

## 1999 DRY BEAN YIELD TESTS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	RANGE	DESIGN	REPLICATIONS	HARVEST METHOD
9101	STANDARD NAVY BEAN YIELD TEST	06/04/99	B&B FARM SAGINAW	2	REC.LATTICE	4	ROD PULLED
9103	STANDARD BLACK BEAN YIELD TEST	06/04/99	B&B FARM SAGINAW	2	REC.LATTICE	4	ROD PULLED
9105	STANDARD PINTO BEAN YIELD TEST	06/05/99	B&B FARM SAGINAW	2	REC.LATTICE	4	ROD PULLED
9107	STANDARD GREAT NORTHERN YIELD TEST	06/05/99	B&B FARM SAGINAW	2	REC.LATTICE	4	ROD PULLED
9110	STANDARD SMALL RED AND PINK TEST	06/05/99	B&B FARM SAGINAW	2	SQ. LATTICE	4	ROD PULLED
9211	STANDARD KIDNEY BEAN YIELD TEST	06/17/99	ENTRICAN MONTCALM	-	SQ. LATTICE	4	KNIFE PULLED
9215	STANDARD BUSH CRANBERRY YIELD TEST	06/17/99	ENTRICAN MONTCALM	-	SQ. LATTICE	4	KNIFE PULLED
9117	STANDARD VINE CRANBERRY YIELD TEST	06/07/99	B&B FARM SAGINAW	6	REC.LATTICE	4	ROD PULLED
9223	WHITE MOLD VARIETY TEST	06/18/99	ENTRICAN MONTCALM	-	SQ. LATTICE	3	KNIFE PULLED

PROCEDURE: PLANTED IN 4 ROW PLOTS, 21 FEET LONG, 20 INCH ROW WIDTH, 4 SEEDS/FOOT, 15 FOOT SECTION OF CENTER 2 ROWS WAS HARVESTED AT MATURITY.

SAGINAW: FERTILIZER BANDED: 250 POUNDS OF 27-7-0 + 4% MN + 1% ZN AT PLANTING.

HERBICIDES APPLIED: 1 QT. FRONTIER + 2 QT. EPTAM PPI.

INSECTICIDES APPLIED: 6 OZ. ASANA ON JUNE 23 AND 1 PT. CYGON ON JULY 7.

FUNGICIDES APPLIED: 1.5 LB BENLATE + 1 QT CHAMP ON JULY 20, AND AUGUST 3.

ENTRICAN: FERTILIZER BANDED: 250 LBS OF 19-19-19 AT PLANTING. 30 LBS OF NITROGEN SIDE DRESS ON JULY 20.

HERBICIDES APPLIED: 1 PT. TREFLAN + 1 QT. DUAL APPLIED PPI. 0.5 PT. REFLEX ON JULY 11.

INSECTICIDES APPLIED: 1 PT CYGON TO CONTROL LEAF HOPPERS ON JUNE 29.

FUNGICIDES APPLIED: 1 QT. CHAMP ON JULY 11, 24, AUGUST 7 AND 18.

IRRIGATION APPLIED: 0.5 INCH ON JULY 30 AND AUGUST 2, 18, AND 21 ON WHITE MOLD TEST 9223 ONLY.

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
I91112 SCHOONER,NOVARTIS	24	45.6	120.6	47.8	22.6	43.0	94.9
I92002 C-20*6/CN49-242 NAVY GENTEC,VISTA	25	44.0	116.3	46.2	23.6	44.0	95.0
N97774 BUNSI/HURON	4	41.9	110.9	45.4	26.9	44.0	90.2
N98120 N94080/X95406	16	41.4	109.4	45.0	23.5	45.0	95.9
I97247 UI-906/AVANTI,ND91-117-05-02, COMMANDER	35	40.7	107.5	43.7	22.3	42.0	91.0
N98111 VISTA/B93102	11	40.6	107.2	44.4	22.0	45.0	93.4
N98104 MACKINAC/X95403	7	39.8	105.2	42.1	22.3	42.0	94.5
I90301 C20/SEA,B229ASGROW,AVANTI	30	39.7	104.9	41.1	24.1	44.0	89.7
N98119 N94080/X95406	15	39.4	104.2	42.2	24.2	44.0	95.9
N98123 B93102/N90618	19	39.3	103.9	43.7	24.2	45.0	94.6
N98112 VISTA/B93102	12	39.3	103.8	41.8	22.8	44.0	91.5
I97248 N85027/3/8104908/8214721//N85007,ND91-076-01, ARTHUR	34	38.8	102.7	41.1	22.9	45.0	91.1
N98101 VISTA/B93102	5	38.8	102.5	39.9	22.3	44.0	94.4
N98121 X98101/HURON	17	38.8	102.5	39.1	27.9	41.0	94.6
N98109 VISTA/B93102	9	38.7	102.3	42.2	22.2	47.0	92.5
N98124 B93102/N90618	20	38.4	101.4	39.8	23.3	43.0	95.0
N98117 CRESTWOOD/X95409	13	38.2	101.0	42.4	20.3	44.0	90.6
I99189 92-136-01 ND(NAVY)	29	37.9	100.2	44.6	22.2	43.0	89.0
N91401 61627/2W33-2//C-20,1990 MAYFLOWER	26	37.7	99.6	39.9	23.9	42.0	96.0
N98110 VISTA/B93102	10	37.6	99.4	38.5	23.5	41.0	91.5
N98105 MACKINAC/X95403	8	37.6	99.3	41.4	22.7	44.0	95.0
I98307 ACCOMPASS(NAVY)AGCANADA-HARROW	33	37.5	99.0	39.8	25.2	40.0	89.9
N98127 N94080SEL(SCHOONER/N90460)	22	37.3	98.6	37.7	22.4	44.0	94.0
N94080 SCHOONER/N90460	1	37.3	98.5	39.5	22.4	41.0	93.9
N93296 N90435/AVANTI,MACKINAC	36	37.3	98.5	39.3	22.5	46.0	95.8
N98118 N94080/X95406	14	37.2	98.4	38.7	24.4	46.0	95.6
N98103 MACKINAC/X95403	6	37.2	98.3	39.2	23.0	45.0	95.5
N98126 N94080SEL(SCHOONER/N90460)	21	37.2	98.3	41.5	22.6	43.0	94.1
N98128 G93435/VCI-4B-TARS	23	37.1	98.0	40.5	27.6	46.0	95.4
I95401 NAVIGATOR,NOVARTIS	28	36.7	97.0	38.7	23.7	41.0	93.0
I99106 ISB 1256NAVY	31	36.5	96.6	37.1	24.3	42.0	97.1
N97772 BUNSI/HURON	3	35.0	92.6	38.6	20.1	46.0	88.1
N97775 BUNSI/HURON	2	33.1	87.5	32.7	21.7	44.0	93.3
N90599 N85606/HAROKENT,NEWPORT	27	32.2	85.0	31.7	22.1	45.0	93.4
N98122 HURON/X98102	18	29.5	77.9	32.5	29.2	45.0	94.9
I96403 ISB 1814(NAVY)	32	27.0	71.4	31.3	21.1	46.0	95.6
AVERAGE OF PRECEDING 36 MEANS		37.8	100.0	40.3	23.4	43.8	93.5
LSD (P=.05)		3.9	10.3	2.8	1.4	.0	.9
(P=.01)		5.0	13.3	3.6	1.8	.0	1.2
COEFFICIENT OF VARIATION		7.2	7.2	4.9	4.1	.0	.7

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE	
I91112	SCHOONER,NOVARTIS	24	45.6	4.5	38.1	3.0
I92002	C-20*6/CN49-242 NAVY GENTEC,VISTA	25	44.0	3.0	49.1	5.2
N97774	BUNSI/HURON	4	41.9	4.0	43.6	4.0
N98120	N94080/X95406	16	41.4	2.0	54.5	5.1
I97247	UI-906/AVANTI,ND91-117-05-02, COMMANDER	35	40.7	3.0	46.4	4.4
N98111	VISTA/B93102	11	40.6	1.5	53.7	6.1
N98104	MACKINAC/X95403	7	39.8	2.0	51.2	5.1
I90301	C20/SEA,B229ASGROW,AVANTI	30	39.7	3.0	47.6	4.6
N98119	N94080/X95406	15	39.4	2.0	51.4	4.6
N98123	B93102/N90618	19	39.3	2.0	55.1	6.7
N98112	VISTA/B93102	12	39.3	1.0	52.5	5.5
I97248	N85027/3/8104908/8214721//N85007,ND91-076-01,ARTHUR	34	38.8	2.0	53.4	5.4
N98101	VISTA/B93102	5	38.8	2.5	48.5	4.5
N98121	X98101/HURON	17	38.8	3.5	40.9	3.4
N98109	VISTA/B93102	9	38.7	1.5	53.3	6.0
N98124	B93102/N90618	20	38.4	2.0	55.5	6.0
N98117	CRESTWOOD/X95409	13	38.2	2.5	46.0	4.9
I99189	92-136-01 ND(NAVY)	29	37.9	3.5	43.0	4.5
N91401	61627/2W33-2//C-20,1990 MAYFLOWER	26	37.7	3.0	46.5	4.9
N98110	VISTA/B93102	10	37.6	1.0	54.6	6.8
N98105	MACKINAC/X95403	8	37.6	2.0	52.5	5.4
I98307	ACCOMPASS(NAVY)AGCANADA-HARROW	33	37.5	2.0	47.6	4.4
N98127	N94080SEL(SCHOONER/N90460)	22	37.3	3.0	46.3	4.9
N94080	SCHOONER/N90460	1	37.3	3.0	49.4	4.8
N93296	N90435/AVANTI,MACKINAC	36	37.3	2.0	51.9	4.4
N98118	N94080/X95406	14	37.2	2.0	52.4	4.9
N98103	MACKINAC/X95403	6	37.2	2.0	51.4	4.0
N98126	N94080SEL(SCHOONER/N90460)	21	37.2	3.0	48.5	4.9
N98128	G93435/VCI-4B-TARS	23	37.1	4.0	42.6	3.0
I95401	NAVIGATOR,NOVARTIS	28	36.7	1.0	54.5	5.6
I99106	ISB 1256NAVY	31	36.5	3.0	45.4	3.6
N97772	BUNSI/HURON	3	35.0	2.5	45.5	4.5
N97775	BUNSI/HURON	2	33.1	3.0	45.4	3.8
N90599	N85606/HAROKENT,NEWPORT	27	32.2	2.0	46.0	4.1
N98122	HURON/X98102	18	29.5	4.0	42.0	2.9
I96403	ISB 1814(NAVY)	32	27.0	3.0	48.2	4.1
AVERAGE OF PRECEDING 36 MEANS			37.8	2.5	48.7	4.7
LSD (P=.05)			3.9	.3	1.4	.4
(P=.01)			5.0	.4	1.8	.5
COEFFICIENT OF VARIATION			7.2	7.7	2.0	5.5

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
B98304 VISTA/B93102	11	43.4	116.9	48.0	21.1	45.0	91.5
B95556 B90211/N90616, JAGUAR	20	43.2	116.3	44.8	23.2	45.0	95.0
B98306 CRESTWOOD/X95409	13	41.7	112.5	48.1	23.2	45.0	90.0
B98303 VISTA/B93102	10	40.8	110.0	44.6	22.7	44.0	91.0
B98302 VISTA/B93102	9	40.0	107.8	45.7	22.9	45.0	91.0
B98305 VISTA/B93102	12	39.8	107.2	40.8	22.0	45.0	95.5
B98301 VISTA/B93102	8	39.8	107.2	42.7	23.0	43.0	95.5
B96627 B93102/BLACKJACK	4	39.5	106.5	42.5	23.7	47.0	96.0
B98311 X98102/RAVEN	15	39.3	106.0	41.8	29.8	45.0	95.0
I98347 H9662-6(BLACK)PHIL MIKLAS	17	39.0	105.0	42.0	23.3	45.0	95.0
B95203 RAVEN/N90618	18	38.5	103.7	43.1	25.1	46.0	96.0
B95204 RAVEN/N90618, PHANTOM	2	38.2	103.1	36.4	24.6	47.0	95.5
I99192 ONYX(BK)NOVARTIS	30	38.2	103.0	39.1	24.1	45.0	94.0
B95213 RAVEN/N90618	1	37.3	100.4	39.9	20.3	47.0	94.5
B96659 B90213/CU-M90	19	37.1	99.8	38.3	26.3	44.0	96.5
B90222 N84004/B85009 (B89104 SEL),RAVEN	26	37.0	99.8	40.9	22.6	47.0	94.5
B98312 X98103/RAVEN	16	36.6	98.7	39.4	26.0	44.0	93.5
B95548 RAVEN/N90618	3	36.0	97.1	41.3	22.7	44.0	93.5
B83302 49-242 / TUS // BM /3/ MID,BLACKHAWK	24	35.9	96.7	36.6	26.7	45.0	96.0
I91304 CU-M90(BYMV),BLACKKNIGHT	22	35.8	96.5	37.6	24.3	44.0	95.5
B96638 B93104/BLACKHAWK	5	35.6	95.9	38.0	24.4	44.0	94.5
I81066 SEL-BTS,T39	21	35.1	94.5	35.9	23.8	47.0	95.5
B97777 RAVEN/BUNSI	7	35.0	94.2	34.6	23.4	47.0	96.0
I81048 BULK-70001+2+3+4,MIDNIGHT	23	34.9	94.1	31.5	23.1	45.0	97.5
B96674 B93102/CU-M90	6	34.9	94.1	36.2	23.9	45.0	94.5
I99110 I9606-6(USDA-PROSSER)	29	34.7	93.5	37.0	26.9	47.0	94.5
I98308 SHINYCROW(BK)COLORADO ST.UNIV	27	34.5	93.1	33.3	25.3	45.0	96.0
B98307 N94080/X95405	14	32.4	87.4	36.7	22.3	47.0	89.0
I93115 (B),BLACK JACK	25	31.4	84.5	34.4	24.3	47.0	96.5
I99109 ICB 10-5(USDA-PROSSER)	28	27.7	74.6	29.4	26.2	44.0	90.0
AVERAGE OF PRECEDING 30 MEANS		37.1	100.0	39.4	24.0	45.3	94.3
LSD (P=.05)		3.5	9.5	2.4	1.2	.0	.7
(P=.01)		4.6	12.3	3.1	1.6	.0	.9
COEFFICIENT OF VARIATION		6.7	6.7	4.3	3.6	.0	.5

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
B98304 VISTA/B93102	11	43.4	1.0	51.8	6.0
B95556 B90211/N90616, JAGUAR	20	43.2	2.0	55.0	6.6
B98306 CRESTWOOD/X95409	13	41.7	2.0	49.2	6.4
B98303 VISTA/B93102	10	40.8	1.5	53.4	6.5
B98302 VISTA/B93102	9	40.0	2.0	49.0	6.0
B98305 VISTA/B93102	12	39.8	1.5	54.6	5.5
B98301 VISTA/B93102	8	39.8	2.5	50.0	5.0
B96627 B93102/BLACKJACK	4	39.5	2.0	54.6	5.4
B98311 X98102/RAVEN	15	39.3	3.0	45.5	4.9
I98347 H9662-6(BLACK)PHIL MIKLAS	17	39.0	2.5	50.6	4.5
B95203 RAVEN/N90618	18	38.5	2.0	53.5	5.0
B95204 RAVEN/N90618, PHANTOM	2	38.2	2.0	53.9	5.6
I99192 ONYX(BK)NOVARTIS	30	38.2	2.0	50.7	5.5
B95213 RAVEN/N90618	1	37.3	1.5	53.9	6.1
B96659 B90213/CU-M90	19	37.1	2.5	50.3	4.9
B90222 N84004/B85009 (B89104 SEL),RAVEN	26	37.0	2.0	53.1	4.0
B98312 X98103/RAVEN	16	36.6	2.5	49.0	4.9
B95548 RAVEN/N90618	3	36.0	2.0	52.1	5.3
B83302 49-242 / TUS // BM /3/ MID,BLACKHAWK	24	35.9	3.0	51.1	5.1
I91304 CU-M90(BYMV),BLACKKNIGHT	22	35.8	3.0	49.4	5.0
B96638 B93104/BLACKHAWK	5	35.6	3.0	46.5	3.5
I81066 SEL-BTS,T39	21	35.1	4.0	41.9	3.0
B97777 RAVEN/BUNSI	7	35.0	3.0	48.5	4.4
I81048 BULK-70001+2+3+4,MIDNIGHT	23	34.9	2.5	50.0	4.6
B96674 B93102/CU-M90	6	34.9	2.0	51.2	5.0
I99110 I9606-6(USDA-PROSSER)	29	34.7	3.5	44.0	3.0
I98308 SHINYCROW(BK)COLORADO ST.UNIV	27	34.5	4.0	41.0	3.2
B98307 N94080/X95405	14	32.4	2.0	47.6	5.5
I93115 (B),BLACK JACK	25	31.4	4.0	42.0	4.1
I99109 ICB 10-5(USDA-PROSSER)	28	27.7	2.0	49.4	5.0
AVERAGE OF PRECEDING 30 MEANS		37.1	2.4	49.8	5.0
LSD (P=.05)		3.5	.3	1.6	.4
(P=.01)		4.6	.4	2.1	.5
COEFFICIENT OF VARIATION		6.7	9.2	2.3	5.8

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
I99120 MESA CSU.(PT)	25	40.5	117.6	39.2	44.8	47.0	96.4
P98511 P90557/G91213(SELP94211)	13	39.3	114.2	39.2	43.7	44.0	90.9
P94207 P90557/G91213,KODIAK	14	39.3	114.0	43.1	47.8	44.0	90.5
I99117 BUSTER(PT)ASG85-5051-7 ASGROW	23	39.2	113.8	46.0	43.8	45.0	90.6
P97803 WM2-93-1/P93122	7	38.5	112.0	42.7	42.2	41.0	94.0
P97819 WM2-93-1/P95302	9	38.2	111.0	40.9	44.7	43.0	89.9
I98306 AC PINTOBA,AGCANADA-HARROW	20	37.9	110.0	40.6	47.4	43.0	93.0
I97236 USWA 19(PT)USDA-PROSSER,BURKE	19	37.5	109.0	42.7	44.5	41.0	94.0
P94211 P90557/G91213	2	37.0	107.6	39.3	45.1	44.0	93.0
I91119 WM2-89-5 NE(PT),CHASE	15	36.8	106.8	40.0	43.1	45.0	93.4
I95320 ND-88-019-10-2,SIERRA/NDSU(PT),FRONTIER	18	36.6	106.3	37.9	46.0	47.0	97.0
I96903 96RS131(PT)93T1405/92BR3-1006,BDM-RMR-11	1	35.8	103.9	39.0	49.0	41.0	94.6
P98505 P95341/X95204	10	35.8	103.9	38.0	47.0	44.0	95.5
I98313 CO 51715(PINTO)	21	35.5	103.2	38.1	41.5	45.0	90.5
P96746 P93128/SIERRA	6	35.0	101.8	33.1	48.3	43.0	94.5
I99118 ELIZABETH FOXBEAN(PT)	24	34.6	100.4	37.6	44.8	39.0	91.5
I95310 88-048-03(PT)NDSU,MAVERICK	17	33.8	98.3	42.7	42.0	43.0	88.5
I99116 92235UNIV SASK(PT)	22	33.6	97.7	41.0	44.7	40.0	88.1
I98304 UI 320(PINTO)INIV. IDAHO	26	33.6	97.6	40.6	45.2	39.0	88.1
P97806 WM2-93-1/P93122	8	33.2	96.4	34.7	41.3	45.0	95.0
P89430 81-12034/P86297,AZTEC	16	33.1	96.3	38.1	44.6	43.0	88.0
I99119 ISB5893(PT)	27	32.4	94.2	33.6	42.3	46.0	95.4
I99193 PONCHO(PT)NOVARTIS	28	32.0	92.9	34.4	42.1	41.0	86.5
P98506 P95341/X95204	11	31.8	92.3	34.8	43.4	42.0	93.5
P95416 P90511/4/P90504//P89438/90MS-36/3/P90571	4	30.5	88.7	33.8	39.5	44.0	94.0
P95429 P90557/4/P90552//WM4-89-4/90MS-36/3/P90545	3	29.3	85.2	31.6	43.6	45.0	95.1
P98507 P95427/X95247	12	28.9	83.8	29.3	47.6	44.0	97.5
P96730 P93128/ND88-075-08-1C(PT)	5	28.7	83.3	30.3	48.1	43.0	93.0
I99191 982769(PT)ND	30	28.6	83.2	31.0	44.2	41.0	94.0
I99190 982711(PT)ND	29	25.7	74.7	28.2	36.7	40.0	86.9
AVERAGE OF PRECEDING 30 MEANS		34.4	100.0	37.4	44.3	43.1	92.4
LSD (P=.05)		4.7	13.6	3.2	2.9	.0	1.3
(P=.01)		6.1	17.6	4.1	3.8	.0	1.7
COEFFICIENT OF VARIATION		9.6	9.6	6.0	4.7	.0	1.0

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
I99120 MESA CSU.(PT)	25	40.5	5.0	35.4	1.5
P98511 P90557/G91213(SELP94211)	13	39.3	3.5	43.0	4.0
P94207 P90557/G91213,KODIAK	14	39.3	3.5	42.0	4.5
I99117 BUSTER(PT)ASG85-5051-7 ASGROW	23	39.2	4.0	43.2	3.5
P97803 WM2-93-1/P93122	7	38.5	2.5	49.4	6.0
P97819 WM2-93-1/P95302	9	38.2	3.0	43.9	5.0
I98306 AC PINTOBA,AGCANADA-HARROW	20	37.9	4.0	43.3	4.0
I97236 USWA 19(PT)USDA-PROSSER,BURKE	19	37.5	3.5	43.4	4.0
P94211 P90557/G91213	2	37.0	3.5	44.0	4.0
I91119 WM2-89-5 NE(PT),CHASE	15	36.8	5.0	35.0	2.0
I95320 ND-88-019-10-2,SIERRA/NDSU(PT),FRONTIER	18	36.6	4.5	41.7	3.0
I96903 96RS131(PT)93T1405/92BR3-1006,BDM-RMR-11	1	35.8	3.0	42.2	4.5
P98505 P95341/X95204	10	35.8	3.5	47.2	4.0
I98313 CO 51715(PINTO)	21	35.5	5.0	35.0	1.5
P96746 P93128/SIERRA	6	35.0	3.0	48.6	4.5
I99118 ELIZABETH FOXBEAN(PT)	24	34.6	5.0	38.2	3.0
I95310 88-048-03(PT)NDSU,MAVERICK	17	33.8	4.5	39.9	3.0
I99116 92235UNIV SASK(PT)	22	33.6	4.5	38.1	2.5
I98304 UI 320(PINTO)INIV. IDAHO	26	33.6	4.0	36.5	2.5
P97806 WM2-93-1/P93122	8	33.2	3.0	48.0	4.0
P89430 81-12034/P86297,AZTEC	16	33.1	3.0	41.9	4.0
I99119 ISB5893(PT)	27	32.4	5.0	35.0	2.0
I99193 PONCHO(PT)NOVARTIS	28	32.0	5.0	32.3	1.0
P98506 P95341/X95204	11	31.8	3.0	44.6	4.0
P95416 P90511/4/P90504//P89438/90MS-36/3/P90571	4	30.5	3.0	47.2	4.0
P95429 P90557/4/P90552//WM4-89-4/90MS-36/3/P90545	3	29.3	4.0	45.1	4.0
P98507 P95427/X95247	12	28.9	3.5	48.9	2.5
P96730 P93128/ND88-075-08-1C(PT)	5	28.7	3.0	46.9	4.0
I99191 982769(PT)ND	30	28.6	2.0	47.8	4.5
I99190 982711(PT)ND	29	25.7	3.0	43.0	2.5
AVERAGE OF PRECEDING 30 MEANS		34.4	3.7	42.3	3.5
LSD (P=.05)		4.7	.4	2.0	.5
(P=.01)		6.1	.6	2.6	.6
COEFFICIENT OF VARIATION		9.6	8.3	3.3	9.6

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
G97946 G93414/G93441	24	40.9	110.3	45.8	39.4	40.0	89.1
G97915 G93414/G93401	14	40.7	109.7	45.5	40.6	39.0	89.0
G97943 G93414/G93441	22	40.6	109.4	47.6	39.5	40.0	88.0
G97947 G93414/G93441	25	40.5	109.0	45.2	39.5	42.0	89.5
G97914 G93414/G93401	13	40.2	108.3	45.5	38.7	40.0	88.0
G97944 G93414/G93441	23	40.0	107.8	46.5	39.7	41.0	89.6
G97918 G93414/G93401	16	39.4	106.2	45.2	39.5	40.0	89.1
G97913 G93414/G93401	12	39.3	106.0	45.8	39.8	43.0	88.0
G97905 G93414/54028	9	39.3	105.8	46.1	39.9	39.0	89.0
G97941 G93414/G93441	20	39.2	105.7	43.7	37.9	40.0	86.6
G97916 G93414/G93401	15	39.0	105.1	45.8	39.2	40.0	87.5
G93414 MATTERHORN, ALPINE/4/WM1-85-56/2*SIERRA/3/WM1-85-45/	34	39.0	105.1	46.7	40.2	39.0	87.0
G97927 G95012/G93414	17	38.8	104.6	42.4	40.0	40.0	89.0
G97948 G93414/G93441	26	38.8	104.6	43.7	38.4	42.0	87.1
G97949 G93414/G93441	27	38.6	104.0	40.6	39.8	40.0	87.9
G97950 G93414/G93441	28	38.4	103.4	42.8	39.6	39.0	87.5
G97909 G93414/54028	11	38.4	103.4	43.8	40.8	43.0	88.5
G98606 GLACIER(SEL)	31	38.3	103.3	47.4	41.1	39.0	86.9
G96825 G92319/ALPINE	7	37.2	100.1	41.9	37.6	42.0	90.3
G98602 G93442/X94023	30	37.2	100.1	46.0	37.8	40.0	86.9
I83001 US 1140	4	37.1	100.0	44.5	38.5	43.0	84.9
G98601 G93442/X94023	29	37.0	99.7	45.8	40.5	40.0	86.4
G97904 G93414/87:1116	8	36.9	99.5	42.8	38.5	43.0	88.1
G97907 G93414/54028	10	36.7	98.8	42.8	38.6	41.0	89.3
G98612 G95142(SEL)	32	36.6	98.5	43.3	39.1	43.0	90.0
G97942 G93414/G93441	21	36.5	98.4	45.8	37.6	41.0	88.0
G95157 P92606/G92302	5	35.6	95.9	41.2	44.2	40.0	88.6
I98303 WN3-94-9(GN)UNIV NEBRASKA, WEIHING	36	35.0	94.3	39.5	42.7	44.0	89.1
G95142 P92606/G92302	2	34.8	93.6	37.2	39.0	43.0	89.5
G95158 P92606/G92302	6	33.7	90.9	42.4	35.9	39.0	89.6
I99121 UI465(GN)	35	32.8	88.3	35.0	41.5	45.0	92.0
G95146 P92606/G92302	3	32.7	88.1	37.2	42.3	40.0	91.4
G95136 P92605/G92302	1	32.6	87.9	36.2	44.0	41.0	91.0
G98615 G95150(SEL)	33	32.4	87.2	35.2	42.4	40.0	87.9
G97934 ALPINE/G93442	18	32.2	86.9	34.6	38.4	41.0	91.1
G97937 ALPINE/G93442	19	29.7	80.0	33.4	33.0	41.0	92.0
AVERAGE OF PRECEDING 36 MEANS		37.1	100.0	42.6	39.6	40.9	88.7
LSD (P=.05)		3.9	10.5	2.1	3.5	.0	1.2
(P=.01)		5.1	13.6	2.8	4.5	.0	1.6
COEFFICIENT OF VARIATION		7.4	7.4	3.6	6.2	.0	1.0

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE	
G97946	G93414/G93441	24	40.9	2.0	53.3	6.0
G97915	G93414/G93401	14	40.7	2.0	53.9	5.5
G97943	G93414/G93441	22	40.6	2.0	52.5	5.5
G97947	G93414/G93441	25	40.5	2.0	53.3	6.0
G97914	G93414/G93401	13	40.2	2.0	53.9	5.0
G97944	G93414/G93441	23	40.0	2.5	52.9	5.5
G97918	G93414/G93401	16	39.4	2.0	53.5	6.0
G97913	G93414/G93401	12	39.3	2.0	52.1	5.0
G97905	G93414/54028	9	39.3	2.0	56.0	5.0
G97941	G93414/G93441	20	39.2	2.0	53.4	5.5
G97916	G93414/G93401	15	39.0	2.0	54.1	6.0
G93414	MATTERHORN, ALPINE/4/WM1-85-56/2*SIERRA/3/WM1-85-45/	34	39.0	2.0	52.0	5.0
G97927	G95012/G93414	17	38.8	2.5	53.5	4.5
G97948	G93414/G93441	26	38.8	2.0	52.0	5.0
G97949	G93414/G93441	27	38.6	2.0	52.5	5.0
G97950	G93414/G93441	28	38.4	2.0	44.0	5.5
G97909	G93414/54028	11	38.4	2.0	53.0	5.5
G98606	GLACIER (SEL)	31	38.3	2.0	54.9	6.0
G96825	G92319/ALPINE	7	37.2	3.0	50.7	4.0
G98602	G93442/X94023	30	37.2	2.0	53.4	6.0
I83001	US 1140	4	37.1	5.0	32.6	1.0
G98601	G93442/X94023	29	37.0	2.0	52.1	5.5
G97904	G93414/87:1116	8	36.9	3.0	46.0	4.0
G97907	G93414/54028	10	36.7	2.0	51.0	5.5
G98612	G95142 (SEL)	32	36.6	3.0	49.6	5.0
G97942	G93414/G93441	21	36.5	2.0	52.5	5.0
G95157	P92606/G92302	5	35.6	3.0	48.4	4.5
I98303	WN3-94-9 (GN) UNIV NEBRASKA, WEIHING	36	35.0	3.0	46.6	4.0
G95142	P92606/G92302	2	34.8	3.0	47.6	4.5
G95158	P92606/G92302	6	33.7	3.0	49.1	4.5
I99121	UI465 (GN)	35	32.8	4.0	42.0	2.0
G95146	P92606/G92302	3	32.7	3.0	48.6	4.0
G95136	P92605/G92302	1	32.6	3.0	52.0	4.0
G98615	G95150 (SEL)	33	32.4	3.0	47.7	3.5
G97934	ALPINE/G93442	18	32.2	1.5	52.9	2.5
G97937	ALPINE/G93442	19	29.7	2.5	52.9	1.0
AVERAGE OF PRECEDING 36 MEANS			37.1	2.4	50.7	4.7
LSD (P=.05)			3.9	.2	2.4	.4
(P=.01)			5.1	.2	3.1	.6
COEFFICIENT OF VARIATION			7.4	5.3	3.4	6.5

ENTRY NAMES		NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
R97022	R94037/X94328	15	31.2	130.0	32.1	44.2	44.0	94.5
R98026	X93314/X93334	3	28.5	118.7	30.2	43.6	43.0	93.0
R98016	I94006/X94330	1	28.0	116.4	28.8	33.8	44.0	95.5
I95322	ADAMS3518, BROOKS SMALL RED	19	27.3	113.6	30.8	39.7	42.0	95.0
R98015	I94006/X94330	5	26.9	111.8	28.0	33.6	42.0	96.5
R98014	I94006/X94330	2	26.6	110.8	27.4	32.0	45.0	95.0
R95474	X92310/X92351	18	25.7	106.9	28.1	40.6	42.0	93.0
I81076	SP//RM-35/N203,VIVA	20	25.3	105.1	26.5	30.4	46.0	94.0
R93116	X89408 / X89416	11	25.1	104.2	28.3	37.0	42.0	90.0
R95461	X92352/X92322	24	25.0	103.8	26.4	42.7	42.0	93.5
R98020	R94037/X94308	7	24.8	103.1	23.7	33.7	44.0	91.5
R94049	X91501/X91518	12	24.7	102.6	22.6	38.5	40.0	88.5
R95477	X92310/X92328	17	24.3	101.0	26.7	31.4	49.0	92.5
R96059	X92301/X92322	25	24.0	99.6	25.1	39.0	42.0	94.5
I99136	L94C356 CDBN(PK)AGCANADA-LEHBRIDGE	21	23.8	98.9	29.2	34.6	43.0	80.0
I98309	UI259 (RM)	23	23.4	97.3	23.4	39.4	43.0	94.0
I87024	NW63 USDA-WA(RM)	22	22.8	95.0	23.6	37.6	44.0	94.0
R94055	X91511/X91524	14	22.3	92.6	21.3	33.0	44.0	96.0
R98048	X91511/X91521	8	21.8	90.7	26.5	36.5	46.0	95.5
R95471	X92374/X92346	16	21.2	88.3	23.1	41.9	44.0	92.5
R98043	X93314/X93334	4	21.0	87.3	17.8	37.5	43.0	88.5
R98044	X93314/X93334	6	20.8	86.6	21.9	37.0	42.0	90.0
R98049	X91511/X91521	9	19.8	82.3	17.9	33.3	43.0	90.5
R94004	X91504/X91521	13	19.0	79.1	22.1	41.1	40.0	89.0
R98023	R93007/R93008	10	17.9	74.5	18.5	41.6	41.0	86.0
AVERAGE OF PRECEDING 25 MEANS			24.0	100.0	25.2	37.4	43.2	92.1
LSD (P=.05)			5.4	22.3	3.3	2.8	.0	1.2
(P=.01)			7.0	29.0	4.3	3.7	.0	1.6
COEFFICIENT OF VARIATION			15.8	15.8	9.4	5.4	.0	1.0

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
R97022 R94037/X94328	15	31.2	2.0	55.5	2.9
R98026 X93314/X93334	3	28.5	3.0	48.5	1.0
R98016 I94006/X94330	1	28.0	1.5	54.0	3.4
I95322 ADAMS3518, BROOKS SMALL RED	19	27.3	3.5	47.0	4.6
R98015 I94006/X94330	5	26.9	1.5	55.0	3.6
R98014 I94006/X94330	2	26.6	1.5	53.5	3.6
R95474 X92310/X92351	18	25.7	2.5	52.0	2.0
I81076 SP//RM-35/N203,VIVA	20	25.3	4.0	41.5	1.0
R93116 X89408/X89416	11	25.1	3.0	45.5	1.0
R95461 X92352/X92322	24	25.0	2.0	51.0	1.0
R98020 R94037/X94308	7	24.8	3.0	48.5	2.5
R94049 X91501/X91518	12	24.7	2.0	49.0	2.5
R95477 X92310/X92328	17	24.3	3.0	51.5	1.0
R96059 X92301/X92322	25	24.0	1.5	54.5	2.0
I99136 L94C356 CDBN(PK)AGCANADA-LEHBRIDGE	21	23.8	3.1	43.5	2.0
I98309 UI259 (RM)	23	23.4	3.5	43.0	1.1
I87024 NW63 USDA-WA(RM)	22	22.8	4.0	35.0	.9
R94055 X91511/X91524	14	22.3	1.0	52.5	.9
R98048 X91511/X91521	8	21.8	2.5	53.5	1.4
R95471 X92374/X92346	16	21.2	1.0	53.5	2.5
R98043 X93314/X93334	4	21.0	1.0	50.5	1.5
R98044 X93314/X93334	6	20.8	1.5	51.5	1.0
R98049 X91511/X91521	9	19.8	2.5	48.5	1.0
R94004 X91504/X91521	13	19.0	1.5	50.0	1.0
R98023 R93007/R93008	10	17.9	2.5	45.5	.9
AVERAGE OF PRECEDING 25 MEANS		24.0	2.3	49.4	1.9
LSD (P=.05)		5.4	.4	2.2	.7
(P=.01)		7.0	.5	2.8	.9
COEFFICIENT OF VARIATION		15.8	12.2	3.1	27.2

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
I99188 CHARDONNAY LRK ASGROW	30	43.7	136.0	44.2	64.9	35.0	96.4
I81061 SEL-CLRK,SAC	27	41.5	129.2	44.0	70.3	33.0	94.5
K90101 CHAR/2*MONT,RED HAWK	22	41.2	128.1	40.5	63.6	34.0	96.6
I90013 (LRK)UCD,CELRK	20	39.4	122.6	37.5	69.2	32.0	94.5
K93621 CALELRK/CHINOOK	1	37.7	117.4	41.5	65.6	35.0	97.1
I98321 I9602-8(LRK)USWA	10	37.5	116.7	39.1	64.2	33.0	94.8
I98324 I9602-45(LRK)USWA	11	37.3	116.1	37.5	69.3	33.0	95.5
K86012 CN49242/3*MONT//CHAR/ISABELLA, ISLES	24	36.8	114.6	37.2	74.6	37.0	95.9
I98301 AC CALMONT(DRK)AGCANADA-HARROW	28	35.6	110.8	38.0	67.1	38.0	93.0
K74002 MDRK/CN(3)-HBR(NEB#1),MONTCALM	25	35.4	110.3	33.4	68.4	37.0	98.6
K94601 CN49242/3*MONT//REDKLOUD,CHINOOK2000	18	34.9	108.6	36.8	62.5	37.0	97.8
I96407 NY 10195(LRK)CORNELL,REDKANNER	19	34.4	107.2	35.4	60.2	38.0	99.2
I86008 SVM WK,LASSEN	26	33.0	102.9	34.2	65.2	34.0	94.5
I93127 ASGROW (DRK),DRAKE	23	31.8	99.1	36.4	57.5	35.0	94.1
K97504 RED HAWK/FOX FIRE	9	31.6	98.4	32.7	62.5	38.0	99.7
K98954 DRAKE/K94813	13	30.8	95.9	33.1	64.6	38.0	98.5
I98333 WN9708-8(LRK)USWA	12	30.6	95.3	31.6	55.8	34.0	98.1
K90902 BEA/50B1807//LASSEN,BELUGA	21	30.2	94.0	30.5	66.4	36.0	100.1
K97305 RED HAWK/DRAKE	3	30.0	93.3	31.7	65.9	37.0	96.9
K98956 DRAKE/K94813	15	29.4	91.4	29.5	63.5	36.0	100.8
K97309 RED HAWK/K93644	6	29.3	91.1	27.2	66.2	36.0	100.9
K97306 RED HAWK/CELRK	4	29.2	91.0	30.8	71.7	38.0	98.7
K97302 RED HAWK/DRAKE	17	28.8	89.7	29.9	67.9	36.0	98.4
K97308 RED HAWK/CELRK	5	28.8	89.7	26.3	65.4	35.0	98.7
K98955 DRAKE/K94813	14	27.9	86.7	25.6	60.0	37.0	100.1
I99194 USWA-70USDA-PROSSER(WK)	29	27.1	84.4	28.3	77.1	38.0	100.6
K97330 DRAKE/ISLES	7	25.4	78.9	30.4	69.2	38.0	101.1
K97301 RED HAWK/DRAKE	2	23.9	74.4	23.4	62.2	37.0	99.5
K97503 RED HAWK/CELRK	8	20.8	64.7	21.8	61.8	39.0	99.6
K98958 CARDINAL/ALUBIA	16	19.8	61.5	18.6	69.3	36.0	98.3
AVERAGE OF PRECEDING 30 MEANS		32.1	100.0	32.9	65.7	36.0	97.8
LSD (P=.05)		5.2	16.2	3.1	3.7	.0	1.5
(P=.01)		6.8	21.1	4.0	4.8	.0	2.0
COEFFICIENT OF VARIATION		11.5	11.5	6.6	4.0	.0	1.1

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
I99188 CHARDONNAY LRK ASGROW	30	43.7	1.5	47.7	6.0
I81061 SEL-CLRK,SAC	27	41.5	1.0	44.9	4.5
K90101 CHAR/2*MONT,RED HAWK	22	41.2	2.5	46.3	5.5
I90013 (LRK)UCD,CELRK	20	39.4	2.0	46.7	5.0
K93621 CALELRK/CHINOOK	1	37.7	2.0	48.4	4.5
I98321 I9602-8(LRK)USWA	10	37.5	2.0	45.9	4.5
I98324 I9602-45(LRK)USWA	11	37.3	2.0	44.7	4.0
K86012 CN49242/3*MONT//CHAR/ISABELLA, ISLES	24	36.8	2.0	48.5	4.5
I98301 AC CALMONT(DRK)AGCANADA-HARROW	28	35.6	2.0	47.2	4.0
K74002 MDRK/CN(3)-HBR(NEB#1),MONTCALM	25	35.4	3.0	46.9	4.0
K94601 CN49242/3*MONT//REDKLOUD,CHINOOK2000	18	34.9	2.5	48.3	4.5
I96407 NY 10195(LRK)CORNELL,REDKANNER	19	34.4	3.0	48.8	4.0
I86008 SVM WK,LASSEN	26	33.0	2.0	46.2	5.0
I93127 ASGROW (DRK),DRAKE	23	31.8	2.0	45.4	5.0
K97504 RED HAWK/FOXFIRE	9	31.6	2.5	53.1	4.0
K98954 DRAKE/K94813	13	30.8	2.0	54.8	4.5
I98333 WN9708-8(LRK)USWA	12	30.6	3.0	44.7	4.0
K90902 BEA/50B1807//LASSEN,BELUGA	21	30.2	1.9	53.5	4.0
K97305 RED HAWK/DRAKE	3	30.0	2.6	47.7	4.5
K98956 DRAKE/K94813	15	29.4	2.4	53.6	3.0
K97309 RED HAWK/K93644	6	29.3	2.9	49.1	3.0
K97306 RED HAWK/CELRK	4	29.2	3.1	48.2	4.0
K97302 RED HAWK/DRAKE	17	28.8	3.5	48.0	3.0
K97308 RED HAWK/CELRK	5	28.8	3.6	44.9	3.0
K98955 DRAKE/K94813	14	27.9	3.0	53.5	3.0
I99194 USWA-70USDA-PROSSER(WK)	29	27.1	2.0	54.2	3.5
K97330 DRAKE/ISLES	7	25.4	2.1	53.7	4.0
K97301 RED HAWK/DRAKE	2	23.9	3.0	51.7	3.0
K97503 RED HAWK/CELRK	8	20.8	4.1	44.4	2.0
K98958 CARDINAL/ALUBIA	16	19.8	4.0	45.7	3.0
AVERAGE OF PRECEDING 30 MEANS		32.1	2.5	48.6	4.0
LSD (P=.05)		5.2	.4	1.8	.6
(P=.01)		6.8	.5	2.3	.8
COEFFICIENT OF VARIATION		11.5	11.7	2.6	11.4

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
C81008 T HORT	26	37.1	116.8	43.4	57.6	35.0	87.5
I99134 PR95-399-4,USWA,98T6802	30	36.5	114.9	43.9	55.8	35.6	88.5
C92166 MICRAN/UI-686	2	36.4	114.7	41.8	57.0	38.0	87.5
I97226 92-200-01(CRAN)	11	36.0	113.5	43.3	58.4	35.1	85.4
C97407 C92167/THORT	6	35.3	111.2	40.8	53.9	35.4	84.5
C81004 CRAN 425,CARDINAL	1	34.7	109.2	40.5	67.6	35.6	88.0
C96511 C93230/THORT	4	34.6	108.9	39.7	68.5	36.0	87.5
I98335 I9602-55(CRAN)USWA	20	34.5	108.8	38.5	57.5	34.0	85.0
I97222 92-197-06(CRAN)	8	33.8	106.4	39.8	63.1	34.9	88.5
I98336 I9602-66(CRAN)USWA	21	33.2	104.6	38.1	55.2	36.0	85.0
C98110 C93219/X94014	18	32.9	103.6	37.8	58.5	34.9	87.5
I97225 92-198-08(CRAN)	10	32.9	103.5	36.4	61.5	36.0	84.5
C98105 C93219/X94016	16	32.8	103.3	35.5	59.0	36.5	86.0
I98339 WN9709-32(CRAN)USWA	24	32.0	100.9	37.2	52.8	35.0	84.5
I98334 I9602-42(CRAN)USWA	19	31.9	100.6	36.6	60.3	34.5	85.0
C98103 C93219/X94016	14	31.8	100.1	36.1	57.8	35.9	87.0
I98337 WN9709-24(CRAN)USWA	22	31.4	98.8	33.2	54.4	36.0	87.0
I98338 WN9709-27(CRAN)USWA	23	31.3	98.7	35.2	61.4	35.4	87.5
I98340 WN9708-14(CRAN)USWA	25	31.1	97.9	35.1	61.1	35.1	84.5
I99133 PR95-400-5-1,USWA,98T6801	29	30.9	97.4	36.9	52.9	35.6	83.5
C98101 THORT/X94017	13	30.8	97.1	32.4	52.7	35.5	89.0
I92012 CRAN 09 GENTEC	27	30.5	96.0	36.2	55.0	36.5	87.5
C97409 C92167/THORT	7	30.3	95.4	30.9	53.6	36.1	85.0
C98104 C93219/X94016	15	30.0	94.6	31.9	52.4	36.9	85.5
I97229 92-200-12(CRAN)	12	29.8	94.0	30.7	62.0	34.0	86.0
C96505 C92119/THORT	3	29.0	91.3	31.2	66.4	37.5	87.5
C98106 C93219/X94016	17	28.2	88.7	30.8	58.6	36.9	85.5
C97405 C92119/THORT	5	27.4	86.3	31.3	61.3	35.5	84.0
I97224 92-197-02-14(CRAN)	9	25.5	80.2	26.0	65.7	36.5	90.9
I96417 G122 MAGNUSON(CRAN)	28	19.8	62.3	21.0	48.3	38.6	91.5
AVERAGE OF PRECEDING 30 MEANS		31.7	100.0	35.7	58.3	35.8	86.6
LSD (P=.05)		5.0	15.7	3.8	3.8	.7	.8
(P=.01)		6.5	20.5	4.9	4.9	.9	1.1
COEFFICIENT OF VARIATION		11.1	11.1	7.5	4.6	1.4	.7

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
C81008 T HORT	26	37.1	1.5	46.0	4.0
I99134 PR95-399-4,USWA,98T6802	30	36.5	1.5	46.0	4.5
C92166 MICRAN/UI-686	2	36.4	2.5	47.0	4.5
I97226 92-200-01(CRAN)	11	36.0	1.0	43.0	4.0
C97407 C92167/THORT	6	35.3	1.5	45.0	5.5
C81004 CRAN 425,CARDINAL	1	34.7	2.0	46.5	4.9
C96511 C93230/THORT	4	34.6	1.5	46.5	5.6
I98335 I9602-55(CRAN)USWA	20	34.5	1.0	45.5	4.5
I97222 92-197-06(CRAN)	8	33.8	2.0	47.5	5.0
I98336 I9602-66(CRAN)USWA	21	33.2	1.0	44.5	5.4
C98110 C93219/X94014	18	32.9	1.0	48.5	5.0
I97225 92-198-08(CRAN)	10	32.9	1.5	41.5	4.0
C98105 C93219/X94016	16	32.8	1.0	46.0	4.0
I98339 WN9709-32(CRAN)USWA	24	32.0	1.0	42.5	4.0
I98334 I9602-42(CRAN)USWA	19	31.9	1.0	43.5	3.1
C98103 C93219/X94016	14	31.8	1.5	47.5	4.5
I98337 WN9709-24(CRAN)USWA	22	31.4	1.0	44.0	4.9
I98338 WN9709-27(CRAN)USWA	23	31.3	1.5	47.0	4.0
I98340 WN9708-14(CRAN)USWA	25	31.1	1.0	42.5	3.5
I99133 PR95-400-5-1,USWA,98T6801	29	30.9	2.5	45.5	5.0
C98101 THORT/X94017	13	30.8	1.5	46.5	4.0
I92012 CRAN 09 GENTEC	27	30.5	2.0	45.5	3.5
C97409 C92167/THORT	7	30.3	1.0	43.0	4.5
C98104 C93219/X94016	15	30.0	1.0	44.5	3.5
I97229 92-200-12(CRAN)	12	29.8	2.0	44.0	3.5
C96505 C92119/THORT	3	29.0	1.5	48.5	5.6
C98106 C93219/X94016	17	28.2	1.0	45.5	5.0
C97405 C92119/THORT	5	27.4	2.0	46.0	4.0
I97224 92-197-02-14(CRAN)	9	25.5	2.0	48.0	3.9
I96417 G122 MAGNUSON(CRAN)	28	19.8	1.5	50.0	3.4
AVERAGE OF PRECEDING 30 MEANS		31.7	1.5	45.6	4.4
LSD (P=.05)		5.0	.3	1.2	.5
(P=.01)		6.5	.4	1.6	.6
COEFFICIENT OF VARIATION		11.1	16.2	1.9	8.0

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY
C97537 C92119/MICRAN	14	26.1	127.0	27.0	55.8	46.0	100.0
C96416 C93230/MICRAN	4	23.6	114.9	24.1	61.9	45.0	99.5
C66001 MICRAN	16	23.3	113.7	26.3	57.4	42.0	101.0
C97528 C92119/THORT	11	22.7	110.4	23.9	72.6	44.0	97.2
C97524 C93230/MICRAN	10	22.6	110.3	24.1	59.6	42.0	95.6
C97536 C92119/MICRAN	13	21.9	106.5	21.6	62.0	46.0	99.4
C96423 C93226/MICHRAN	5	21.5	104.6	19.1	61.2	45.0	96.6
C92130 CARDINAL/UI686/3/BEA/P86253//CARDINAL	1	21.4	104.0	21.9	63.7	44.0	94.0
C97514 C92118/MICRAN	8	20.7	100.8	18.7	73.7	42.0	95.6
C97516 C92118/MICRAN	9	20.3	98.9	18.4	67.0	44.0	99.9
C97529 C92119/THORT	12	19.1	93.0	17.6	64.5	41.0	95.7
C96426 C92119/MICRAN	6	18.8	91.7	20.6	58.2	42.0	97.8
C96429 C93253/MICRAN	7	18.1	87.9	18.0	62.2	42.0	95.5
C96409 C92118/MICRAN	3	17.1	83.2	19.2	71.0	42.0	95.5
I97230 92-242-01 (CRAN)	15	16.7	81.5	19.0	65.1	41.0	94.3
C96405 C92102/MICRAN	2	14.7	71.6	17.6	52.4	42.0	95.9
AVERAGE OF PRECEDING 16 MEANS		20.5	100.0	21.1	63.0	43.1	97.1
LSD (P=.05)		4.2	20.3	2.1	3.3	.0	1.4
(P=.01)		5.4	26.4	2.8	4.3	.0	1.9
COEFFICIENT OF VARIATION		14.3	14.3	7.1	3.7	.0	1.1

ENTRY NAMES	NO.	YIELD CWT /ACRE	LODGING	HEIGHT	DES. SCORE
C97537 C92119/MICRAN	14	26.1	5.0	43.0	4.5
C96416 C93230/MICRAN	4	23.6	5.0	42.0	4.0
C66001 MICRAN	16	23.3	5.0	42.5	3.5
C97528 C92119/THORT	11	22.7	5.0	42.5	4.1
C97524 C93230/MICRAN	10	22.6	3.0	47.0	5.0
C97536 C92119/MICRAN	13	21.9	5.0	43.0	4.0
C96423 C93226/MICHRAN	5	21.5	5.0	42.0	3.1
C92130 CARDINAL/UI686/3/BEA/P86253//CARDINAL	1	21.4	4.0	43.5	4.5
C97514 C92118/MICRAN	8	20.7	4.0	43.0	4.0
C97516 C92118/MICRAN	9	20.3	5.0	44.0	4.0
C97529 C92119/THORT	12	19.1	3.0	48.0	5.5
C96426 C92119/MICRAN	6	18.8	4.5	42.5	3.0
C96429 C93253/MICRAN	7	18.1	4.5	43.0	3.9
C96409 C92118/MICRAN	3	17.1	4.0	43.0	2.9
I97230 92-242-01 (CRAN)	15	16.7	3.5	45.0	2.5
C96405 C92102/MICRAN	2	14.7	4.0	44.5	3.0
AVERAGE OF PRECEDING 16 MEANS		20.5	4.3	43.7	3.8
LSD (P=.05)		4.2	.3	.9	.4
(P=.01)		5.4	.3	1.2	.6
COEFFICIENT OF VARIATION		14.3	4.1	1.5	7.8

ENTRY NAMES		NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	100 SEED WT.	DAYS TO FLOWER	DISEASE INCIDENCE	DISEASE SEVERITY
P94207	P90557/G91213, KODIAK	28	44.3	126.4	42.8	42.0	54.4	33.1
I94210	MIDNIGHT/SEAFARER,U.GUELPH, LASER	1	43.8	125.0	22.3	41.0	5.6	2.2
B95204	RAVEN/N90618, PHANTOM	40	42.2	120.4	25.6	45.0	17.8	7.2
95T7019	HURON/NEWPORT	59	42.0	119.9	21.8	38.0	26.7	14.7
I98307	ACCOMPASS(NAVY)AGCANADA-HARROW	13	41.4	118.0	23.2	40.0	15.6	10.3
I97248	N85027/3/8104908/8214721//N85007,ND91-076-01,ARTHUR	4	41.1	117.1	22.3	41.0	31.1	11.7
I97246	NORSTAR/86-037-01-01//N85104(T624)ND89-151-46-02	3	41.0	117.1	20.3	44.0	42.2	21.9
I98311	OAC SILVERCREEK	14	40.6	115.8	23.2	44.0	43.3	26.4
B98311	X98102/RAVEN	33	40.5	115.6	28.5	44.0	43.3	21.9
97T9055	BUNSI/NEWPORT	52	40.0	114.2	26.0	44.0	21.1	10.8
G97943	G93414/G93441	44	40.0	114.1	35.2	40.0	32.2	20.6
N90618	MAYFLOWER/CRESTWOOD	18	40.0	114.0	24.1	43.0	33.3	14.7
G93414	MATTERHORN, ALPINE/4/WM1-85-56/2*SIERRA/3/WM1-85-45/	8	39.9	113.9	34.6	39.0	67.8	46.1
95T7025	HURON/NEWPORT	61	39.8	113.6	25.9	43.0	55.6	27.0
I97234	OAC THUNDER UNIV GUELPH	22	39.7	113.3	24.5	43.0	46.7	25.6
97T9010	BUNSI/NEWPORT	50	39.6	113.1	23.0	44.0	12.2	4.7
97T9030	BUNSI/NEWPORT	51	39.6	113.0	23.9	43.0	54.4	28.9
N97774	BUNSI/HURON	25	39.0	111.3	24.8	36.0	14.5	5.8
B95556	B90211/N90616, JAGUAR	34	39.0	111.2	23.8	44.0	37.8	18.1
I96903	96RS131(PT)93T1405/92BR3-1006, BDM-RMR-11	43	37.9	108.0	44.6	42.0	32.2	16.4
B96638	B93104/BLACKHAWK	41	37.8	107.9	24.2	44.0	41.1	23.1
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	17	37.6	107.3	23.9	44.0	68.9	37.5
N97759	BUNSI/HURON	27	37.4	106.7	24.7	40.0	7.8	3.3
I96460	WM 3-94-6(GN)	21	37.2	106.3	40.5	44.0	65.6	43.6
I95331	I9365-5-PK(TARS)	10	36.9	105.2	33.1	45.0	48.9	25.0
N93296	N90435/AVANTI,MACKINAC	36	36.6	104.5	23.2	42.0	34.4	17.2
K90101	CHAR/2*MONT,RED HAWK	29	36.4	103.8	58.9	38.0	20.0	6.4
97T9110	BUNSI/NEWPORT	53	36.1	103.0	32.0	43.0	31.1	11.7
I81010	JAPON3/MAGDALENE,BUNSI	6	36.0	102.7	24.5	41.0	46.7	21.1
N90563	C-20/HAROKENT,HURON	37	36.0	102.7	23.9	42.0	43.3	19.4
K94601	CN49242/3*MONT//REDKLOUD,CHINOOK2000	35	36.0	102.6	43.4	38.0	53.3	25.6
I95329	92BG-7(TARS)	12	35.9	102.5	44.6	45.0	13.3	8.3
N94080	SCHOONER/N90460	38	35.8	102.0	20.5	42.0	87.8	48.6
N98123	B93102/N90618	32	35.5	101.4	22.3	43.0	72.2	45.3
I99150	I139 GUELPH(NAVY)	45	35.4	101.1	22.3	41.0	68.9	38.9

ENTRY NAMES	NO.	YIELD CWT /ACRE	PERCENT SITE MEAN	100 SEED WT.	DAYS TO FLOWER	DISEASE INCIDENCE	DISEASE SEVERITY
95T7024 HURON/NEWPORT	60	34.6	98.6	24.3	44.0	41.1	21.7
N97768 BUNSI/HURON	26	34.3	98.0	17.6	43.0	11.1	3.6
I99153 I148 GUELPH (NAVY)	48	34.0	96.9	23.4	42.0	56.7	31.4
I89011 RB (GN), BERYL	9	33.9	96.8	35.2	38.0	91.1	70.3
I81066 SEL-BTS, T39	20	33.9	96.7	22.4	43.0	33.3	16.1
I95317 ND-88-106-04 (NAVY)	16	33.9	96.6	23.0	40.0	52.2	29.7
I92919 JAMAPA/BUNSI NAVY WIS	5	33.4	95.4	21.0	43.0	40.0	20.3
I99152 I147 GUELPH (NAVY)	47	33.0	94.1	24.2	39.0	35.6	16.4
95T7010 HURON/NEWPORT	58	32.8	93.6	21.4	40.0	15.6	6.1
I84002 NW410//VICTOR/AURORA, GH215, USDA-WA, OTHELLO	2	32.4	92.4	39.8	35.0	55.6	35.8
I99154 I222 GUELPH (NAVY)	49	32.1	91.6	22.2	41.0	54.5	27.8
G97918 G93414/G93401	42	31.8	90.8	34.5	40.0	73.3	49.7
95T7020 HURON/NEWPORT	64	31.2	88.9	21.1	39.0	76.7	51.4
I95319 STINGER	15	31.1	88.6	24.3	43.0	53.3	30.8
I99151 I145 GUELPH (NAVY)	46	30.9	88.1	23.7	42.0	65.6	35.3
N91401 61627/2W33-2//C-20, 1990 MAYFLOWER	19	30.9	88.1	21.8	40.0	66.7	35.0
N97767 BUNSI/HURON	24	30.4	86.6	19.3	41.0	14.4	6.9
C97407 C92167/THORT	31	29.9	85.4	56.0	37.0	54.5	40.8
95T7005 HURON/NEWPORT	63	29.8	84.9	19.7	43.0	78.9	53.9
N97772 BUNSI/HURON	23	29.4	83.9	18.7	39.0	26.7	11.7
K74002 MDRK/CN(3)-HBR (NEB#1), MONTCALM	30	29.3	83.5	65.8	39.0	42.2	19.7
97T9087 BUNSI/NEWPORT	57	28.9	82.4	23.1	43.0	66.7	42.2
97T9044 BUNSI/NEWPORT	55	28.9	82.4	20.8	40.0	27.8	14.7
I96417 G122 MAGNUSON (CRAN)	7	28.7	81.9	48.2	36.0	8.9	3.1
95T7001 HURON/NEWPORT	62	28.2	80.6	20.6	43.0	80.0	63.3
97T9050 BUNSI/NEWPORT	56	25.8	73.6	22.3	39.0	74.5	45.8
N90599 N85606/HAROKENT, NEWPORT	39	20.2	57.8	21.2	40.0	77.8	44.4
97T9009 BUNSI/NEWPORT	54	16.5	47.2	18.2	44.0	77.8	43.6
I90916 PC-50 LG. RED MOTTLED	11	NA*	NA	NA	50.0	10.0	3.9
AVERAGE OF PRECEDING 64 MEANS		35.0	100.0	27.8	41.5	44.6	25.3
LSD (P=.05)		6.9	19.8	10.2	.0	23.8	35.4
COEFFICIENT OF VARIATION		12.1	12.1	22.4	.0	49.1	58.3

\* NA- Line not harvested, due to late maturity.