean)*
Kadore	5.3	2.7	99	1.0	5.0	40	0	0.0	11.1	51.2	2432	171
KS3254	6.7	3.3	100	1.7	15.0	47	0	0.3	12.8	47.5	2201	155
KS3077	5.0	2.7	99	2.3	11.7	44	0	0.0	11.8	51.4	2040	144
Ceres	7.7	4.3	98	1.7	6.7	41	0	0.0	11.5	50.4	2014	142
KS3074	6.0	3.0	100	3.7	20.0	44	2	0.0	11.0	51.7	1866	131
Jetton	4.3	3.7	95	3.7	15.0	38	2	0.3	13.4	50.2	1797	127
KS9135	6.3	4.3	100	1.7	8.3	47	5	0.0	11.2	45.1	1797	127
Falstaff	5.7	2.7	100	3.0	11.7	43	0	0.3	12.8	49.7	1786	126
Wichita	6.3	3.0	100	2.3	15.0	43	0	0.0	10.9	51.5	1723	121
KS4022	6.7	2.7	100	3.0	11.7	43	2	0.0	13.1	48.7	1703	120
Plainsman	3.7	3.0	100	3.0	10.0	47	0	0.0	12.2	49.1	1674	118
KS3132	5.7	3.3	100	3.0	6.7	45	0	0.7	11.6	50.2	1630	115
ARC97019	3.7	2.7	100	3.0	23.3	46	2	0.0	13.9	50.6	1599	113
NPZ0404	5.7	3.7	100	3.7	33.3	39	0	0.3	12.0	50.3	1578	111
KS7436	6.7	4.7	100	3.0	18.3	43	5	0.0	13.4	51.5	1576	111
Kronos	5.0	4.3	99	3.0	26.7	42	5	0.3	13.3	51.7	1568	111
KS3018	6.7	3.7	100	3.0	25.0	45	0	0.0	11.6	51.0	1547	109
ARC97018	3.3	3.0	100	3.0	40.0	45	2	0.0	14.4	47.2	1530	108
KS3302	6.0	3.0	100	1.7	18.3	40	2	0.3	11.6	51.0	1527	108
ARC2180-1	2.7	3.0	100	3.0	21.7	44	0	0.0	15.6	46.1	1509	106
EXP3269	7.0	3.0	100	3.0	15.0	43	3	0.3	13.1	50.1	1488	105
X01W692C	5.7	4.0	99	3.0	25.0	37	7	0.0	11.9	50.0	1482	104
TCI.06.M1	5.3	3.7	99	3.0	8.3	41	3	0.0	12.5	46.7	1469	104
DSV05101	7.3	4.0	100	3.0	25.0	41	8	0.3	12.0	48.6	1441	102
DSV05102	6.0	5.0	99	3.7	43.3	44	4	0.0	11.5	51.1	1435	101
Baldur	5.0	4.7	100	4.3	76.7	41	2	0.0	13.8	51.0	1434	101
KS4085	7.3	4.0	100	2.3	21.7	42	5	0.0	11.8	50.9	1426	100
Ovation	6.7	3.3	93	3.0	0.0	42	3	0.0	12.1	51.5	1423	100
Abilene	4.3	2.3	100	3.0	6.7	39	0	0.0	11.7	47.6	1423	100
DKW13-62	7.7	3.7	93	3.0	0.0	43	0	0.0	12.0	49.3	1420	100
Taurus	6.3	3.7	100	3.7	46.7	41	1	0.3	12.8	49.9	1411	99
Kalif	7.0	3.3	94	3.7	3.3	34	0	0.0	11.9	49.4	1399	99
ARC98007	3.0	3.0	100	3.0	13.3	45	5	0.0	12.6	49.4	1379	97
SLM0402	5.7	4.0	100	4.3	40.0	37	7	0.7	11.9	49.0	1373	97
Sumner	4.7	2.7	100	3.0	13.3	41	0	0.3	11.4	51.8	1344	95
DSV05100	5.7	4.0	100	3.7	60.0	41	17	0.0	11.8	46.5	1338	94
MH 604001	5.0	3.3	100	3.7	25.0	41	5	0.3	12.3	50.5	1337	94
X02W534C	6.0	3.7	97	3.7	51.7	35	3	0.0	11.3	50.2	1333	94
X01W522C	7.0	4.3	98	3.7	36.7	37	4	0.0	13.8	49.1	1315	93
DSV06200	5.7	4.7	99	5.0	48.3	40	5	0.0	11.6	52.1	1288	91
DSV06202	5.0	3.7	100	4.3	31.7	36	0	0.3	12.6	51.6	1286	91
Gospel	7.0	4.0	94	3.0	15.0	40	5	0.3	13.1	50.8	1278	90
NPZ0391RR	4.7	3.0	98	2.3	10.0	47	7	0.0	14.8	49.0	1277	90
Virginia	2.7	3.0	95	3.0	3.3	40	0	0.0	16.5	43.5	1246	88
Rasmus	4.7	3.0	100	5.0	45.0	38	4	0.7	13.6	47.7	1245	88
DSV06201	5.7	3.7	99	3.7	40.0	43	4	0.0	12.5	50.7	1216	86
Viking	4.0	2.7	98	3.0	6.7	35	0	0.0	14.7	48.9	1166	82
ARC98015	3.7	3.0	100	3.0	18.3	43	4	0.0	14.9	47.4	1166	82
Satori	6.3	3.3	97	3.0	18.3	37	2	0.7	12.2	50.8	1156	81
TCI.06.M4	6.7	4.0	100	4.3	85.0	34	12	1.7	11.6	52.5	1148	81
Trabant	6.7	4.0	100	3.0	36.7	37	5	0.3	13.5	50.6	1147	81
DKW13-86	7.7	3.3	99	4.3	18.3	37	15	0.3	12.5	48.7	1143	81
NPZ0591RR	6.3	3.3	99	3.7	26.7	41	5	0.3	12.3	51.0	1107	78
Baros	5.3	2.7	100	3.0	53.3	34	27	0.7	12.3	50.5	987	70
Hybristar	6.3	4.7	94	3.7	58.3	37	22	0.0	12.5	51.7	951	67
TCI.06.M2	6.7	3.7	96	3.7	65.0	40	23	0.0	12.3	51.3	623	44
TCI.06.M3	4.3	3.0	95	4.3	60.0	34	20	0.0	16.2	47.7	598	42
Mean	5.6	3.5	99	3.2	26.2	41	5	0.2	12.6	49.7	1441	102
CV	23.3	19.8	3	25.1	64.4	5	195	282	14.1	5.4	16	16
LSD (0.05)	2.1	1.1	5	1.3	27.3	3	NS	NS	2.9	NS	427	30

Table 12. Hutchinson GPCVT preliminary data for 2006-07

Entry	Stand	Winter Survival	Height	Lodging	Shatter	Moisture	Test Weight	Yield	Yield
	(0-10)	*(%)*	*(Inches)*	*(%)*	*(%)*	*(%)*	*(lbs/bu)*	*(lbs/ac)*	*(% of Mean)*
KS4192	6.3	100	47	0.3	0.3	8.3	52.1	1914	126
KS4125	5.7	100	48	0.0	1.0	9.0	52.2	1835	121
KS4070	5.7	100	50	0.7	0.3	9.9	51.8	1824	120
KS4193	6.3	100	44	0.0	0.0	8.2	52.3	1761	116
KS4198	6.7	100	46	2.0	0.0	8.7	52.4	1721	113
KS4171	5.0	100	47	0.0	0.0	10.2	51.5	1717	113
KS4138	6.0	100	39	2.3	0.0	9.8	51.3	1691	111
KS4024	7.3	100	44	0.0	0.0	8.8	51.7	1684	111
KS4132	6.0	100	47	0.3	0.3	9.4	52.2	1682	111
KS4124	6.3	100	45	0.3	0.0	9.0	52.3	1678	110
KS4313	6.0	100	49	0.0	0.0	9.8	51.6	1675	110
KS4106	6.3	100	44	2.0	0.0	9.1	52.3	1667	110
KS4112	6.3	100	46	0.3	0.0	8.4	52.7	1659	109
KS4158	6.7	100	41	0.3	0.0	8.2	51.8	1647	108
KS4127	6.3	100	45	1.7	0.3	8.3	52.7	1641	108
Plainsman	3.7	100	47	1.7	0.0	9.2	51.3	1606	106
KS4120	5.7	100	44	0.3	0.0	9.4	52.3	1600	105
Jetton	6.3	99	39	0.0	0.0	10.1	50.8	1589	104
KS4031	7.0	100	43	1.7	0.0	8.2	51.8	1587	104
KS4038	6.3	100	42	2.0	0.0	8.3	51.5	1573	103
KS4151	6.3	100	45	0.3	0.3	10.9	51.7	1546	102
KS4018	6.0	100	44	2.3	0.3	8.7	52.4	1517	100
KS4033	6.3	100	40	5.0	0.7	7.9	51.6	1517	100
KS4143	5.3	100	46	0.0	0.0	9.3	51.1	1514	100
KS4320	7.3	100	41	3.3	0.0	8.4	52.4	1512	99
KS4035	5.7	100	41	1.7	0.0	7.7	51.6	1510	99
KS4280	7.3	100	44	1.7	0.0	8.9	51.6	1507	99
KS4323	5.7	100	42	0.7	0.0	8.3	52.1	1478	97
KS4191	6.0	100	41	3.7	0.3	8.5	52.3	1471	97
Wichita	5.3	100	43	3.3	0.0	8.3	52.3	1470	97
KS4122	6.7	100	43	5.0	0.0	9.9	52.4	1455	96
KS4083	4.7	100	45	0.0	0.7	9.7	50.9	1418	93
KS4134	6.3	100	43	5.3	0.0	8.3	52.3	1414	93
KS4040	5.3	100	43	1.0	0.0	7.7	51.3	1398	92
KS4036	5.3	100	42	5.0	0.0	8.3	51.3	1360	89
KS4155	5.7	100	39	3.7	0.0	10.4	51.4	1352	89
KS4183	7.7	100	44	0.3	0.7	8.6	51.8	1332	88
KS4061	6.3	100	45	2.0	0.0	10.2	52.0	1272	84
KS4145	6.0	100	40	3.7	0.7	9.5	51.6	1238	81
KS4023	6.3	100	39	2.0	0.0	9.6	51.4	1164	77
KS4082	7.3	100	39	12.0	0.0	9.2	51.9	1140	75
DKW13-86	7.3	95	40	15.0	0.0	9.1	52.1	914	60
Mean	6.2	100	44	2.2	0.1	9.0	51.9	1530	101
CV	16.3	0	4	140.0	207.0	6.2	0.5	10	10
LSD (0.05)	1.6	0	3	5.0	0.5	0.9	0.4	268	17

Table 13. Garden City NWCVT preliminary data for 2006-07									
Entry	**Fall Stand**	**Winter Survival**	**Lodging**	**Shatter**	**Moisture**	**Test Weight**	**Yield**	**Yield**	**Yield**
	(0-10)	***(%)***	***(%)***	***(%)***	***(%)***	***(lbs/bu)***	***(lbs/ac)***	***(bu/ac)***	***(% of Mean)***
Baldur	8.6	91	0.0	5.0	10.5	52.2	3651	73.0	130
Taurus	8.5	85	0.0	8.3	10.5	48.8	3533	70.7	126
TCI.06.M4	8.5	88	1.7	6.7	11.4	50.8	3418	68.4	122
X01W522C	8.9	86	3.3	6.7	12.0	48.1	3377	67.5	120
Viking	8.6	86	0.0	5.0	10.4	50.5	3285	65.7	117
Jetton	8.7	93	3.3	5.0	10.7	51.3	3265	65.3	116
ARC2180-1	7.8	96	1.7	5.0	11.0	50.5	3214	64.3	114
DSV06202	8.7	86	10.0	6.7	11.3	49.5	3191	63.8	114
ARC97019	7.8	88	13.3	5.0	12.1	49.0	3177	63.5	113
SLM0402	8.9	93	0.0	5.0	10.4	50.7	3166	63.3	113
NPZ0391RR	8.8	76	1.7	5.0	11.5	51.9	3162	63.2	112
KS3302	8.2	100	6.7	6.7	10.2	51.1	3155	63.1	112
NPZ0591RR	8.9	91	5.0	5.0	11.0	52.1	3140	62.8	112
X02W534C	8.7	93	1.7	5.0	11.1	51.2	3124	62.5	111
NPZ0404	8.2	100	0.0	8.3	11.0	51.2	3124	62.5	111
06UIWC.4	8.4	100	0.0	6.7	11.9	46.7	3093	61.9	110
MH 604001	9.0	78	0.0	6.7	11.0	49.2	3014	60.3	107
KS3018	8.1	83	3.3	6.7	10.8	48.1	3007	60.1	107
ARC97018	8.3	89	5.0	6.7	11.5	48.2	3000	60.0	107
Hybristar	8.5	89	3.3	5.0	10.6	52.1	2994	59.9	107
KS4085	8.4	100	30.0	5.0	11.6	51.3	2985	59.7	106
Ceres	8.3	95	1.7	16.7	11.1	49.3	2983	59.7	106
Falstaff	8.7	100	8.3	5.0	11.0	49.3	2960	59.2	105
Virginia	8.4	100	0.0	5.0	10.8	45.8	2954	59.1	105
Abilene	8.4	94	5.0	8.3	10.3	52.1	2947	58.9	105
Rasmus	8.3	90	0.0	6.7	10.9	51.1	2943	58.9	105
DKW13-62	8.5	88	16.7	5.0	10.7	50.5	2940	58.8	105
X01W692C	9.0	85	0.0	5.0	11.8	50.9	2913	58.3	104
Sumner	8.1	100	5.0	8.3	9.7	44.5	2912	58.2	104
KS3132	8.5	90	25.0	8.3	10.8	49.9	2893	57.9	103
Kronos	8.7	93	21.7	5.0	12.9	47.4	2887	57.7	103
DSV06200	8.3	100	0.0	5.0	11.3	50.4	2885	57.7	103
TCI.06.M2	8.8	82	20.0	5.0	9.8	49.7	2880	57.6	102
Kalif	8.9	68	1.7	6.7	10.4	50.8	2877	57.5	102
KS9135	8.7	100	26.7	6.7	12.4	51.3	2852	57.0	101
KS7436	8.1	93	51.7	5.0	12.3	48.6	2836	56.7	101
Satori	8.3	71	0.0	8.3	10.9	51.2	2762	55.2	98
TCI.06.M1	8.9	93	6.7	5.0	10.6	48.9	2740	54.8	98
Wichita	8.7	90	26.7	6.7	10.9	49.7	2725	54.5	97
Gospel	8.7	61	0.0	6.7	12.2	51.0	2717	54.3	97
ARC98015	8.0	96	10.0	5.0	13.2	48.8	2698	54.0	96
DSV06201	9.0	85	11.7	5.0	11.2	48.1	2686	53.7	96
EXP3269	8.3	94	10.0	6.7	10.1	51.6	2683	53.7	95
06UIWC.1	8.4	100	6.7	5.0	10.8	50.9	2680	53.6	95
DSV05102	8.4	100	15.0	3.3	11.2	47.6	2621	52.4	93
Trabant	9.1	93	1.7	11.7	10.4	50.8	2608	52.2	93
06UIWC.5	8.3	96	25.0	5.0	12.4	49.7	2596	51.9	92
DKW13-86	8.2	84	16.7	5.0	10.7	48.1	2584	51.7	92
TCI.06.M3	8.2	100	0.0	5.0	12.9	48.6	2547	50.9	91
ARC98007	8.4	90	20.0	5.0	12.1	51.5	2524	50.5	90
06UIWH.3	8.1	93	15.0	5.0	11.8	50.7	2503	50.1	89
KS3077	8.4	93	38.3	5.0	10.6	49.3	2492	49.8	89
06UIWC.2	8.3	100	3.3	5.0	12.1	49.1	2488	49.8	89
DSV05101	9.0	94	6.7	5.0	11.8	49.2	2482	49.6	88
Ovation	8.8	76	5.0	5.0	11.8	50.9	2480	49.6	88
KS4022	8.5	96	46.7	5.0	11.6	48.7	2466	49.3	88
DSV05100	8.7	87	46.7	5.0	11.6	49.6	2446	48.9	87
Kadore	8.7	82	16.7	7.6	12.1	50.3	2432	48.6	87
Baros	8.4	91	1.7	8.3	10.6	50.9	2322	46.4	83
KS3254	8.6	86	40.0	5.0	12.8	48.7	2104	42.1	75
Plainsman	8.7	91	71.7	5.1	11.0	47.3	2065	41.3	73
06UIWH.5	8.4	94	36.7	5.0	12.9	50.6	2003	40.1	71
KS3074	8.5	82	36.7	6.7	10.8	49.1	1990	39.8	71
06UIWH.1	8.0	100	60.0	5.0	14.3	48.2	1774	35.5	63
Mean	8.5	91	13.0	6.1	11.3	49.8	2811	56.2	100
CV	4.8	5	116.9	45.0	7.9	5.5	17	17.0	17
LSD (0.05)	0.7	16	25.8	4.6	1.5	NS	851	17.0	30

Table 14. Tipton NWCVT preliminary data for 2006-07

Entry	Fall Stands	Winter Survival	Height	Lodging	Shatter	Moisture	Test Weight	Yield	Yield
	(0-10)	*(%)*	*(Inches)*	*(%)*	*(%)*	*(%)*	*(lbs/bu)*	*(lbs/ac)*	(% of Mean)
DSV06200	6.7	97	65	0	5	7.2	49.7	4272	149
X01W522C	7.0	93	55	0	5	8.8	50.0	3673	128
DSV06201	6.7	97	51	0	5	7.8	49.9	3632	126
DSV05101	8.7	90	50	0	5	9.9	47.7	3521	123
NPZ0404	7.0	98	55	0	5	7.4	51.0	3413	119
X01W692C	7.3	98	55	0	10	8.1	49.4	3335	116
DSV05100	7.0	95	55	0	5	7.9	49.9	3331	116
SLM0402	7.0	97	50	0	5	7.5	50.5	3298	115
MH 604001	6.7	97	55	0	5	7.3	51.1	3288	114
Hybristar	9.3	95	55	10	5	8.3	45.5	3275	114
KS3132	7.0	95	55	0	5	7.7	49.8	3263	114
TCI.06.M1	8.3	100	60	10	5	7.8	51.5	3256	113
Viking	6.0	100	55	0	5	8.7	48.4	3218	112
KS7436	8.3	97	50	0	5	8.2	49.2	3212	112
DSV05102	7.0	100	55	0	5	7.9	50.8	3202	111
KS3302	8.0	97	60	0	10	7.4	50.1	3176	111
KS3074	5.7	98	60	0	5	7.4	48.6	3070	107
KS4085	8.3	100	65	0	10	7.3	47.2	3045	106
KS9135	7.0	95	49	0	10	7.4	47.8	3043	106
Sumner	6.7	100	60	0	5	7.7	50.5	3025	105
Ceres	7.0	93	60	0	5	8.4	51.1	3009	105
Gospel	7.3	95	60	0	5	9.5	49.2	3002	105
KS4022	7.0	93	55	0	5	8.6	48.0	2909	101
DSV06202	7.0	100	55	0	10	8.2	49.4	2872	100
EXP3269	7.3	98	55	0	5	7.6	50.4	2872	100
NPZ0391RR	7.0	98	60	0	5	8.5	48.2	2855	99
Baros	4.7	95	60	10	13	7.6	49.8	2846	99
ARC97019	7.7	100	60	0	10	7.5	48.9	2841	99
Falstaff	7.0	97	55	0	5	8.8	49.8	2823	98
Abilene	6.0	98	53	0	8	7.8	48.1	2790	97
TCI.06.M4	6.7	98	65	0	5	8.2	47.4	2788	97
Ovation	8.3	95	60	0	5	8.3	48.3	2779	97
Rasmus	6.3	97	60	10	5	9.7	45.8	2771	97
Satori	7.3	97	55	0	5	7.7	48.5	2763	96
Virginia	6.7	93	55	0	5	8.5	49.1	2738	95
Kadore	7.3	98	60	0	5	8.5	50.2	2737	95
Taurus	8.0	97	58	0	15	8.2	47.5	2734	95
KS3254	7.3	95	65	0	5	8.2	48.8	2725	95
KS3077	6.3	93	65	10	15	7.4	50.0	2709	94
ARC2180-1	3.0	100	65	0	3	9.9	48.3	2697	94
ARC98007	7.0	100	50	0	5	8.0	49.9	2661	93
KS3018	7.7	97	59	0	5	7.6	50.7	2598	90
X02W534C	7.0	98	65	0	5	7.3	51.2	2577	90
NPZ0591RR	8.0	98	65	0	5	7.6	50.6	2572	90
Kalif	7.7	95	55	0	5	9.1	46.6	2561	89
Jetton	8.0	100	60	0	5	9.0	46.8	2531	88
Kronos	7.3	100	55	0	10	7.7	50.2	2521	88
ARC98015	6.0	97	50	0	5	10.1	45.5	2519	88
TCI.06.M3	6.7	100	40	0	10	9.6	50.9	2492	87
Wichita	5.7	92	55	0	10	7.4	50.0	2463	86
DKW13-86	8.0	98	54	0	10	7.2	45.6	2451	85
ARC97018	6.0	100	55	10	10	8.6	48.3	2308	80
Baldur	6.7	98	60	28	5	9.8	48.6	2264	79
Trabant	6.7	97	60	0	5	9.6	48.9	2011	70
Plainsman	7.3	97	65	10	10	8.2	46.4	1973	69
TCI.06.M2	7.0	90	60	0	0	8.0	46.8	1823	63
DKW13-62	7.7	92	60	20	15	7.7	48.6	1801	63
Mean	7.0	97	57	2	7	8.2	48.9	2872	100
CV	18.9	5	2	23	19	15.4	5.5	17	17
LSD (0.05)	2.2	NS	3	1	3	NS	NS	921	31

Table 15. Lahoma NWCVT preliminary data for 2006-07								
Entry	**Fall Stands**	**Height**	**Shatter**	**Moisture**	**Test Weight**	**Yield**	**Yield**	**Yield**
	(0-10)	***(Inches)***	***(%)***	***(%)***	***(lbs/bu)***	***(lbs/ac)***	***(bu/ac)***	***(% of Mean)***
SLM0402	6.3	48	0.0	10.1	48.2	1774	35.5	143
TCI.06.M1	6.3	49	3.3	8.1	48.3	1630	32.6	132
Baldur	6.7	48	2.0	9.1	48.7	1503	30.1	121
ARC98007	3.7	53	5.7	10.0	48.5	1502	30.0	121
Viking	6.7	45	3.7	9.0	50.9	1495	29.9	121
KS3077	7.0	51	1.7	8.2	47.7	1487	29.7	120
MH 604001	6.3	47	7.7	8.8	45.3	1462	29.2	118
NPZ0591RR	6.3	49	2.7	8.3	46.1	1457	29.1	118
Abilene	6.0	49	13.3	8.3	49.5	1447	28.9	117
KS3074	7.0	51	5.7	7.9	49.6	1436	28.7	116
KS9135	7.0	51	1.7	8.3	48.1	1436	28.7	116
DSV05102	7.0	51	0.3	10.4	48.3	1383	27.7	112
Kronos	8.0	51	1.7	9.6	45.3	1375	27.5	111
NPZ0391RR	5.7	50	0.3	8.5	45.6	1368	27.4	111
X01W522C	7.3	47	1.3	7.8	46.6	1360	27.2	110
NPZ0404	7.0	46	8.3	8.6	48.3	1353	27.1	109
ARC97019	4.0	51	2.0	9.6	46.8	1342	26.8	108
DSV06200	8.0	49	0.0	9.1	47.3	1329	26.6	107
Wichita	7.7	47	5.3	8.0	49.6	1327	26.5	107
DKW13-86	7.3	46	2.3	8.2	48.5	1321	26.4	107
X01W692C	6.3	48	3.0	8.6	47.0	1313	26.3	106
KS4085	7.3	51	2.3	7.1	47.5	1301	26.0	105
Ceres	6.7	46	3.0	9.3	47.2	1295	25.9	105
Trabant	7.3	46	3.7	8.9	46.4	1291	25.8	104
X02W534C	7.3	44	1.3	7.4	49.4	1287	25.7	104
ARC97018	4.3	51	1.3	8.8	47.3	1282	25.6	104
DSV06202	6.0	47	1.3	7.6	47.4	1281	25.6	104
ARC98015	5.3	55	2.7	10.2	46.0	1280	25.6	103
Virginia	5.7	46	0.0	10.8	46.9	1273	25.5	103
TCI.06.M2	7.7	47	0.7	9.0	48.8	1267	25.3	102
Kadore	5.7	43	1.0	9.4	46.1	1259	25.2	102
Sumner	6.7	44	8.3	7.4	50.9	1254	25.1	101
KS7436	7.3	47	2.0	7.6	46.6	1247	24.9	101
ARC2180-1	5.3	54	3.0	9.3	46.2	1238	24.8	100
KS3254	7.0	51	2.0	8.2	45.3	1219	24.4	98
DSV05100	7.0	51	0.0	8.3	45.1	1204	24.1	97
Taurus	7.0	48	1.0	9.5	43.5	1186	23.7	96
Falstaff	7.7	46	0.3	8.7	46.4	1180	23.6	95
Jetton	6.7	47	1.3	7.6	43.9	1169	23.4	94
Rasmus	5.7	48	1.3	8.9	44.5	1142	22.8	92
Hybristar	7.3	47	1.3	7.2	45.8	1140	22.8	92
Satori	7.0	43	0.7	7.2	46.9	1125	22.5	91
KS3302	5.3	49	3.3	7.3	48.6	1110	22.2	90
EXP3269	5.7	48	3.0	7.3	48.0	1108	22.2	90
DSV06201	7.0	51	0.0	8.0	44.2	1065	21.3	86
TCI.06.M4	6.3	47	1.0	8.5	45.4	1054	21.1	85
KS3018	5.7	50	20.0	7.6	49.2	1039	20.8	84
Baros	6.3	46	1.7	8.5	47.5	1032	20.6	83
KS3132	6.7	47	4.0	8.8	48.6	1028	20.6	83
Kalif	7.3	43	0.7	7.6	46.8	1011	20.2	82
Ovation	7.3	47	0.0	9.5	47.4	1002	20.0	81
DKW13-62	8.7	47	4.7	8.6	46.2	981	19.6	79
KS4022	6.3	49	4.0	7.8	47.3	966	19.3	78
Gospel	7.3	43	1.3	8.0	47.0	901	18.0	73
TCI.06.M3	6.3	44	1.7	7.2	47.5	818	16.4	66
Plainsman	5.3	53	5.7	7.5	44.3	724	14.5	58
DSV05101	7.3	49	0.0	7.3	45.1	683	13.7	55
Mean	6.6	48	2.8	8.5	47.1	1238	24.8	100
CV	15.6	4	114.8	17.9	6.5	10	10.4	10
LSD (0.05)	1.7	3	5.3	2.5	4.9	208	4.2	17

Table 16. Lahoma GPCVT preliminary data for 2006-07

Entry	Fall Stand	Height	Shatter	Test Weight	Yield	Yield	Yield
	(0-10)	*(%)*	*(%)*	*(lbs/bu)*	*(lbs/ac)*	*(bu/ac)*	*(% of Mean)*
KS4158	6.0	48	2.7	50.1	1644	32.9	120
Jetton	7.0	49	5.3	49.5	1618	32.4	118
KS4280	7.3	50	4.3	48.0	1616	32.3	118
DKW13-86	8.0	46	1.3	51.2	1553	31.1	114
KS4070	7.3	53	2.7	50.1	1548	31.0	113
Wichita	7.7	46	7.3	50.2	1527	30.5	112
KS4313	6.3	51	5.7	49.6	1510	30.2	111
KS4120	7.7	51	2.3	50.9	1496	29.9	109
KS4035	7.3	47	1.0	48.7	1485	29.7	109
KS4082	7.7	49	5.7	51.3	1484	29.7	109
KS4083	7.3	52	3.3	49.4	1481	29.6	108
KS4038	7.3	47	2.7	50.0	1469	29.4	108
KS4040	8.0	50	3.0	48.5	1467	29.3	107
KS4323	6.7	48	15.0	50.8	1458	29.2	107
KS4134	6.7	49	12.3	52.2	1446	28.9	106
KS4124	7.0	51	1.7	50.1	1440	28.8	105
KS4033	7.0	47	1.3	48.0	1435	28.7	105
KS4127	6.7	51	2.0	49.5	1421	28.4	104
KS4125	6.3	52	4.7	50.8	1418	28.4	104
KS4171	8.7	50	6.7	50.7	1407	28.1	103
KS4155	6.7	47	4.3	50.5	1402	28.0	103
KS4138	7.0	47	15.0	49.2	1388	27.8	102
KS4031	6.0	51	4.0	51.3	1383	27.7	101
KS4018	8.3	49	5.7	50.2	1383	27.7	101
KS4036	7.7	47	4.0	49.8	1366	27.3	100
KS4151	5.0	52	1.3	49.7	1331	26.6	97
KS4191	6.7	47	9.0	48.9	1325	26.5	97
KS4192	6.3	51	3.0	50.2	1303	26.1	95
KS4106	8.0	50	3.3	48.1	1293	25.9	95
KS4024	7.3	48	5.3	49.7	1287	25.7	94
KS4320	6.7	50	18.3	51.2	1286	25.7	94
KS4112	6.7	49	5.7	51.2	1285	25.7	94
KS4198	7.7	51	5.7	49.8	1277	25.5	93
KS4143	7.3	53	4.7	49.0	1265	25.3	93
KS4023	6.3	47	2.0	48.7	1236	24.7	90
KS4183	6.3	51	3.7	49.5	1194	23.9	87
KS4122	7.7	49	10.0	51.4	1171	23.4	86
KS4193	7.0	48	6.7	48.8	1160	23.2	85
KS4132	6.0	50	11.7	48.6	1055	21.1	77
KS4145	6.0	53	21.7	48.1	1043	20.9	76
Plainsman	4.3	53	8.3	51.3	1002	20.0	73
KS4061	7.0	52	7.7	51.2	971	19.4	71
Mean	6.9	50	6.0	49.9	1366	27.3	100
CV	12.1	4	78.7	4.2	9	9.1	9
LSD (0.05)	1.4	3	7.8	NS	216	4.3	16

Table 17. Goodwell, OK NWCVT preliminary data for 2006-07								
Entry	**Fall Stand**	**Height**	**Lodging**	**Shatter**	**Moisture**	**Test Weight**	**Yield**	**Yield**
	(%)	***(Inches)***	***(%)***	***(%)***	***(%)***	***(lbs/bu)***	***(lbs/ac)***	***(% of Mean)***
DSV06200	8.7	49	6.7	0.0	7.4	51.1	3808	131
DSV05100	9.3	56	20.0	3.3	7.4	51.4	3709	127
SLM0402	9.0	49	0.0	1.7	7.6	51.1	3558	122
DSV05102	10.0	54	0.0	0.0	7.6	51.7	3377	116
Kronos	9.3	57	0.0	6.7	7.8	52.2	3367	116
DSV06202	8.0	46	0.0	1.7	7.9	51.3	3366	116
X01W692C	8.7	47	0.0	3.3	8.3	51.3	3328	114
ARC97018	9.0	55	0.0	5.0	7.9	51.7	3183	109
ARC2180-1	9.3	54	0.0	5.0	7.8	50.7	3180	109
KS3254	9.7	55	0.0	1.7	7.9	51.5	3172	109
Baldur	9.0	53	0.0	3.3	7.8	51.4	3140	108
TCI.06.M4	9.0	51	0.0	1.7	7.8	50.9	3121	107
DSV05101	9.3	53	0.0	0.0	8.0	50.9	3115	107
KS3302	10.0	51	0.0	3.3	7.9	50.4	3087	106
NPZ0404	9.0	48	0.0	0.0	7.6	51.3	3070	105
DSV06201	10.0	49	0.0	0.0	7.7	51.4	3068	105
Wichita	9.7	52	0.0	0.0	7.5	51.6	3055	105
KS3077	9.0	53	0.0	5.0	7.6	51.4	3053	105
KS7436	9.7	54	1.7	3.3	8.1	50.9	3014	103
Kadore	10.0	46	0.0	0.0	8.5	51.6	3014	103
X01W522C	10.0	53	0.0	0.0	7.9	51.5	3007	103
Jetton	9.3	47	0.0	0.0	7.9	50.6	3005	103
KS4022	10.0	50	0.0	1.7	8.0	49.1	3001	103
Virginia	8.7	48	0.0	1.7	7.9	50.5	2998	103
TCI.06.M3	9.0	50	0.0	0.0	7.8	50.7	2991	103
Taurus	9.7	49	0.0	1.7	7.6	51.4	2990	103
MH60400	9.0	48	0.0	0.0	7.4	51.4	2974	102
X02W534C	9.0	49	0.0	0.0	7.1	51.8	2973	102
NPZ0391RR	9.0	53	0.0	0.0	10.1	50.2	2923	100
Sumner	9.7	48	3.3	0.0	7.4	50.9	2921	100
Trabant	10.0	48	0.0	1.7	8.0	50.8	2909	100
Satori	8.7	45	1.7	1.7	7.4	50.0	2887	99
KS9135	9.3	55	10.0	5.0	7.5	51.6	2879	99
KS3018	9.3	50	1.7	0.0	7.8	51.1	2877	99
Ceres	9.7	50	6.7	8.3	8.6	51.4	2868	98
ARC97019	9.3	55	0.0	5.0	7.6	51.2	2862	98
Hybristar	8.7	50	0.0	0.0	7.5	50.6	2797	96
KS3074	9.0	52	0.0	8.3	7.8	50.8	2770	95
Rasmus	8.3	47	0.0	0.0	7.9	50.5	2765	95
TCI.06.M1	9.3	48	1.7	3.3	7.6	50.3	2750	94
KS3132	9.7	56	3.3	6.7	7.9	50.7	2735	94
NPZ0591RR	9.3	52	0.0	1.7	7.6	52.1	2711	93
Falstaff	9.7	48	0.0	0.0	8.2	50.2	2706	93
Baros	8.3	46	0.0	3.3	7.3	51.4	2681	92
ARC98007	8.3	58	3.3	6.7	7.8	50.9	2661	91
Kalif	9.3	46	0.0	0.0	7.3	51.6	2655	91
ARC98015	8.7	62	0.0	11.7	7.9	51.3	2637	90
EXP3269	9.3	46	10.0	3.3	7.7	50.7	2635	90
DKW13-86	9.7	49	0.0	3.3	7.2	51.1	2530	87
Gospel	10.0	46	0.0	0.0	8.8	51.6	2528	87
KS4085	9.7	54	0.0	5.0	7.6	50.5	2479	85
Viking	9.7	47	0.0	1.7	7.4	52.4	2478	85
Plainsman	7.3	55	0.0	5.0	7.8	50.8	2398	82
Abilene	7.7	54	0.0	1.7	8.0	50.9	2380	82
Ovation	9.7	51	0.0	0.0	7.7	51.3	2358	81
DKW13-62	10.0	50	0.0	5.0	6.9	51.6	2347	81
TCI.06.M2	9.7	47	3.3	1.7	7.1	50.5	2088	72
Mean	9.2	51	1.3	2.5	7.8	51.1	2914	100
CV	9.0	8	461.0	137.0	8.6	1.4	10	10
LSD (0.05)	1.3	7	NS	5.4	1.1	1.2	516	18

Table 18. Goodwell, OK GPCVT preliminary data for 2006-07									
Entry	**Fall Stand**	**Height**	**Lodging**	**Shatter**	**Moisture**	**Test Weight**	**Yield**	**Yield**	**Yield**
	(0-10)	***(inches)***	***(%)***	***(%)***	***(%)***	***(lbs/bu)***	***(lbs/ac)***	***(bu/ac)***	***(% of Mean)***
Jetton	9.0	48	0.0	0.0	8.7	51.4	3613	72.3	118
KS4158	9.7	50	0.0	0.0	8.3	51.4	3572	71.4	117
KS4083	9.3	55	0.0	1.7	9.6	50.5	3496	69.9	115
KS4313	9.0	59	0.0	10.0	9.3	50.8	3366	67.3	110
KS4320	9.7	52	0.0	5.0	7.7	51.7	3364	67.3	110
KS4134	8.3	50	0.0	1.7	7.8	51.5	3327	66.5	109
KS4036	9.3	49	0.0	1.7	8.6	50.7	3310	66.2	108
KS4138	9.3	52	0.0	3.3	8.0	50.9	3303	66.1	108
KS4155	9.7	47	0.0	1.7	8.3	50.8	3292	65.8	108
KS4082	10.0	54	0.0	3.3	7.9	51.2	3262	65.2	107
KS4280	9.3	55	0.0	1.7	7.9	51.0	3245	64.9	106
Wichita	9.3	53	0.0	1.7	8.0	51.4	3236	64.7	106
KS4124	9.0	55	16.7	1.7	9.1	51.5	3212	64.2	105
KS4033	8.7	50	0.0	0.0	8.3	50.1	3185	63.7	104
KS4132	9.7	60	0.0	5.0	8.7	51.9	3171	63.4	104
KS4023	9.0	52	6.7	1.7	8.7	50.8	3122	62.4	102
KS4171	8.7	59	36.7	6.7	9.3	51.4	3119	62.4	102
KS4038	9.3	52	0.0	0.0	8.7	50.6	3103	62.1	102
KS4122	10.0	57	0.0	10.0	8.8	51.9	3059	61.2	100
KS4151	9.0	55	0.0	3.3	8.7	51.4	3009	60.2	99
KS4198	8.7	54	0.0	3.3	9.3	51.5	2983	59.7	98
KS4125	9.3	57	6.7	16.7	8.7	51.5	2980	59.6	98
KS4191	9.7	54	3.3	8.3	8.3	50.5	2973	59.5	97
KS4120	9.0	56	0.0	6.7	9.9	51.3	2971	59.4	97
KS4192	9.7	56	0.0	3.3	8.3	51.3	2966	59.3	97
KS4145	8.7	55	56.7	20.0	10.5	50.4	2966	59.3	97
KS4018	9.0	54	23.3	0.0	8.9	51.5	2959	59.2	97
KS4127	8.7	52	3.3	11.7	8.4	51.3	2955	59.1	97
KS4143	9.7	56	10.0	5.0	8.9	51.4	2954	59.1	97
KS4024	9.7	55	0.0	1.7	8.4	50.1	2953	59.1	97
KS4112	8.7	53	0.0	10.0	8.5	52.3	2921	58.4	96
KS4070	9.0	57	0.0	8.3	8.5	51.3	2890	57.8	95
KS4035	9.0	51	0.0	3.3	7.9	50.4	2874	57.5	94
KS4031	8.7	53	6.7	3.3	7.8	50.8	2854	57.1	94
KS4193	9.3	54	0.0	5.0	8.2	52.3	2852	57.0	93
Plainsman	8.0	56	0.0	0.0	8.2	51.1	2852	57.0	93
KS4183	9.0	57	0.0	0.0	7.6	51.5	2830	56.6	93
KS4040	8.3	53	0.0	8.3	7.8	50.9	2802	56.0	92
KS4106	9.3	52	0.0	6.7	8.3	51.9	2792	55.8	91
KS4323	9.0	56	0.0	11.7	8.3	52.0	2708	54.2	89
DKW13-86	9.3	47	0.0	6.7	7.5	51.3	2444	48.9	80
KS4061	9.0	56	23.3	18.3	10.5	51.0	2295	45.9	75
Mean	9.1	54	4.6	5.2	8.5	51.2	3051	61.0	100
CV	8.6	6	270.4	100.5	8.4	1.2	8	7.6	8
LSD (0.05)	NS	5	20.2	8.5	1.2	1.0	377	7.5	12

Table 19. Sources of Seed for Entries in the 2007 National Winter Canola Variety Trial

Entry	Type[1]	Trait[2]
Deutsche Saatveredelung AG (DSV)		
Lippstadt, Germany		
DSV 05100	H	
DSV 05101	H	
DSV 05102	H	
DSV 06200	H	
DSV 06201	H	
DSV 06202	H	
Kansas State University		
2002 Throckmorton Plant Sciences Center		
Manhattan, KS 66506-5501		
Abilene	OP	
KS3018	OP	
KS3074	OP	
KS3077	OP	
KS3132	OP	
KS3254	OP	
KS3302	OP	
KS4022	OP	
KS4085	OP	
KS7436	OP	
KS9135	OP	
Plainsman	OP	
Sumner	OP	SU
Wichita	OP	
Miles Enterprises		
P.O. Box 22879		
Owensboro, KY 42304-2879		
Hybristar	H	
Kadore	OP	
Kalif	OP	
MH 604001	H	
Ovation	OP	
Satori	OP	
Monsanto		
800 North Lindberg Bvd.		
St. Louis, MO 63167		
DKW13-62	OP	RR
DKW13-86	OP	RR
EXP3269	OP	RR
Virginia State University		
Agricultural Experiment Station		
Petersburg, VA 23806		
Virginia	OP	
Norddeutche Pflanzenzucht (NPZ)		
Hans-Georg Lembke KG		
Hohenlieth Germany D-24363 Holtsee		
Baldur	H	
Baros	OP	
Ceres	OP	
Jetton	OP	
Kronos	H	
NPZ0391RR	H	RR
NPZ0404	H	
NPZ0591RR	H	RR
Rasmus	OP	
SLM0402	H	
Taurus	H	
Trabant	H	
Viking	OP	
Pioneer Hi-bred		
Lincoln, NE		
X01W522C	H	
X01W692C	H	
X02W534C	H	Semi-dwarf
Svalöv Weibull		
S-268 81 Svalöv		
Sweden		
Casino	OP	
Falstaff	OP	
Gospel	OP	
Technology Crops International		
P.O. Box 11925		
Winston-Salem, NC 27116		
TCI.06.M1	OP	High Erucic
TCI.06.M2	OP	High Erucic
TCI.06.M3	OP	High Erucic
TCI.06.M4	OP	High Erucic
University of Arkansas		
Department of Crop, Soil, & Environmental S		
Fayetteville, AR 72701		
ARC2180-1	OP	
ARC98007	OP	
ARC97018	OP	
ARC98015	OP	
ARC97019	OP	

[1] OP = open pollinated, H = hybrid.

[2] SU = sulfonylurea, RR = glyphosate