

2010 DRY BEAN YIELD TRIALS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	ENTRIES	DESIGN	REPS	HARVEST METHOD
0101	STANDARD NAVY BEAN YIELD TRIAL	06/10/10	SVR&EC	FRANKENMUTH	36	SQ. LATTICE	4 DIRECT HARVESTED
0102	STANDARD BLACK BEAN YIELD TRIAL	06/10/10	SVR&EC	FRANKENMUTH	64	SQ. LATTICE	4 DIRECT HARVESTED
0103	PRELIMINARY NAVY&BLACK YLD TRIAL-1	06/10/10	SVR&EC	FRANKENMUTH	16	SQ. LATTICE	3 DIRECT HARVESTED
0104	PRELIMINARY NAVY&BLACK YLD TRIAL-2	06/10/10	SVR&EC	FRANKENMUTH	56	REC. LATTICE	2 DIRECT HARVESTED
0105	STANDARD GREAT NORTHERN YIELD TRIAL	06/10/10	SVR&EC	FRANKENMUTH	36	SQ. LATTICE	4 DIRECT HARVESTED
0106	STANDARD TEBO BEAN YIELD TRIAL	06/10/10	SVR&EC	FRANKENMUTH	12	REC. LATTICE	4 DIRECT HARVESTED
0107	STANDARD PINTO BEAN YIELD TRIAL	06/11/10	SVR&EC	FRANKENMUTH	64	SQ. LATTICE	4 DIRECT HARVESTED
0108	STANDARD PINK & SMALL RED YLD TRIAL	06/11/10	SVR&EC	FRANKENMUTH	30	REC. LATTICE	4 DIRECT HARVESTED
0109	MIDWEST & CO-OP. REGIONAL TRIAL	06/11/10	SVR&EC	FRANKENMUTH	42	REC. LATTICE	3 DIRECT HARVESTED
0116	PRELIMINARY GREAT NORTHERN YLD TRIAL	06/11/10	SVR&EC	FRANKENMUTH	20	REC. LATTICE	2 DIRECT HARVESTED
0117	CONAGRA NAVY BEAN QUALITY TRIAL	06/11/10	SVR&EC	FRANKENMUTH	08	RCBD	4 DIRECT HARVESTED
0118	CONAGRA PINTO BEAN QUALITY TRIAL	06/11/10	SVR&EC	FRANKENMUTH	14	RCBD	4 DIRECT HARVESTED
0210	STANDARD BUSH CRANBERRY YIELD TRIAL	06/21/10	ENTRICAN	MONTCALM	25	SQ. LATTICE	4 ROD PULLED
0211	STANDARD BUSH KIDNEY YIELD TRIAL	06/21/10	ENTRICAN	MONTCALM	42	REC. LATTICE	4 ROD PULLED
0212	WHITE MOLD NATIONAL YIELD TRIAL	06/21/10	ENTRICAN	MONTCALM	64	SQ. LATTICE	3 ROD PULLED
0213	WHITE MOLD GENETIC TRIAL-1	06/21/10	ENTRICAN	MONTCALM	96	RCBD	3 ROD PULLED
0214	WHITE MOLD GENETIC TRIAL-2	06/21/10	ENTRICAN	MONTCALM	96	RCBD	3 ROD PULLED
0420	PLH TOLERANCE TRIAL	06/18/10	CAMPUS	E. LANSING	80	RCBD	3 DIRECT HARVESTED
0915	ORGANIC YIELD TRIAL-NAVY & BLACK	06/17/10	WISNER	TUSCOLA	36	SQ. LATTICE	4 DIRECT HARVESTED

SVR&EC: SAGINAW VALLEY RESEARCH & EXTENSION CENTER

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.

FRANKENMUTH:FERTILIZER BROADCAST: 200 POUNDS OF 19-19-19 + 2% MN + 1% ZN PRIOR TO PLANTING.

HERBICIDES APPLIED: 1.25 QT DUAL + 2 QT. EPTAM APPLIED PPI.

PESTICIDES APPLIED: 3.0 OZ. WARRIOR ON JULY 15.

ENTRICAN: FERTILIZER BROADCAST: 200 POUNDS OF 19-19-19 PRIOR TO PLANTING. 50 POUNDS 46-0-0 SIDE DRESSED ON JULY 21.

HERBICIDES APPLIED: 2 PT. SONALAN + 1.25 QT EPTAM + 2PT. DUAL APPLIED PPI.

PESTICIDES APPLIED: 3.0 OZ. WARRIOR ON JULY 30.

IRRIGATION APPLIED: 3.7 INCHES ON WHITE MOLD TRIALS - 6 APPLICATIONS; 3.2 INCHES ON STANDARD YIELD TRIALS - 5 APPLICATIONS

E. LANSING: FERTILIZER: 75 POUNDS 46-0-0 SIDE DRESSED ON AUGUST 5.

HERBICIDES APPLIED: 2 PT. SONALAN + 1.25 QT EPTAM + 2PT. DUAL APPLIED PPI.

EXPERIMENT 0101 STANDARD NAVY YIELD TRIAL					PLANTING DATE 06/10/10				
ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N09175	N05311/B05055	17	19.4	21.9	41.0	89.1	1.0	50.3	6.0
N09174	N05311/B05055	20	18.2	22.3	41.0	88.4	1.0	50.6	5.9
N08003	N00844/N02237	3	17.9	20.9	39.0	88.2	1.0	49.2	5.5
I10103	OAC 7-2	36	17.4	20.8	37.0	89.9	1.5	47.0	4.0
N09021	N05319/B04316	23	17.3	19.8	37.5	87.3	1.0	48.3	5.5
N09045	N05311/B05034	22	16.8	20.1	40.0	88.1	1.0	47.5	5.0
N08004	N00844/N02237	5	16.7	18.7	39.5	86.6	1.0	47.5	5.1
N05324	N00838/N00809//N00792	2	16.6	20.8	38.5	88.3	1.0	49.8	5.5
N09020	N05319/B04316	25	16.3	19.3	39.0	87.2	1.0	47.7	4.6
I10101	COOP 02084	35	16.2	22.2	38.0	87.8	1.0	49.2	4.9
N09046	B04554/N05357	34	16.1	18.8	40.5	90.2	1.5	50.5	5.0
N09054	N04152/N05346	26	15.3	20.4	37.5	87.0	1.0	48.9	5.4
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	1	15.2	20.6	38.0	90.5	2.0	50.5	4.9
I08902	HYLAND T9905	4	14.8	22.2	37.0	89.8	1.0	49.0	4.0
N08007	N01792/N03614	9	14.6	18.3	41.5	87.1	1.0	48.2	5.5
N09104	N05311/B05055	29	14.5	19.4	41.5	87.2	1.0	48.3	4.9
N09050	N04154/N00833	31	14.2	18.1	40.5	86.6	1.0	45.6	4.0
N06702	N00809//B95556*2/I93154	8	14.0	19.3	40.5	86.3	1.0	47.2	3.5
N07007	N03614/N00844	11	13.9	17.3	38.0	86.8	1.0	46.7	4.1
N08002	N00844/N02237	6	13.9	19.7	38.0	88.3	1.0	47.8	5.0
I06271	ND012103, AVALANCHE	14	13.7	20.6	38.5	90.2	2.0	48.9	4.9
N07009	N03614/N00844	12	13.6	21.5	39.5	88.0	1.0	50.0	5.1
N09044	N05311/X06121	30	13.5	18.3	41.5	89.2	1.0	47.9	4.6
N09056	N04152/N05346	15	13.3	19.9	40.0	88.1	1.0	47.7	4.6
N09055	N04152/N05346	32	12.9	18.3	39.5	87.0	1.0	47.4	4.0
N09059	N04141/N05317	13	12.9	19.3	40.0	89.2	1.0	49.7	5.4
N09038	B04316/B00101	21	12.8	21.2	35.5	87.8	2.0	48.6	4.9
N09041	B05070/B05044	18	12.4	20.5	38.5	87.9	2.0	48.7	4.4
N09053	N04154/I04101	19	12.2	20.3	41.5	87.3	1.0	45.8	3.6
N09034	B05055/B05070	16	12.0	20.8	37.0	87.2	1.0	48.7	4.1
N09035	B05055/B05070	24	11.5	19.9	38.5	88.3	1.5	48.4	4.0
I08958	MEDALIST	7	11.5	20.0	38.5	91.2	2.0	50.7	4.0
N09039	B05070/B05040	27	11.4	20.4	36.5	87.9	1.0	47.9	3.6
N09106	N04109/B05055	33	10.6	17.3	36.0	86.5	1.0	44.5	4.0
N09037	B04316/B00101	28	10.5	20.2	38.5	86.6	1.0	47.9	3.9
I08903	LIGHTNING	10	9.0	18.8	38.5	92.6	1.5	49.7	3.1
AVERAGE OF PRECEDING 36 MEANS			14.3	20.0	38.9	88.2	1.2	48.4	4.6
LSD (P=.05)			2.5	1.2	1.4	0.9	0.2	0.9	0.4
LSD (P=.01)			3.2	1.6	1.8	1.2	0.2	1.2	0.5
COEFFICIENT OF VARIATION (%)			12.2	4.3	2.5	0.8	11.2	1.4	6.3

EXPERIMENT 0102 STANDARD BLACK YIELD TRIAL

PLANTING DATE 06/10/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B09174	N05311/B05055	15	19.2	25.7	42.5	88.0	1.0	49.0	6.0
B09128	B05055/B05044	14	18.3	19.0	40.0	86.8	1.0	48.3	4.6
B04554	B00103 */ X00822, ZORRO	5	18.2	19.1	41.0	88.9	1.0	48.4	4.9
B09208	B04644/B04588	63	17.8	21.0	41.0	86.5	1.0	46.0	5.0
B09135	B04316/B05040	12	17.7	20.6	41.0	88.8	1.0	49.8	6.1
B09175	N05311/B05055	13	17.6	25.1	39.5	87.7	1.0	48.1	5.1
I10102	LORETO	11	17.6	22.2	40.0	89.2	1.0	48.7	4.5
B09188	B05054/B04588	37	17.2	22.9	42.0	89.9	1.0	49.1	5.4
B09166	B04554/B04587	55	17.2	20.9	41.5	87.3	1.0	47.2	5.5
B09200	B04444/B05044	43	17.2	17.7	40.0	88.1	1.0	49.6	4.9
B09129	B05055/B04587	30	17.1	20.0	42.0	86.8	1.0	47.7	4.9
I81066	SEL-BTS, T39	9	17.1	20.6	42.0	88.6	2.0	48.7	4.6
B09202	B04444/B04588	42	17.0	19.6	40.5	87.1	1.0	46.7	4.5
I03390	ND9902621-2, ECLIPSE	2	17.0	20.2	38.5	86.2	1.0	47.5	4.6
B09194	B05055/B05044	34	16.9	18.1	42.5	88.5	1.0	47.5	5.6
B09196	B05055/B04588	38	16.8	21.2	39.0	89.1	1.0	46.5	4.0
B09138	B05054/B04588	17	16.8	23.1	41.0	87.9	1.0	47.4	5.5
I07116	B201240, SHANIA	8	16.8	20.6	41.0	90.0	1.0	49.1	4.6
B08102	B01792/B02549	4	16.8	21.2	41.5	87.0	1.0	46.1	5.1
B09184	B04349/B05001	33	16.8	17.9	38.0	89.3	1.0	47.4	5.1
B09198	B05055/B04587	45	16.6	19.6	39.5	88.0	1.0	48.4	5.4
B09165	B04554/B04587	47	16.5	20.2	40.5	86.6	1.0	48.1	4.5
B09170	B04554/B04587	41	16.5	19.3	42.0	88.9	1.0	46.9	5.4
B09136	B04316/B05040	27	16.3	21.8	39.0	87.5	1.0	47.3	5.4
B09224	B05054/B04588	61	16.3	23.2	40.5	87.0	1.0	46.9	5.0
I08907	BLACK VELVET	7	16.3	24.8	41.5	91.0	1.0	49.0	4.1
B09183	B04349/B05001	40	16.2	17.4	38.5	87.3	1.0	47.4	4.9
B09210	B04644/B04588	51	16.1	20.7	41.0	86.6	1.0	45.7	4.2
B09203	B05054/B04588	35	16.1	21.8	40.5	86.1	1.0	45.6	4.1
B09164	B04554/B04587	57	16.0	19.4	42.0	87.0	1.0	48.5	4.5
B09104	N05311/B05055	18	16.0	20.6	40.0	86.5	1.0	47.1	5.0
B05055	34-27/JAGUAR*2/SEL 1308//HR45/KABOON	3	16.0	20.6	41.0	87.4	1.0	45.9	4.1
B09209	B04644/B04588	62	15.9	21.9	39.0	86.9	1.0	47.3	5.5
B09199	B05055/B04587	39	15.9	22.3	41.5	87.3	1.0	46.2	5.3
B09119	B04554/X06127	21	15.9	19.6	42.0	86.1	1.0	47.1	4.7

EXPERIMENT 0102 STANDARD BLACK YIELD TRIAL

PLANTING DATE 06/10/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B09120	B04554/X06127	22	15.8	19.7	40.5	87.0	1.0	47.1	4.0
B09171	B04554/B04587	46	15.4	19.2	41.5	87.0	1.0	47.0	5.0
B95556	B90211/N90616, JAGUAR	10	15.4	19.0	42.0	86.0	1.0	46.0	4.0
B09130	B05055/B04587	28	15.4	19.3	39.0	85.9	1.0	45.9	5.0
B09201	B04444/B05044	44	15.3	17.2	42.0	89.4	1.5	49.4	5.3
B05066	B98304//N99216/I00752	1	15.2	19.1	40.5	86.6	1.0	46.6	5.1
B00101	PHANTOM/BLACKJACK, CONDOR	6	15.2	20.8	39.5	89.0	1.5	48.5	5.0
B09223	B05054/B04588	53	15.2	22.4	42.0	86.6	1.0	45.7	4.1
B04644	B98306 // B95556 / I99229	64	15.1	20.6	42.0	86.6	1.0	47.5	4.9
B09126	B04349/B05044	23	15.1	19.0	40.0	86.9	1.0	46.9	4.5
B09125	B04349/B05055	24	15.0	17.6	42.5	85.9	1.0	45.3	4.3
B09195	B05055/B04588	54	15.0	21.8	40.5	89.0	1.0	46.9	4.6
B09185	B05055/B04587	60	14.9	18.8	40.5	86.0	1.0	44.4	4.0
B09143	B04554/B04588	26	14.8	20.8	40.0	90.0	1.0	48.1	4.5
B09204	B05054/B04588	36	14.8	21.3	39.0	87.8	1.0	46.3	4.8
B09134	B04316/B05070	25	14.8	21.5	43.5	89.5	1.0	48.0	5.0
B09131	B05055/B04587	20	14.5	20.0	40.5	87.1	1.0	46.6	4.5
B09172	B04554/B04587	48	14.5	20.5	41.0	87.2	1.0	47.2	4.4
B09160	B05055/X07723	19	14.3	20.5	42.0	86.6	1.0	45.6	4.6
B09127	B05055/B04316	16	14.3	19.8	39.0	86.6	1.0	45.6	4.5
B09176	N04109/B05055	56	14.2	23.4	40.5	88.5	1.0	46.9	4.0
B09197	B05055/B04588	32	14.2	20.2	40.0	87.9	1.0	45.4	4.0
B09186	B05054/B04588	52	13.6	18.1	41.0	86.3	1.0	45.8	4.5
B09178	B04554/N05357	49	13.3	20.3	42.0	87.2	1.0	46.1	4.9
B09110	B04554/N05357	29	13.2	17.5	37.0	86.7	1.0	45.7	4.5
B09113	I06281/N06705	31	13.2	18.8	39.5	85.9	1.0	45.0	4.1
B09182	I06281/N06705	59	11.9	19.3	42.0	86.4	1.0	45.0	4.4
B09179	I06281/N06705	58	11.5	18.8	40.0	86.5	1.0	43.6	4.0
B09222	B05053/B04588	50	11.4	19.5	41.5	89.5	1.0	46.1	3.9
AVERAGE OF PRECEDING 64 MEANS			15.7	20.4	40.7	87.6	1.0	47.0	4.7
LSD (P=.05)			2.9	1.1	1.1	0.8	0.1	0.8	0.4
LSD (P=.01)			3.7	1.4	1.5	1.1	0.1	1.0	0.5
COEFFICIENT OF VARIATION (%)			12.8	3.8	1.9	0.7	6.8	1.1	6.2

EXPERIMENT 0103 PRELIMINARY NAVY AND BLACK YIELD TRIAL		PLANTING DATE 06/10/10							
ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT	DES. SCORE	
I09213	ZORRO*/TACANA/VAX6 (08IS8715)	6	17.5	26.3	42.5	87.5	1.0	48.5	5.0
B10202	N05311/X06121	12	16.6	24.2	39.5	87.5	1.0	47.6	5.0
I09216	ZORRO*/TACANA/VAX6 (08IS8748)	9	16.0	24.5	39.0	88.5	1.0	47.1	4.0
I09215	ZORRO*/TACANA/VAX6 (08IS8736)	8	15.9	25.8	41.5	88.5	1.0	47.6	4.5
B10203	B05054/B04588	13	15.9	21.8	39.0	87.4	1.0	46.0	4.0
I10107	RELIANT (GTS 554)	16	15.7	20.5	40.0	89.0	1.5	48.3	4.0
I08958	MEDALIST	14	15.6	21.7	37.5	91.0	2.0	50.8	5.0
B04554	B00103* / X00822, ZORRO	15	15.5	19.6	41.5	88.5	1.0	48.5	5.0
I09212	ZORRO*/TACANA/VAX6 (08IS8714)	5	15.0	27.2	43.0	88.0	1.0	43.4	4.0
B10201	N05311/B05055	11	15.0	22.7	39.0	87.6	1.0	48.9	5.0
I09129	PR0443-151 (BLK) (RR, Low-N, No I-gene)	3	14.8	21.5	43.0	90.0	2.0	50.0	5.0
I09211	ZORRO*/TACANA/VAX6 (08IS8705)	4	14.6	23.4	39.5	88.0	1.0	47.6	4.5
I09214	ZORRO*/TACANA/VAX6 (08IS8727)	7	13.8	27.3	41.0	89.0	1.0	48.0	4.0
I09218	BelMiDakRMR10/B01741//BAT 477/L88-63/3/Black Rhino/SEN10 (08IS8790) NAVY	2	13.7	26.1	39.5	89.5	1.0	49.0	4.0
N10101	N04109/B05044	1	12.1	14.1	37.0	89.5	1.0	48.6	4.0
I09217	ZORRO*/TACANA/VAX6 (08IS8754)	10	11.9	26.3	40.5	93.5	1.0	47.6	4.0
AVERAGE OF PRECEDING 16 MEANS			15.0	23.3	40.2	88.9	1.2	48.0	4.4
LSD (P=.05)			2.9	1.0	1.9	2.2	0.2	1.6	0.3
LSD (P=.01)			3.8	1.3	2.4	2.8	0.3	2.1	0.4
COEFFICIENT OF VARIATION (%)			12.0	2.6	2.9	1.5	10.8	2.1	4.1

EXPERIMENT 0104 PRELIMINARY NAVY AND BLACK YIELD TRIAL

PLANTING DATE 06/10/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B10240	B04591/B05039	46	18.5	19.3	41.0	86.0	1.0	45.0	5.0
N10104	N05319//N05311/N04109	3	16.5	21.7	40.0	88.0	1.0	48.5	5.0
B10244	B04610/N05346	50	16.5	23.0	42.0	87.5	1.0	48.0	5.5
B10225	B04644//B05055/B05044	31	16.3	23.9	39.0	86.0	1.0	46.0	4.0
N10108	N05311/B04587	7	16.0	23.6	40.5	89.5	1.5	50.0	5.5
B04554	B00103 */ X00822, ZORRO	56	15.8	18.4	42.0	88.5	1.0	49.0	5.0
B10243	B04610/N05346	49	15.4	18.5	42.0	87.0	1.0	49.0	5.0
B10246	B05039/ZORRO	52	15.3	20.7	42.5	87.5	1.0	48.5	5.5
B10245	B05039/ZORRO	51	15.1	18.3	41.5	88.0	1.0	49.0	6.0
B10227	B05055/N05324	33	15.0	23.2	41.5	88.5	1.0	50.0	4.5
B10206	N04120/ZORRO	12	14.9	22.6	42.0	87.0	1.0	47.0	4.5
N10109	B05055/N05324	8	14.8	19.4	38.5	90.5	1.5	50.5	5.0
B10222	B05052//B04349/B05044	28	14.7	22.5	45.0	86.0	1.0	47.0	4.5
B95556	B90211/N90616, JAGUAR	55	14.4	18.8	40.0	87.0	1.0	48.0	5.0
B10233	B04644/B190	39	14.3	20.9	42.0	88.0	1.0	46.0	4.5
N10103	N05319//N05311/N04109	2	14.0	22.3	37.0	87.5	1.0	49.5	5.0
B10239	B04591/ZORRO	45	13.9	20.2	42.0	86.5	1.0	45.5	4.0
B10211	B04587//ZORRO/B05044	17	13.8	21.3	39.5	87.0	1.0	47.5	5.5
B10234	B04644/B190	40	13.7	20.3	43.5	86.5	1.0	45.0	4.5
B10228	B06311/B05039	34	13.6	22.8	42.5	87.0	1.0	48.0	5.5
B10242	B05039/ZORRO	48	13.6	17.6	42.0	86.0	1.0	47.0	5.0
B10212	B04587//ZORRO/DPC-1	18	13.5	21.8	40.0	86.5	1.0	47.5	5.5
B10231	B06311/N05311	37	13.4	16.7	42.0	86.0	1.0	46.0	5.0
N10102	N05319//N05311/N04109	1	13.4	21.1	39.5	88.5	1.0	48.5	5.5
N10105	N05324//N05319/B05044	4	13.3	22.1	40.0	90.5	2.0	51.5	5.0
B10208	N05324/B05055	14	13.2	22.2	42.0	83.0	1.0	47.5	4.5
B10217	B04587//ZORRO/DPC-1	23	13.2	20.9	40.0	86.0	1.0	46.5	4.5
B10214	B04587//ZORRO/DPC-1	20	13.2	20.6	42.0	87.0	1.0	47.5	5.5
B10238	ZORRO/B05055	44	13.0	19.6	41.5	86.0	1.0	46.5	5.0
B10215	B04587//ZORRO/DPC-1	21	13.0	21.0	40.5	87.5	1.0	48.0	5.5

EXPERIMENT 0104 PRELIMINARY NAVY AND BLACK YIELD TRIAL

PLANTING DATE 06/10/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B10210	N05324/B04431	16	12.7	26.3	41.5	90.0	1.0	50.5	5.5
B10213	B04587//ZORRO/DPC-1	19	12.6	20.5	41.0	86.5	1.0	46.5	4.5
B10224	B04587//B05070/B05044	30	11.7	22.1	40.5	87.5	1.0	46.5	5.0
B10221	B05055/B04644	27	11.7	17.6	41.0	86.0	1.0	45.5	4.0
B10241	B05039/ZORRO	47	11.6	18.7	39.5	86.5	1.0	47.0	5.0
B10223	B05052//B04349/B05044	29	11.5	22.3	42.5	88.0	1.0	47.5	4.5
B10216	B04587//ZORRO/DPC-1	22	11.4	20.6	40.5	86.0	1.0	47.5	5.0
B10207	N05324/B05055	13	11.1	21.5	40.5	86.0	1.0	46.0	5.0
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	53	10.9	23.5	39.0	88.5	1.5	51.0	4.5
B10230	B06311/B05055	36	10.6	20.6	41.5	86.5	1.0	47.5	4.5
B10218	B05055/B04644	24	10.4	18.3	40.5	86.0	1.0	46.0	4.0
B10220	B05055/B04644	26	10.1	17.2	39.5	86.0	1.0	45.0	4.5
N10107	N05346/N05311	6	9.9	21.2	42.0	87.5	1.0	48.0	4.5
B10237	B04644/B190	43	9.1	20.8	41.0	86.5	1.0	47.0	4.5
B10229	B06311/B05055	35	8.9	21.2	41.5	86.5	1.0	46.5	4.5
B10226	B05055/B05044	32	8.7	18.0	39.5	87.5	1.0	49.0	5.0
B10209	N05346/B05055	15	8.4	21.6	41.0	86.5	1.0	46.5	4.5
B10219	B05055/B04644	25	7.8	17.9	41.5	87.0	1.0	47.0	4.5
B10235	B04644/B190	41	7.4	18.8	43.0	87.5	1.0	47.5	4.5
B10236	B04644/B190	42	7.1	18.7	41.0	86.0	1.0	46.0	4.5
B10232	ZORRO/B03622	38	6.7	22.7	40.0	87.0	1.0	47.5	4.5
N10110	B05055/N05324	9	6.4	20.3	39.5	89.0	1.0	50.0	4.5
N10106	N05324//N05319/B05044	5	6.3	19.4	41.0	92.0	2.0	52.0	3.0
B10205	N04120/B05041	11	5.5	21.8	41.5	89.5	1.0	47.0	4.0
I08958	MEDALIST	54	5.4	21.3	37.0	91.0	2.0	51.5	4.0
B10204	N05311//B05053/B05055	10	4.9	21.3	38.5	88.5	1.0	47.5	4.0
AVERAGE OF PRECEDING 56 MEANS			12.0	20.7	40.9	87.4	1.1	47.7	4.8
LSD (P=.05)			4.5	1.8	2.5	2.0	0.3	1.5	1.1
LSD (P=.01)			5.9	2.3	3.3	2.6	0.4	1.9	1.4
COEFFICIENT OF VARIATION (%)			18.9	4.3	3.1	1.1	15.2	1.6	11.3

EXPERIMENT 0105 STANDARD GREAT NORTHERN YIELD TRIAL PLANTING DATE 09/22/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING HEIGHT	DES.	
			/ACRE	WT.	FLOWER	MATURITY			
G09303	G04207/P05437	26	16.2	33.0	35.0	82.1	1.0	52.0	5.5
G93414	MATTERHORN	16	15.3	34.5	34.9	81.2	1.0	49.0	5.0
G08254	G04514/G93414	2	15.2	37.5	35.1	81.0	0.9	48.8	4.5
G10401	MATTERHORN/P05436	35	15.2	33.9	34.5	84.0	0.9	49.7	5.5
G09320	G04514/G02647	20	14.8	36.7	34.5	82.3	1.0	49.8	5.0
G08243	G02460/G04514	10	14.4	36.5	35.9	81.0	1.1	47.7	4.5
G07309	G02646/G02454	8	14.4	44.6	36.0	83.2	1.5	50.7	4.5
G08239	G04514/G02647	11	14.4	38.7	35.0	81.3	1.0	49.8	4.5
G08260	G04517/G02647	15	14.3	36.5	36.9	82.8	1.0	48.1	4.5
G09330	G04514/G02647	17	14.0	39.2	35.6	81.7	0.9	49.0	5.0
G09328	G04514/G02647	18	14.0	40.1	36.1	82.1	1.0	49.4	5.0
G09329	G04514/G02647	19	14.0	40.2	35.4	83.6	1.1	49.5	4.5
G08264	G98601/G04514	5	14.0	36.0	35.5	81.5	1.0	48.9	5.0
G08259	G04517/G02647	12	13.9	37.5	36.0	81.1	1.0	48.0	4.5
G08240	G04514/G02647	14	13.9	38.9	36.0	82.1	1.0	48.6	4.5
G09321	G04514/G02647	22	13.6	40.7	35.6	83.1	0.9	51.0	5.0
G09317	G04514/G02647	28	13.6	39.6	34.5	83.1	1.0	51.1	5.0
G09302	G93414/P05436	27	13.5	37.6	36.0	84.9	1.6	50.6	4.0
G09323	G98602/G04517	34	13.2	35.8	35.4	82.4	1.0	48.1	4.0
G08258	G04517/G02647	4	13.1	34.8	34.5	81.5	1.0	48.4	5.0
G08263	G98601/G04514	1	13.1	37.3	34.1	82.4	0.9	48.1	4.5
G09315	G04514/G02647	21	13.1	35.7	35.0	81.5	0.9	48.2	5.0
G08245	G98601/I03354	9	12.8	36.3	34.4	80.9	1.0	47.6	4.5
G08262	G98601/G04514	6	12.8	36.0	35.4	81.0	1.0	48.3	4.0
G08256	G04514/G93414	7	12.7	35.8	35.0	80.4	1.0	48.9	5.0
G09333	G98602/G02647	31	12.7	40.1	36.0	84.5	1.6	48.8	4.0
G08261	G98601/G04514	3	12.7	35.7	35.5	82.0	1.0	47.9	4.5
G09325	G04207/I06206	32	12.6	43.9	35.5	84.6	1.0	50.6	4.0
G09322	G04514/G02647	24	12.0	38.4	35.5	84.0	1.0	50.0	4.5
G09326	G04207/I06206	33	11.9	44.6	35.1	83.4	1.0	51.3	5.0
G09301	G93414/P05436	29	11.9	40.3	36.0	85.9	2.0	53.2	4.0
G09318	G04514/G02647	23	11.0	39.7	35.5	84.8	1.5	53.6	5.0
G08268	G05241/I06206	13	10.5	33.2	36.0	81.2	1.0	47.1	5.0
G09331	G02460/G04514	30	10.3	41.7	35.5	85.1	1.6	52.8	4.0
G09332	G02460/G04514	25	9.6	40.8	35.9	86.4	1.6	51.6	3.5
G10402	B04588/G04207	36	9.0	34.4	37.0	83.3	1.0	44.9	4.0
AVERAGE OF PRECEDING 36 MEANS			13.2	38.0	35.4	82.7	1.1	49.5	4.6
LSD (P=.05)			2.4	2.5	0.7	0.8	0.2	1.2	0.5
LSD (P=.01)			3.1	3.2	1.0	1.1	0.3	1.5	0.6
COEFFICIENT OF VARIATION (%)			12.7	4.6	1.5	0.7	13.6	1.7	7.3

EXPERIMENT 0106 STANDARD TEBO YIELD TRIAL

PLANTING DATE 06/10/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT	DES. SCORE	
N09060	G05241/B04588	2	13.4	30.5	37.5	89.9	2.0	49.0	4.5
G09312	G05241/B04588	9	12.0	29.8	37.0	87.9	1.5	47.5	4.5
N09067	G05241/B04588	1	11.4	25.9	37.0	90.0	1.5	49.0	4.0
N09063	G05241/B04588	4	11.3	25.4	40.5	87.1	1.0	46.5	4.5
G10901	G05241/B04588	10	10.8	29.0	38.5	88.4	1.5	48.0	4.0
N09065	G05241/B04588	3	10.6	25.5	38.0	89.5	1.5	48.5	4.5
G06209	G93414//G00536/N00760	7	9.0	30.6	36.0	87.6	1.5	48.0	4.5
G06211	G93414//G00536/N00760	8	8.0	33.5	37.0	88.1	2.0	49.0	4.5
G07321	G93414//G00536/N00760	5	7.7	25.1	34.5	85.9	1.0	46.5	4.5
G07324	G93414//G00536/N00760	6	7.5	27.9	36.0	87.0	1.5	47.5	4.5
G05922	HIME TEBO*4/MATTERHORN,FUJI	11	4.4	24.8	36.0	95.5	2.5	44.0	3.0
I03388	HIME TEBO	12	4.3	28.7	35.5	95.5	2.5	44.5	3.0
AVERAGE OF PRECEDING 12 MEANS			9.2	28.1	37.0	89.4	1.7	47.3	4.2
LSD (P=.05)			2.2	1.4	1.0	1.0	0.5	0.9	0.3
LSD (P=.01)			2.9	1.9	1.3	1.3	0.6	1.1	0.4
COEFFICIENT OF VARIATION (%)			17.2	3.6	2.0	0.8	20.4	1.3	4.8

EXPERIMENT 0107 STANDARD PINTO YIELD TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I07113	LAPAZ	5	16.8	41.6	39.5	84.0	1.5	49.7	4.5
P07863	I02545/P02630	10	16.4	41.3	36.5	84.5	1.5	51.5	5.0
P07839	I02545/P02630	27	16.1	36.6	37.0	85.0	2.0	51.9	5.0
P06125	P02646/P02630	18	15.5	37.7	35.5	81.5	1.0	48.4	5.0
I84002	NW410//VICTOR/AURORA,GH215,USDA-WA, OTHELLO	39	15.5	36.0	34.4	82.5	3.0	46.4	3.0
P08403	P05463/I06206	29	15.2	35.0	37.1	82.0	1.0	48.2	5.0
P07751	I02545/P02647	2	14.9	38.9	36.0	83.9	1.5	49.5	4.0
P09408	I04305/P00218	46	14.4	45.1	34.6	81.6	1.0	48.0	4.0
P08402	P05463/I06206	26	14.1	34.3	37.5	82.0	1.0	47.8	5.0
I06249	ND020069, LARIAT	1	13.7	44.3	35.6	88.0	2.0	53.9	4.0
I99117	ASG85-5051-7, BUSTER	38	13.6	41.0	35.5	81.5	2.5	47.2	3.0
I09101	ND307	36	13.4	36.9	36.4	83.0	1.5	48.3	4.0
P08325	P00218/X05129	23	13.4	40.0	37.0	82.0	1.0	48.7	5.0
P08320	P00226/P02627	20	13.0	39.1	35.1	82.5	1.0	46.8	4.5
P09420	P02630/I03386	42	12.9	41.4	35.5	82.5	1.0	47.4	5.0
P09425	P00225/I06205	58	12.9	42.9	36.5	82.6	1.0	49.6	5.0
P10502	P06121/P05436	64	12.8	34.1	35.5	82.5	1.0	48.0	4.5
P09424	P00225/I06205	54	12.8	42.0	35.6	81.5	1.0	48.5	4.0
P08396	P05457/P04204	22	12.5	38.2	35.6	83.5	1.0	48.1	4.5
I06251	CO23704, CROISSANT	37	12.5	36.7	37.4	86.0	2.0	51.8	4.5
P06130	P02646/P02630	12	12.4	39.1	37.5	81.0	1.0	47.0	4.0
P08364	P02633/P00225	32	12.4	37.1	36.0	80.9	1.0	47.4	4.5
P08329	X05129/P02646	7	12.3	39.1	37.0	81.0	1.0	46.7	4.5
P09417	P02630/I04305	47	12.3	34.2	35.4	81.5	1.0	48.5	5.0
I05834	ND020351, STAMPEDE	8	12.3	43.9	37.6	83.5	1.0	49.2	4.0
P09426	P00225/I06205	60	12.2	45.6	37.1	83.0	1.0	48.6	4.0
P08339	X05129/P02646	9	12.1	37.2	36.5	80.6	1.0	48.2	4.5
P09404	P06121/P05436	50	12.1	36.5	35.9	81.6	1.0	46.5	4.5
P07740	I02545/P02647	17	12.1	48.3	33.9	85.0	2.0	52.0	4.5
P08388	P05463/P04207	13	12.0	35.2	35.0	82.0	1.0	49.0	5.0
P04205	P99119/G99750, SANTA FE	14	12.0	40.7	35.4	82.5	1.0	48.6	5.0
P09402	I06220/P05436	44	11.9	34.3	35.9	82.1	1.0	49.9	5.0
P09422	P02630/I03386	45	11.9	37.0	34.5	83.5	1.5	47.4	4.0
P09410	X05129/P02647	56	11.9	37.8	38.0	80.9	1.0	46.4	4.5
P09413	P02633/I03386	53	11.9	36.4	37.1	81.0	1.0	46.4	5.0

EXPERIMENT 0107 STANDARD PINTO YIELD TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
P09418	P02630/I04305	59	11.9	35.1	34.0	81.9	1.0	48.7	4.5
P09416	P02630/X05129	55	11.8	35.5	36.1	81.5	1.0	47.5	5.0
P08337	X05129/P02646	30	11.8	38.0	37.4	81.5	1.0	47.5	4.5
P08307	I02545/P02630	31	11.8	40.1	35.9	81.5	1.5	49.9	4.0
P09414	X05129/P02647	61	11.8	36.2	36.4	81.9	1.0	47.0	5.0
P08312	I04324/P02646	6	11.7	39.7	35.9	82.5	1.0	49.0	5.0
P08369	P05410/P04205	35	11.7	33.8	36.6	82.0	1.0	47.9	5.0
P07406	P00227/I03385//P00207	4	11.7	36.4	34.5	84.0	1.0	50.6	4.5
P08408	P05410/P04203	24	11.6	35.6	36.5	81.5	1.0	48.1	5.0
P09405	P06121/P05436	43	11.4	36.6	36.5	81.0	1.0	47.4	4.5
P09421	P02630/I03386	41	11.3	40.4	36.0	81.5	1.0	46.8	5.0
P09419	P02630/I03386	48	11.2	38.7	35.5	82.0	1.0	47.0	4.0
P08362	P04205/I06203	19	11.1	37.3	38.5	81.5	1.0	48.5	5.0
P08327	X05129/P02646	21	11.0	37.1	38.0	81.0	1.0	46.7	4.0
P08336	X05129/P02646	11	10.9	40.3	36.1	81.0	1.0	49.0	5.5
P09407	P05436/X06146	51	10.9	34.5	34.0	82.5	1.0	49.1	5.0
P09411	X05129/P02647	57	10.8	36.3	35.9	81.4	1.0	46.9	4.5
P09406	P06121/P05436	40	10.7	32.9	35.0	81.0	1.0	47.9	4.0
P10501	USPT-CBB-3/P05436	63	10.7	37.6	34.6	83.0	1.0	49.0	4.5
P08391	P05410/P00225	34	10.6	35.1	37.1	81.0	1.0	48.5	5.5
P08319	P00226/P02627	16	10.6	36.9	35.5	82.6	1.0	48.5	5.0
P09409	X05129/P02647	52	10.5	36.1	37.5	81.4	1.0	46.0	4.5
P08371	P05410/P04205	33	10.4	34.5	36.9	82.0	1.0	49.9	5.5
P09403	I06220/P05436	62	10.2	35.6	34.5	82.5	1.0	49.0	4.0
P08331	X05129/P02646	15	10.1	38.4	36.0	81.6	1.0	47.5	4.5
P09430	P05457/P04205	28	10.0	32.9	36.4	81.6	1.0	47.5	4.5
P08340	X05129/P02646	25	9.9	38.3	35.5	81.0	1.0	47.6	4.5
P09401	I06220/P05436	49	9.9	36.5	34.1	81.5	1.0	48.2	4.5
P07407	P00227/I03385//P00207	3	8.4	35.2	36.4	83.5	1.0	48.6	4.0
AVERAGE OF PRECEDING 64 MEANS			12.2	37.9	36.1	82.3	1.2	48.4	4.6
LSD (P=.05)			2.6	2.6	0.8	0.6	0.2	1.0	0.4
LSD (P=.01)			3.3	3.3	1.0	0.8	0.2	1.2	0.5
COEFFICIENT OF VARIATION (%)			14.9	4.8	1.6	0.5	11.6	1.4	6.1

EXPERIMENT 0108 STANDARD RED AND PINK YIELD TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
R98026	R94037/R94161, MERLOT	10	17.7	39.8	37.2	92.0	1.0	50.0	5.0
S07501	S00809/I03386/R02205	15	17.4	31.9	40.1	92.6	1.5	54.5	5.5
R08516	R98026/S02753	1	16.6	40.9	36.1	92.1	1.5	53.0	4.5
S00809	R94142/X94076, SEDONA	16	16.5	36.5	39.5	89.6	2.0	52.0	5.0
S08409	R98026/S02753	8	16.2	37.3	37.0	89.6	1.0	52.0	4.0
R08542	I04310/R98026	9	16.0	37.9	39.0	89.2	1.0	49.0	5.0
R08541	R98026/X05139	13	15.4	38.0	37.7	90.9	1.0	49.0	5.0
I09207	NDZ06209 (RED-I-GENE)	25	14.7	33.5	36.6	85.6	1.0	45.5	4.5
R09509	R06415/R06427	5	14.5	35.3	36.0	92.6	1.5	49.5	3.5
R09501	X05137/X05145	19	14.1	38.7	36.3	90.0	1.0	49.0	4.0
R09504	S02068/S04504	22	14.0	41.2	35.5	88.4	1.0	47.5	4.0
I09219	Merlot*/VAX 3/Salagnac (08IS9087)	27	14.0	32.2	36.6	86.5	1.0	47.5	4.5
S08419	S02754/S04503	6	13.9	34.4	35.7	90.5	1.0	49.0	5.0
R08512	R97003//I03385/R98026	3	13.6	37.9	40.1	92.9	1.0	55.5	4.0
R06413	S01944/R02205	7	13.5	28.7	39.0	92.8	2.0	49.0	4.0
R09506	R06249/R98026	20	13.3	38.6	36.4	89.1	1.0	50.0	5.5
S08418	S02754/S04503	12	13.0	31.4	36.0	88.4	1.0	47.5	4.5
I95322	BROOKS-18(RM), BROOKS	30	13.0	34.4	40.2	94.8	2.0	50.5	3.5
I09208	NDZ06249 (RED-I-GENE)	26	13.0	30.2	35.9	87.2	1.0	46.0	4.5
R08514	R98026/S02753	18	12.7	38.7	42.4	92.4	1.5	55.0	4.0
R09513	R98026/R06427	24	12.6	35.2	36.8	89.9	1.5	50.0	4.0
S08437	S00809/I06202	14	12.1	36.4	36.0	88.7	1.0	47.0	4.0
R09511	X07723/R06422	11	11.6	34.8	36.2	91.5	1.0	50.5	5.0
S09601	S00809/S02068	17	11.6	28.1	38.7	94.0	1.0	58.0	5.5
S08422	S04503/X05143	23	11.2	36.1	36.5	87.0	1.0	46.5	4.0
R09512	R06422/R06429	21	11.1	34.2	35.0	88.4	1.0	47.5	4.0
R06412	S01944/R02205	2	10.7	27.6	37.7	92.0	1.0	47.0	3.5
I09221	05IS-1611/VAX 3 (08IS0580)	29	10.4	26.2	36.9	89.1	1.0	45.5	4.5
R09508	R06415/R06427	4	10.4	30.7	36.5	93.0	1.5	50.5	3.0
I09220	Morales/XAN 176//EAP 9503-32A (08IS0343)	28	7.9	28.9	40.9	86.9	1.0	45.0	4.0
AVERAGE OF PRECEDING 30 MEANS			13.4	34.5	37.5	90.3	1.2	49.6	4.4
LSD (P=.05)			3.5	3.6	0.9	0.9	0.3	1.2	0.5
LSD (P=.01)			4.6	4.6	1.1	1.2	0.3	1.6	0.6
COEFFICIENT OF VARIATION (%)			18.6	7.3	1.6	0.7	15.3	1.7	7.7

EXPERIMENT 0109 CDBN/MRPN YIELD TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I07113	LAPAZ	42	21.8	38.6	41.5	91.4	1.0	49.9	5.0
I84002	NW410//VICTOR/AURORA,GH215,USDA-WA, OTHELLO	1	18.4	31.9	35.0	85.0	3.0	45.5	3.0
I10106	ODYSSEY (ISB)	11	18.3	36.2	35.0	90.0	3.5	45.1	3.5
P07863	I02545/P02630	36	18.2	39.7	37.0	90.4	1.0	49.6	5.5
G08254	G04514/G93414	34	16.7	33.2	36.5	88.5	1.0	49.1	6.0
I09106	MAX	8	16.5	36.4	34.5	85.1	4.0	43.5	3.0
I10115	CO55024-11	24	16.5	36.4	36.0	89.5	1.5	50.1	5.5
I09101	ND307	5	16.0	35.5	36.1	89.9	2.0	48.1	5.0
I10104	PT9-18 (Co-4(2))	2	15.8	34.8	37.5	97.5	2.0	51.9	3.0
I98313	CO 51715, MONTROSE	41	15.8	36.0	36.5	87.7	3.5	43.0	3.0
I06249	ND020069, LARIAT	3	15.7	40.4	38.6	91.6	2.0	52.6	4.5
I05834	ND020351, STAMPEDE	4	15.6	39.5	36.0	90.0	1.0	51.9	6.0
P08339	X05129/P02646	37	15.3	37.3	36.5	86.5	1.0	47.5	4.5
I10110	ND041062-1	16	15.0	34.3	37.0	91.0	1.0	50.5	5.5
I08918	ND040494-4(PINTO)	15	14.9	36.9	36.0	87.5	2.5	48.5	4.0
I09105	SEQUOIA	9	14.4	33.5	36.0	91.2	1.5	53.6	4.5
I10112	ND080213	18	14.3	38.2	38.0	87.8	1.0	47.5	5.0
G93414	MATTERHORN	40	14.3	31.7	38.5	87.5	1.5	46.6	5.0
I08908	CO24972(PINTO)	21	14.1	39.1	38.5	91.0	1.5	51.5	5.5
I10111	ND060067	17	13.9	40.1	39.4	91.0	1.0	54.0	5.0
I99117	ASG85-5051-7, BUSTER	39	13.7	38.7	35.5	86.8	2.0	47.1	3.5
I08912	CO33986(PINTO)	22	13.6	37.1	39.5	92.2	2.0	51.2	6.0
I09116	NE2-08-17 (PINTO)	32	13.0	34.8	38.5	92.8	2.0	51.9	3.5
I07146	NE-2-06-8	12	12.9	40.2	35.6	87.2	2.0	48.1	4.0
I10114	CO55024-8	23	12.8	33.6	37.5	91.4	2.0	49.4	4.5
G08263	G98601/G04514	33	12.7	34.6	36.0	87.8	1.0	34.4	6.0
I09107	JACKPOT	10	12.6	38.5	36.0	85.1	4.0	42.3	3.0
P09420	P02630/I03386	38	12.4	37.5	36.0	87.4	1.0	47.1	5.0
I09114	NE2-08-15 (PINTO)	31	12.4	39.1	39.5	92.1	2.5	34.4	4.0
I09112	NE1-08-16 (GN)	29	12.2	32.1	35.5	91.1	2.0	47.9	3.5

EXPERIMENT 0109 CDBN/MRPN YIELD TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
G09330	G04514/G02647	35	12.1	38.4	36.5	88.5	1.0	49.3	5.0
I09120	NDF09003 (GN)	19	11.9	30.8	35.5	86.4	1.0	46.9	5.0
I09110	NE1-08-9 (GN)	27	11.2	36.7	37.0	91.4	2.0	49.0	4.0
I10113	ND080412	20	11.1	31.0	39.5	89.8	2.0	47.0	4.5
I07142	NE-1-06-12, COYNE	28	10.4	40.6	36.5	91.9	2.0	48.4	3.5
I09109	CO55646 (PINTO)	25	10.0	34.2	45.5	100.0	2.0	53.6	3.0
P04205	P99119/G99750, SANTA FE	6	9.8	39.0	36.0	89.1	1.5	48.5	5.5
I04317	ASGROW 0759 V, CHIANTI	14	9.8	51.5	36.0	93.2	1.5	48.0	3.5
I09113	NE1-08-29 (GN)	30	9.6	36.3	36.5	92.9	2.0	48.1	3.5
I09103	IP08-2 (PINTO)	7	8.5	34.7	40.0	99.8	2.5	49.0	2.5
C06808	I01800/C03129, BELLAGIO	13	8.3	42.8	36.0	92.8	2.0	51.0	4.5
I10116	CO55695	26	7.5	32.3	46.0	100.0	3.0	51.5	3.0
AVERAGE OF PRECEDING 42 MEANS			13.6	36.8	37.4	90.5	1.9	48.2	4.3
LSD (P=.05)			4.0	3.8	0.8	1.1	0.4	5.4	0.6
LSD (P=.01)			5.2	4.9	1.1	1.4	0.5	7.0	0.8
COEFFICIENT OF VARIATION (%)			18.1	6.3	1.4	0.8	13.3	6.9	8.4

EXPERIMENT 0210 STANDARD CRANBERRY YIELD TRIAL

PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT	DES. SCORE	WM (1-9)	
C07411	X03516/C99804	5	35.4	47.1	35.2	91.0	2.0	49.5	6.0	1.3
C08709	X03516/C99804	1	35.3	48.2	36.0	92.0	2.0	49.5	5.5	3.2
C99833	CARDINAL/K94803, CAPRI	19	34.6	54.0	36.4	91.5	2.5	46.0	5.0	3.6
C08710	X03516/C99804	3	32.6	47.5	36.8	92.0	2.0	48.5	5.0	2.8
C81008	T HORT	22	32.6	57.3	36.3	90.0	1.5	47.5	5.5	3.4
C08713	X03516/C99804	4	32.1	46.5	35.9	91.0	1.5	48.5	6.0	4.1
C08711	X03516/C99804	7	31.6	50.6	36.0	93.0	2.0	49.5	6.0	2.6
C08705	C99804/X03594	13	31.2	55.2	36.4	90.5	2.0	48.5	5.0	5.0
C08714	X03516/C99804	6	30.9	47.8	35.4	91.5	1.5	48.5	5.0	3.5
C08708	X03516/C99804	2	29.7	46.8	36.0	92.0	2.0	48.5	5.5	3.6
C08716	C99804/C03151	11	29.5	40.4	37.0	92.0	3.0	42.5	4.0	6.5
C08706	C99804/X03594	18	29.4	56.5	35.5	91.0	2.5	46.5	4.5	4.9
I04317	ASGROW 0759 V, CHIANTI	23	28.2	56.7	37.8	95.5	3.5	40.5	3.5	4.6
C08712	X03516/C99804	15	27.9	48.2	37.1	91.0	2.5	45.5	4.5	5.9
C08715	C99804/C03151	8	27.7	42.4	37.1	89.0	2.5	43.0	4.5	4.6
C08725	C99833/I06210	17	27.6	50.0	35.1	95.5	2.5	46.5	4.0	3.6
C07403	X03510/C99833	16	27.4	48.6	36.3	94.0	4.0	44.5	3.5	6.5
C66001	MICRAN	25	26.9	47.5	39.5	100.0	5.0	40.0	3.0	2.7
C81004	CRAN 425, CARDINAL	9	26.3	52.7	35.8	92.5	3.0	43.0	3.5	7.3
C08722	C99833/I06210	14	25.8	54.3	36.2	96.5	3.5	44.0	3.0	6.0
C06814	C99833/C03151	10	25.3	53.8	36.9	92.0	3.0	41.9	3.5	8.1
I07126	BD 1003, KRIMSON	21	23.7	51.1	34.9	89.0	4.0	40.0	3.0	9.1
C08724	C99833/I06210	12	22.4	51.6	37.0	93.0	3.0	46.5	4.0	7.6
C06808	I01800/C03129, BELLAGIO	20	21.7	50.2	37.8	96.0	4.0	41.0	3.5	6.4
I99149	B386ASGROW, CRAN, HOOTER	24	20.8	56.9	38.4	100.0	3.0	47.0	3.0	5.7
AVERAGE OF PRECEDING 25 MEANS			28.7	50.5	36.5	92.9	2.7	45.5	4.4	4.9
LSD (P=0.05)			6.2	3.6	1.5	1.2	0.4	1.4	0.5	1.0
LSD (P=.01)			8.1	4.7	1.9	1.6	0.6	1.8	0.6	1.3
COEFFICIENT OF VARIATION (%)			15.3	5.1	2.9	0.9	11.2	2.2	7.3	14.0

EXPERIMENT 0211 STANDARD KIDNEY YIELD TRIAL

PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WM 1-9
K08961	K04604/I05101	1	36.8	63.3	34.5	92.5	1.9	48.7	5.1	2.1
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	34	36.2	48.0	37.5	98.9	2.6	51.9	4.0	2.7
K90101	CHAR/2*MONT, RED HAWK	33	35.1	47.0	36.0	93.0	2.1	48.8	4.9	2.4
I90013	(LRK)UCD, CELRK	14	34.8	62.4	35.3	93.1	1.1	47.0	4.0	0.9
K06014	K90101/K02601	5	32.8	45.4	36.3	90.8	1.9	46.9	5.0	4.0
K08920	K99974/X04201	42	32.8	84.1	35.8	93.5	2.0	48.0	5.0	3.0
K08205	I02535//K90101/K74002	31	32.8	45.8	37.0	94.0	2.0	47.9	4.5	3.6
K08938	X05104/K04605	17	32.5	49.0	35.5	91.5	1.0	47.5	5.0	1.0
K08228	K03271/I05101	3	32.5	44.3	36.0	91.6	1.9	46.6	5.0	3.3
K01234	REDCOAT	16	32.3	49.6	37.0	92.0	1.3	46.6	5.1	2.1
K08915	X04307/X04203	2	31.7	51.0	36.8	93.5	2.0	48.0	5.0	2.3
K06001	I99105/X02151	23	31.6	52.5	36.5	94.5	2.0	47.4	4.5	4.3
K08231	K03271/I05101	24	31.4	48.7	37.0	92.4	1.5	48.5	5.5	2.5
K08224	K90101/I05101	22	31.3	45.4	36.5	92.3	2.0	49.0	4.0	5.3
K08918	X04307/X04203	15	31.1	49.0	36.8	93.4	1.5	50.0	5.5	2.6
K07305	K90101/K02601	12	31.1	48.4	36.5	93.1	1.1	47.9	5.0	2.2
K10902	BELUGA SELECTION FROM ADM	11	30.8	43.4	36.5	90.4	1.5	50.0	6.0	1.3
K08229	K03271/I05101	19	30.8	43.1	38.0	92.0	2.5	47.6	4.5	2.5
I05101	PS 99-009F-5-15-1	38	30.3	46.1	36.8	91.5	2.5	47.5	4.5	4.4
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	35	29.8	51.2	36.8	96.6	3.0	47.9	3.9	3.0
K08222	K90101/I05101	7	29.8	48.2	36.8	92.0	1.6	49.0	5.5	1.7
K08211	K74002/K02601	13	29.4	46.4	35.8	94.4	2.0	50.5	5.0	3.6
K08220	K90101/I05101	9	29.3	44.9	38.8	92.4	1.9	48.5	5.0	2.8
K08225	K90101/I05101	26	29.1	49.6	36.5	91.0	1.9	47.6	5.1	3.1
K08903	K99974/X02153	10	28.8	46.1	35.8	89.0	1.4	46.7	5.1	1.7
K08233	K04601/I05101	4	28.7	44.2	37.8	91.6	1.5	48.9	5.0	3.1
K06619	I00639/K02601	37	28.7	46.3	38.0	96.6	2.0	49.1	4.5	2.9
K06012	K90101/K02601	27	28.6	44.7	36.8	91.5	2.5	47.0	4.0	4.4
K08209	K74002/K02601	8	28.5	47.9	36.5	91.4	2.4	46.1	4.0	4.3
K08232	K04601/I05101	18	28.2	47.8	38.0	91.4	2.5	47.0	4.5	5.5

EXPERIMENT 0211 STANDARD KIDNEY YIELD TRIAL

PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WM 1-9
K08907	K03244/I05103	6	28.2	43.6	37.5	91.6	1.4	49.7	5.1	1.1
K90902	BEA/50B1807//LASSEN, BELUGA	40	27.8	47.7	38.0	95.7	1.0	51.0	5.0	1.7
K08905	K03244/I05103	25	27.1	42.4	37.8	90.1	2.1	50.5	5.0	2.1
K08227	K90101/I05101	30	27.1	47.4	36.5	93.9	2.5	47.9	4.0	6.0
K08604	K02601/K01635	32	26.8	48.2	38.3	93.9	2.0	49.1	5.1	3.5
K07712	K02601/K01635	36	26.2	47.3	37.5	95.1	2.1	52.9	4.9	2.2
K07921	K03244/I05103	20	25.4	48.6	39.3	95.3	1.5	53.5	5.0	1.7
K08230	K03271/I05101	28	24.0	41.2	39.5	92.1	2.5	47.0	2.9	5.8
I08230	PRO 422-39 (T-27), LRK	21	23.8	43.9	38.3	99.9	2.1	51.4	4.0	3.3
I08229	PRO 422-41 (T-28), LRK	29	23.7	42.0	39.0	96.6	1.0	48.6	3.5	0.7
K08608	K04604/K03601	39	23.6	45.5	38.5	95.5	2.1	50.5	4.5	5.1
I09130	T-21 (V.LRK) (CBB, I-gene), BADILLO	41	21.2	48.5	41.0	104.9	3.0	49.0	4.0	1.4
AVERAGE OF PRECEDING 42 MEANS			29.6	48.3	37.1	93.5	1.9	48.7	4.7	2.9
LSD (P=.05)			5.1	3.6	1.8	1.2	0.4	1.0	0.5	1.0
LSD (P=.01)			6.6	4.7	2.3	1.6	0.5	1.4	0.6	1.3
COEFFICIENT OF VARIATION (%)			12.1	5.3	3.4	0.9	14.8	1.5	7.4	24.5

EXPERIMENT 0212 NATIONAL WHITE MOLD YIELD TRIAL

PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WM(1-9) SCORE	WM %
I08933	37-2 (PINTO)	7	33.0	33.9	38.1	90.0	2.0	49.6	5.0	3.0	33.3
P07863	I02545/P02630	1	32.5	38.0	38.8	95.0	1.5	49.9	5.0	3.0	33.3
R08512	R97003//I03385/R98026	57	31.4	32.7	39.6	95.6	2.0	56.0	5.5	3.0	33.3
R08516	R98026/S02753	56	31.2	33.7	42.4	95.0	2.0	54.0	5.5	5.0	55.5
B09184	B04349/B05001	43	29.6	16.1	40.3	92.0	1.5	51.5	6.0	4.5	50.0
I10125	ND080547(Red-WM)	5	29.4	26.5	38.9	95.0	3.0	45.9	4.0	4.0	44.4
B09175	N05311/B05055	39	29.1	21.9	40.0	92.5	1.4	51.8	5.0	4.5	50.0
R09508	R06415/R06427	58	29.1	28.4	37.7	92.0	2.0	50.6	5.5	6.0	66.6
B04554	B00103 */ X00822, ZORRO	28	28.4	17.4	39.7	91.0	2.0	50.0	5.0	6.0	66.6
B09197	B05055/B04588	42	28.4	18.2	39.0	91.9	2.0	48.9	4.5	6.0	66.6
P08329	X05129/P02646	52	28.0	33.4	37.7	89.6	2.0	50.6	5.0	5.0	55.5
S08419	S02754/S04503	59	27.9	32.3	39.3	93.5	2.0	49.1	5.5	4.0	44.4
I10126	50-2(Red-WM)	6	27.6	29.3	37.8	94.1	2.0	51.0	5.5	4.0	44.4
G09320	G04514/G02647	48	26.7	25.8	37.6	89.0	2.5	49.7	5.5	6.0	66.6
I89011	BERYL	10	26.7	32.0	38.6	95.1	3.0	46.3	3.0	5.5	61.1
N08007	N01792/N03614	33	26.6	16.4	40.4	93.9	1.5	49.3	5.5	3.5	38.9
I10124	ND060514(Navy-WM)	4	26.6	19.2	40.2	94.0	2.0	46.6	4.5	4.5	50.0
B09204	B05054/B04588	46	26.5	20.8	39.0	92.5	2.5	49.5	4.5	6.0	66.6
N09034	B05055/B05070	35	26.3	19.2	38.3	92.5	2.0	47.8	5.0	4.5	50.0
P07751	I02545/P02647	2	26.2	33.5	38.1	93.0	2.0	48.5	5.0	5.0	55.5
P04205	P99119/G99750, SANTA FE	20	26.2	37.2	38.4	90.0	2.5	46.6	4.5	5.5	61.1
N09041	B05070/B05044	37	26.1	20.2	39.4	93.9	2.4	46.8	4.5	6.0	66.6
B09128	B05055/B05044	40	25.9	17.0	39.7	93.9	2.5	47.6	4.5	6.5	72.2
N09056	N04152/N05346	34	25.6	19.5	39.7	93.9	2.0	48.1	4.5	6.0	66.6
G08256	G04514/G93414	47	25.5	29.7	38.7	89.0	2.5	49.0	4.5	5.0	55.5
B95556	B90211/N90616, JAGUAR	29	25.3	15.9	39.0	93.9	1.5	48.9	5.0	4.0	44.4
B09135	B04316/B05040	38	25.2	19.4	39.0	91.4	2.4	45.9	4.0	7.0	77.7
I10127	70-1(Pinto-WM)	8	25.1	29.9	37.8	89.4	3.0	47.0	4.0	6.5	72.2
B09194	B05055/B05044	44	24.9	16.3	41.0	93.1	2.5	47.7	4.0	6.5	72.2
P08312	I04324/P02646	51	24.8	34.5	37.6	89.5	2.0	48.0	4.0	7.0	77.7
B09104	N05311/B05055	41	24.6	18.1	40.0	92.5	2.5	48.7	4.0	7.5	83.3
P09419	P02630/I03386	55	24.4	30.7	38.5	87.5	2.5	46.8	4.0	7.5	83.3
I81066	SEL-BTS, T39	27	24.3	17.5	39.0	92.5	3.0	45.3	3.5	4.5	50.0
R98026	R94037/R94161, MERLOT	23	23.9	31.0	39.3	94.0	2.0	51.6	5.0	3.0	33.3
I08958	MEDALIST	30	23.7	15.9	40.9	94.5	2.0	49.2	5.0	5.0	55.5

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WM(1-9) SCORE	WM %
P09420	P02630/I03386	17	23.4	32.6	37.3	88.0	3.0	46.2	3.5	7.5	83.3
G09330	G04514/G02647	15	23.3	29.4	40.1	90.1	2.0	49.6	5.5	4.0	44.4
G08263	G98601/G04514	13	23.3	31.5	38.5	89.5	2.5	46.0	3.5	8.5	94.4
P08339	X05129/P02646	16	23.2	32.0	38.9	90.0	2.0	50.3	5.0	5.5	61.1
I07113	LAPAZ	18	23.1	27.9	39.7	94.5	3.0	46.7	3.5	7.5	83.3
N09175	N05311/B05055	36	22.7	18.7	38.2	90.9	2.4	49.8	4.5	7.0	77.7
B09203	B05054/B04588	45	22.5	19.2	40.0	93.0	3.0	47.2	4.0	6.5	72.2
P08388	P05463/P04207	53	22.2	31.7	37.7	90.0	3.0	45.5	3.5	8.0	88.8
I06271	ND012103, AVALANCHE	32	21.8	16.5	38.1	92.6	2.0	47.9	4.5	6.0	66.6
I05834	ND020351, STAMPEDE	21	21.8	30.0	40.0	92.4	1.5	51.0	5.0	3.5	38.9
P07406	P00227/I03385//P00207	50	21.8	29.1	38.7	90.9	2.5	47.0	4.0	6.5	72.2
G08254	G04514/G93414	14	21.7	27.7	38.5	88.9	2.0	48.9	4.5	5.5	61.1
C08709	X03516/C99804	3	21.5	47.2	36.7	90.5	1.5	48.8	4.5	7.0	77.7
B00101	PHANTOM/BLACKJACK, CONDOR	25	21.3	18.0	39.6	94.0	3.0	47.4	3.5	7.0	77.7
S00809	R94142/X94076, SEDONA	24	20.7	32.2	40.4	92.5	2.5	47.8	4.5	4.0	44.4
K07305	K90101/K02601	64	20.3	42.0	37.3	92.6	1.0	48.2	4.5	5.0	55.5
I03390	ND9902621-2, ECLIPSE	26	20.1	17.3	39.7	90.0	2.5	46.1	3.5	8.5	94.4
I06249	ND020069, LARIAT	19	19.5	30.5	39.7	91.5	3.0	47.9	4.0	7.5	83.3
K08961	K04604/I05101	61	19.0	56.5	35.7	91.5	1.0	49.3	5.5	5.5	61.1
C99833	CARDINAL/K94803, CAPRI	31	18.9	49.5	36.0	92.5	2.0	47.3	3.5	6.5	72.2
P09417	P02630/I04305	54	18.1	28.4	38.3	89.5	3.0	47.9	3.0	8.0	88.8
K08228	K03271/I05101	62	17.4	42.3	38.2	92.5	2.0	48.8	4.5	6.0	66.6
I81010	JAPON3/MAGDALENE, BUNSI	11	17.2	18.7	40.0	94.6	3.0	42.9	4.0	4.0	44.4
P07407	P00227/I03385//P00207	49	16.1	24.0	38.7	88.1	3.0	46.4	3.5	8.5	94.4
K08222	K90101/I05101	63	16.1	46.6	39.0	94.5	2.5	48.5	3.5	7.0	77.7
I96417	G122 MAGNUSON	12	14.5	29.9	40.3	98.0	2.0	50.5	3.0	3.5	38.9
G93414	MATTERHORN	22	14.0	24.6	38.3	89.0	2.0	47.4	4.0	5.5	61.1
C08715	C99804/C03151	60	10.5	41.0	38.4	90.1	2.0	47.3	3.0	9.0	99.9
I09209	VCW54	9	8.0	15.7	41.1	90.0	1.4	30.4	1.0	3.5	38.9
AVERAGE OF PRECEDING 64 MEANS			23.6	27.7	38.9	92.0	2.2	48.2	4.4	5.7	63.3
LSD (P=.05)			6.8	3.1	2.1	1.6	0.6	2.1	0.8	2.0	22.2
LSD (P=.01)			8.8	4.0	2.7	2.1	0.7	2.7	1.1	2.6	28.9
COEFFICIENT OF VARIATION (%)			17.6	6.8	3.3	1.1	15.4	2.7	11.4	22.0	22.0

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM(1-9)	WM (%)
			/ACRE	WT.	FLOWER	MATURITY					
P07908	I02545/P02630	80	32.1	34.5	39.3	94.3	1.0	52.0	4.7	2.3	25.5
P07826	I02545/P02630	8	31.8	31.8	38.0	92.3	1.3	50.0	3.3	4.3	47.7
P07909	I02545/P02630	92	31.6	32.2	39.0	94.0	2.0	49.7	2.7	2.7	30.0
P07835	I02545/P02630	77	31.4	33.0	38.7	99.0	3.7	49.3	2.7	3.0	33.3
P07806	I02545/P02630	2	31.2	33.6	38.0	92.3	3.0	49.3	3.0	5.3	58.8
P07832	I02545/P02630	36	30.8	31.1	38.7	95.3	3.3	49.7	2.7	4.3	47.7
P07851	I02545/P02630	39	30.7	30.7	39.7	94.7	2.7	52.3	2.7	3.3	36.6
P07849	I02545/P02630	79	30.3	33.0	40.7	95.0	2.7	50.3	2.7	3.3	36.6
P07878	I02545/P02630	47	30.3	39.1	37.7	93.3	1.7	52.3	2.3	2.7	30.0
P07856	I02545/P02630	21	29.8	34.7	38.0	95.0	4.0	49.7	3.7	5.3	58.8
P07869	I02545/P02630	20	29.8	32.5	39.0	93.3	3.3	51.7	2.7	4.7	52.2
P07874	I02545/P02630	70	29.7	36.7	37.0	97.0	3.0	52.0	3.0	4.3	47.7
P07888	I02545/P02630	13	29.6	40.0	39.0	91.0	2.3	51.3	3.3	5.7	63.3
P07839	I02545/P02630	3	29.6	33.9	40.3	96.0	1.3	52.3	4.3	1.7	18.9
P07833	I02545/P02630	19	29.5	29.3	37.3	91.0	2.7	51.7	3.0	4.7	52.2
P07831	I02545/P02630	63	29.5	34.1	38.7	94.3	4.0	51.0	2.3	4.7	52.2
P07857	I02545/P02630	31	29.2	32.8	39.0	95.7	2.7	49.0	3.0	2.3	25.5
P07838	I02545/P02630	34	29.0	38.3	39.0	94.7	3.3	50.3	3.0	6.3	69.9
P07840	I02545/P02630	89	28.7	30.8	41.0	95.7	3.3	51.0	2.0	5.7	63.3
P07819	I02545/P02630	22	28.6	39.4	38.7	93.3	3.0	52.3	3.0	6.0	66.6
P07870	I02545/P02630	72	28.5	32.4	37.7	94.7	3.0	49.0	2.7	5.0	55.5
P07830	I02545/P02630	14	28.4	33.0	38.7	94.0	3.3	51.7	3.3	6.0	66.6
P07802	I02545/P02630	59	28.3	32.1	39.3	92.3	2.3	53.0	3.3	3.7	41.1
I02545	AZTEC/ND88-106-04, AN 37	46	28.2	33.4	38.0	92.0	2.0	49.0	2.7	4.0	44.4
P07854	I02545/P02630	43	28.0	32.0	39.3	97.7	3.3	44.7	1.3	5.3	58.8
P07866	I02545/P02630	86	27.9	31.4	37.7	94.3	2.0	51.7	3.0	4.3	47.7
P07902	I02545/P02630	32	27.7	35.5	39.7	94.3	2.0	53.0	2.3	3.3	36.6
P07803	I02545/P02630	25	27.5	35.8	38.0	94.3	4.7	53.0	2.7	6.3	69.9
P07827	I02545/P02630	45	27.3	33.9	38.7	93.0	3.3	52.3	2.7	5.3	58.8
P07863	I02545/P02630	1	27.3	35.6	39.0	95.0	3.3	51.7	3.0	7.3	81.0
P07872	I02545/P02630	33	27.1	36.7	37.3	97.3	3.7	48.0	1.7	7.3	81.0
P07855	I02545/P02630	17	27.1	26.4	39.7	96.3	1.3	50.7	2.7	2.7	30.0
P07813	I02545/P02630	81	27.0	31.8	39.3	97.3	2.3	49.3	3.7	4.7	52.2
P07810	I02545/P02630	71	27.0	37.2	37.7	90.7	3.3	54.0	3.3	6.7	74.4
P07814	I02545/P02630	78	26.9	30.5	39.3	95.7	3.7	50.3	2.7	4.3	47.7

EXPERIMENT 0213 GENETIC WHITE MOLD, POP-1 (I02545/P02630)

PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM(1-9)	WM (%)
		/ACRE	WT.	FLOWER	MATURITY				SCORE	SCORE	Score
P07844	I02545/P02630	23	26.9	31.9	36.7	97.7	2.7	54.3	3.0	4.3	47.7
P07818	I02545/P02630	64	26.9	31.7	38.0	96.7	1.7	52.7	3.7	3.3	36.6
P07880	I02545/P02630	29	26.8	32.5	39.3	92.7	3.0	52.0	2.0	5.0	55.5
P07843	I02545/P02630	24	26.7	34.8	39.0	95.0	3.0	51.0	3.3	5.7	63.3
P07901	I02545/P02630	90	26.4	33.6	40.7	102.7	3.0	53.3	2.0	2.0	22.2
P07822	I02545/P02630	58	26.4	33.8	37.0	94.7	3.3	51.3	2.3	5.7	63.3
P07892	I02545/P02630	57	26.2	34.0	37.7	93.0	2.3	53.0	4.3	5.7	63.3
P07897	I02545/P02630	51	26.1	32.5	40.7	96.7	2.3	54.7	3.0	2.7	30.0
P07883	I02545/P02630	62	26.1	35.0	37.7	90.7	4.3	54.3	2.3	6.3	69.9
P07804	I02545/P02630	67	26.1	30.5	38.3	93.7	3.0	52.7	3.0	3.3	36.6
P07816	I02545/P02630	85	25.5	33.0	38.7	95.3	1.7	54.0	4.0	2.7	30.0
P07876	I02545/P02630	28	25.3	30.9	39.7	96.0	3.0	52.7	2.3	2.3	25.5
P07895	I02545/P02630	68	25.3	34.9	38.7	93.7	2.3	53.3	3.0	4.0	44.4
P07848	I02545/P02630	18	25.1	36.1	37.7	93.7	2.0	54.0	3.0	3.7	41.1
P07896	I02545/P02630	91	25.0	36.5	39.3	94.7	1.3	51.0	4.0	3.3	36.6
P07889	I02545/P02630	93	24.9	33.8	38.3	97.0	3.7	56.3	3.0	3.7	41.1
P07882	I02545/P02630	26	24.9	34.5	38.3	97.3	3.0	48.7	2.0	5.0	55.5
P07867	I02545/P02630	5	24.8	31.6	41.3	96.3	2.7	49.7	2.0	3.7	41.1
P07850	I02545/P02630	73	24.8	34.9	38.7	94.3	1.7	52.7	4.3	2.3	25.5
P07885	I02545/P02630	11	24.8	29.8	39.3	97.0	3.0	51.0	2.3	3.7	41.1
P07809	I02545/P02630	87	24.8	37.7	39.7	93.7	3.0	53.3	3.3	5.3	58.8
P07893	I02545/P02630	88	24.7	38.1	39.3	91.0	3.3	52.0	2.0	5.3	58.8
P07907	I02545/P02630	53	24.6	34.0	38.0	96.3	2.3	51.0	3.3	3.3	36.6
P02630	P99120/MATTERHORN	83	24.4	35.7	39.3	92.3	2.7	54.3	3.0	4.7	52.2
P07815	I02545/P02630	15	24.4	30.9	39.0	94.0	2.0	50.3	2.3	3.0	33.3
P07821	I02545/P02630	94	24.3	33.8	38.3	95.0	2.3	52.0	3.0	3.7	41.1
P07894	I02545/P02630	4	24.3	33.7	37.3	93.3	1.3	50.7	4.0	4.0	44.4
P07820	I02545/P02630	44	24.3	31.4	36.7	91.7	3.7	50.7	2.3	7.0	77.7
P07847	I02545/P02630	35	24.2	31.3	38.0	96.0	2.7	52.3	3.0	3.7	41.1
P07853	I02545/P02630	30	24.2	38.7	38.3	92.3	3.7	52.0	3.7	7.7	85.5
P07868	I02545/P02630	49	24.2	32.1	39.0	92.0	3.7	47.3	2.3	6.3	69.9
P07836	I02545/P02630	48	24.1	35.3	39.0	92.0	2.7	51.3	3.0	3.7	41.1
P07811	I02545/P02630	55	24.1	32.9	37.7	90.3	2.3	53.0	2.7	7.7	85.5
P07861	I02545/P02630	84	24.0	33.8	39.7	92.7	3.7	49.7	2.7	6.7	74.4
P07903	I02545/P02630	9	24.0	38.6	38.3	94.7	2.7	49.3	2.0	3.0	33.3

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM(1-9)	WM (%)
		/ACRE	WT.	FLOWER	MATURITY				SCORE	SCORE	Score
P07865	I02545/P02630	76	24.0	34.1	38.0	90.3	1.7	51.3	4.3	3.0	33.3
P07812	I02545/P02630	50	23.8	36.6	38.0	92.0	3.7	50.3	2.0	7.7	85.5
P07879	I02545/P02630	60	23.7	33.4	40.7	95.7	3.3	48.7	2.7	4.3	47.7
P07860	I02545/P02630	40	23.7	32.0	38.3	94.0	4.0	52.7	2.3	4.7	52.2
P07886	I02545/P02630	37	23.4	29.9	38.7	92.7	3.7	50.3	2.3	6.3	69.9
P07905	I02545/P02630	27	23.3	32.5	38.7	91.3	4.0	48.7	2.3	6.3	69.9
P07891	I02545/P02630	69	23.3	36.6	38.3	98.3	2.3	57.0	2.3	3.7	41.1
P07862	I02545/P02630	52	23.3	32.1	38.0	94.7	4.0	50.3	1.7	6.7	74.4
P07846	I02545/P02630	82	22.9	38.5	37.0	94.7	3.0	52.0	2.0	4.3	47.7
P07877	I02545/P02630	95	22.7	31.0	39.0	96.0	3.3	48.7	1.7	7.7	85.5
P07900	I02545/P02630	56	22.7	37.3	38.7	94.0	2.7	53.3	1.7	4.0	44.4
P07887	I02545/P02630	61	22.6	37.1	38.3	94.0	3.0	51.3	2.7	4.3	47.7
P07829	I02545/P02630	7	22.4	31.2	37.7	92.3	2.7	55.3	3.3	3.3	36.6
P07834	I02545/P02630	75	22.3	33.1	40.3	95.0	4.7	53.7	2.0	5.0	55.5
P07841	I02545/P02630	41	22.3	32.0	39.0	99.7	3.0	52.3	3.0	2.3	25.5
P07858	I02545/P02630	42	22.2	33.1	36.7	91.0	4.0	50.3	2.3	6.0	66.6
P07842	I02545/P02630	10	22.2	29.5	38.7	91.7	2.7	50.3	3.0	2.7	30.0
P07881	I02545/P02630	16	21.9	38.9	38.0	91.3	3.0	51.0	3.3	6.7	74.4
P07805	I02545/P02630	66	21.9	31.8	37.7	94.3	3.7	48.3	2.0	6.0	66.6
P07808	I02545/P02630	96	21.7	31.2	37.7	95.0	2.7	50.0	2.0	6.7	74.4
P07845	I02545/P02630	12	21.2	30.4	37.7	92.7	4.0	48.7	2.0	7.7	85.5
P07825	I02545/P02630	54	21.0	33.1	37.7	92.0	2.7	49.0	2.0	5.7	63.3
P07823	I02545/P02630	74	20.7	30.9	38.3	92.3	3.3	50.3	2.7	3.7	41.1
P07875	I02545/P02630	65	17.9	31.0	38.0	93.3	2.3	50.3	4.3	6.3	69.9
P07904	I02545/P02630	6	17.8	36.6	38.0	95.3	3.3	53.0	3.0	6.7	74.4
P07899	I02545/P02630	38	16.2	27.4	40.3	93.0	4.0	51.0	2.3	8.3	92.1
AVERAGE OF PRECEDING 96 MEANS			25.7	33.6	38.6	94.3	2.9	51.3	2.8	4.7	52.2
LSD (P=.05)			6.8	3.6	1.8	5.1	1.8	4.8	2.0	3.2	35.5
LSD (P=.01)			8.8	4.7	2.3	6.6	2.4	6.3	2.5	4.1	45.5
COEFFICIENT OF VARIATION (%)			16.2	6.6	2.8	3.3	39.0	5.8	42.8	41.4	41.4

EXPERIMENT 0214 GENETIC WHITE MOLD, POP 2(I02545/P02647) PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM(1-9)	WM
			/ACRE	WT.	FLOWER	MATURITY			SCORE	SCORE	%
P07720	I02545/P02647	22	36.9	33.4	39.3	92.3	2.0	53.7	4.0	2.3	25.5
P07762	I02545/P02647	58	36.8	33.7	38.3	96.3	2.0	54.7	3.3	5.0	55.5
P07796	I02545/P02647	91	36.0	34.1	37.7	94.0	2.7	49.7	4.7	5.0	55.5
P07737	I02545/P02647	36	34.9	34.8	38.7	94.3	3.0	53.0	2.0	6.0	66.6
P07799	I02545/P02647	94	34.6	31.9	39.3	95.7	2.0	50.0	2.7	4.7	52.2
P07711	I02545/P02647	13	34.4	39.5	37.3	92.7	3.0	53.3	3.0	7.0	77.7
P07734	I02545/P02647	34	34.0	32.4	37.7	99.3	2.0	54.3	2.7	3.7	41.1
P07725	I02545/P02647	27	33.2	32.7	38.3	96.3	2.7	50.3	2.7	3.3	36.6
P07746	I02545/P02647	42	32.9	40.2	39.0	92.7	1.3	53.7	3.3	4.0	44.4
P07759	I02545/P02647	55	32.8	35.2	40.7	95.0	3.0	56.3	4.0	4.3	47.7
P07721	I02545/P02647	23	32.5	29.7	38.7	100.0	2.3	57.3	3.7	2.0	22.2
P07793	I02545/P02647	88	32.4	34.5	38.7	93.3	2.0	52.0	3.7	2.3	25.5
P07783	I02545/P02647	78	32.3	31.4	40.7	98.3	2.7	49.3	3.0	2.3	25.5
P07750	I02545/P02647	46	32.3	32.9	38.3	96.7	2.0	49.3	2.7	2.3	25.5
P07794	I02545/P02647	89	32.2	37.3	39.0	98.0	3.3	50.7	3.3	3.0	33.3
P07719	I02545/P02647	21	32.2	37.1	38.0	97.7	4.0	52.3	2.0	6.7	74.4
P07704	I02545/P02647	6	32.1	39.1	39.0	91.7	2.7	54.0	2.0	5.7	63.3
P07770	I02545/P02647	66	32.0	31.5	38.7	99.0	1.7	49.7	1.7	2.0	22.2
P07797	I02545/P02647	92	32.0	28.5	43.0	100.7	3.0	47.7	1.3	2.7	30.0
P07767	I02545/P02647	63	31.8	39.5	39.0	93.7	3.0	54.0	3.3	4.7	52.2
P07755	I02545/P02647	51	31.8	28.6	42.0	95.3	1.7	56.0	4.7	2.7	30.0
P07792	I02545/P02647	87	31.7	32.5	40.7	96.3	3.7	49.3	2.7	5.3	58.8
P07730	I02545/P02647	31	31.7	32.4	39.0	99.0	4.3	49.7	2.7	3.7	41.1
P07788	I02545/P02647	83	31.7	40.8	37.7	92.7	2.0	51.7	4.0	5.3	58.8
P07748	I02545/P02647	44	31.6	36.6	39.0	92.7	3.3	54.7	3.7	5.0	55.5
P07735	I02545/P02647	35	31.4	35.0	39.7	97.7	1.7	51.7	3.3	4.0	44.4
P07742	I02545/P02647	38	31.4	38.2	38.7	93.3	3.0	52.7	4.7	5.3	58.8
P07771	I02545/P02647	67	31.2	35.7	40.3	94.7	2.3	56.0	4.0	3.0	33.3
P07705	I02545/P02647	7	31.2	31.1	39.0	94.0	3.0	52.3	3.0	5.7	63.3
P07765	I02545/P02647	61	31.0	30.1	38.0	98.3	3.0	49.3	1.7	4.3	47.7
P07751	I02545/P02647	47	30.7	34.5	38.7	91.3	2.7	49.3	3.3	4.0	44.4
P07706	I02545/P02647	8	30.3	31.5	39.3	96.0	2.3	50.3	2.0	3.7	41.1
P02647	G99750/P97803	2	30.2	37.4	39.3	92.7	2.3	52.7	3.0	4.7	52.2
P07773	I02545/P02647	69	30.1	35.8	38.7	96.0	3.0	53.0	2.7	5.0	55.5
P07710	I02545/P02647	12	30.1	27.1	38.3	92.7	3.3	50.0	3.7	6.3	69.9

EXPERIMENT 0214 GENETIC WHITE MOLD, POP 2(I02545/P02647) PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM(1-9)	WM
			/ACRE	WT.	FLOWER	MATURITY			SCORE	SCORE	%
P07702	I02545/P02647	4	30.1	34.5	38.7	91.3	3.0	48.0	2.7	4.0	44.4
P07761	I02545/P02647	57	29.9	33.0	38.3	92.3	1.7	53.3	4.0	4.7	52.2
P07777	I02545/P02647	73	29.9	34.4	38.3	92.7	2.3	54.0	4.3	3.7	41.1
P07752	I02545/P02647	48	29.9	37.4	38.3	92.7	2.7	51.0	3.3	5.3	58.8
P07787	I02545/P02647	82	29.8	36.6	40.0	98.0	1.7	50.0	2.0	2.3	25.5
P07703	I02545/P02647	5	29.8	34.3	38.3	94.7	2.3	48.3	3.0	5.3	58.8
P07757	I02545/P02647	53	29.8	29.9	39.3	93.0	2.7	53.3	4.3	3.7	41.1
P07723	I02545/P02647	25	29.7	31.3	38.7	92.0	4.3	49.0	2.3	7.3	81.0
P07774	I02545/P02647	70	29.6	28.8	42.3	101.3	2.3	57.3	3.3	2.3	25.5
P07756	I02545/P02647	52	29.6	34.1	40.0	98.3	2.0	54.3	3.7	3.3	36.6
P07708	I02545/P02647	10	29.5	36.0	39.3	98.3	3.0	47.7	3.3	4.0	44.4
P07763	I02545/P02647	59	29.4	36.9	39.0	93.3	2.7	54.3	3.0	4.3	47.7
P07782	I02545/P02647	77	29.4	36.3	39.0	93.3	3.3	50.3	2.7	4.7	52.2
P07758	I02545/P02647	54	28.9	30.7	40.0	96.0	1.3	50.3	4.3	2.7	30.0
P07722	I02545/P02647	24	28.9	31.0	41.0	96.3	3.0	53.7	3.0	3.3	36.6
P07727	I02545/P02647	29	28.8	30.4	38.7	94.7	3.0	48.7	2.0	4.3	47.7
P07785	I02545/P02647	80	28.8	33.4	39.0	99.0	2.0	55.0	3.3	2.3	25.5
P07760	I02545/P02647	56	28.6	34.5	39.3	98.7	3.0	51.3	2.7	4.3	47.7
P07772	I02545/P02647	68	28.4	36.2	38.7	93.7	4.0	51.7	2.3	6.7	74.4
P07798	I02545/P02647	93	28.4	33.9	39.7	102.0	2.7	54.7	2.3	1.7	18.9
P07724	I02545/P02647	26	28.4	30.3	38.3	93.7	2.7	45.7	2.7	5.3	58.8
P07786	I02545/P02647	81	28.2	31.3	38.7	93.3	1.7	50.0	4.0	4.3	47.7
P07715	I02545/P02647	17	28.1	30.7	38.7	93.7	1.7	51.3	1.3	4.3	47.7
P07718	I02545/P02647	20	28.1	33.1	41.3	99.3	2.7	52.7	1.7	3.7	41.1
P07768	I02545/P02647	64	28.1	30.0	41.3	92.7	1.3	50.3	4.3	4.7	52.2
P07745	I02545/P02647	41	28.0	32.7	38.3	93.3	2.3	47.3	3.7	4.3	47.7
P07790	I02545/P02647	85	28.0	32.7	38.0	90.7	1.7	51.3	2.3	4.3	47.7
P07712	I02545/P02647	14	28.0	37.7	40.0	98.3	2.7	50.3	2.3	3.0	33.3
P07717	I02545/P02647	19	27.9	31.1	39.7	90.0	3.0	50.7	3.3	4.7	52.2
P07753	I02545/P02647	49	27.9	36.7	38.3	91.3	3.0	49.7	3.3	6.3	69.9
P07733	I02545/P02647	33	27.8	33.1	37.3	93.3	3.0	51.0	3.3	5.3	58.8
P07749	I02545/P02647	45	27.7	35.0	36.7	94.3	2.7	52.0	3.0	5.3	58.8
P07709	I02545/P02647	11	27.7	27.3	39.3	93.3	1.3	51.7	4.0	3.3	36.6
P07714	I02545/P02647	16	27.5	32.5	38.3	91.7	2.0	48.0	3.0	4.3	47.7
I02545	AZTEC/ND88-106-04, AN 37	1	27.4	32.2	38.3	93.7	2.0	50.0	4.3	3.3	36.6

EXPERIMENT 0214 GENETIC WHITE MOLD, POP 2(I02545/P02647) PLANTING DATE 06/21/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WM(1-9) SCORE	WM %
P07707	I02545/P02647	9	27.3	36.6	38.7	92.3	1.7	52.7	2.7	5.0	55.5
P07701	I02545/P02647	3	27.2	30.0	40.7	92.7	2.3	47.3	2.7	3.3	36.6
P07789	I02545/P02647	84	26.7	32.5	38.0	97.3	3.0	51.0	3.0	4.0	44.4
P07738	I02545/P02647	37	26.7	35.7	38.0	93.0	3.0	48.7	3.0	4.0	44.4
P07778	I02545/P02647	74	26.5	35.0	38.7	92.7	1.3	53.0	4.7	1.3	14.4
P07775	I02545/P02647	71	26.2	37.4	40.0	94.7	3.0	48.3	2.0	5.0	55.5
P07781	I02545/P02647	76	26.2	32.8	38.0	93.0	2.3	53.0	4.0	3.0	33.3
P07716	I02545/P02647	18	26.1	31.6	39.3	94.3	1.7	52.0	4.7	3.0	33.3
P07766	I02545/P02647	62	26.0	30.3	38.0	91.0	4.0	48.7	2.0	8.0	88.8
P07728	I02545/P02647	30	25.9	30.6	37.7	93.0	3.0	48.7	3.3	5.7	63.3
P07769	I02545/P02647	65	25.8	28.8	39.3	94.3	3.0	48.3	3.7	4.0	44.4
P07801	I02545/P02647	96	25.8	31.9	39.7	94.7	3.3	50.7	2.3	6.0	66.6
P07800	I02545/P02647	95	25.5	31.0	39.3	96.3	2.7	47.7	2.0	5.3	58.8
P07744	I02545/P02647	40	25.5	34.1	38.7	99.3	2.3	51.3	2.3	3.0	33.3
P07795	I02545/P02647	90	25.4	30.4	39.0	98.7	3.7	50.3	2.3	4.3	47.7
P07743	I02545/P02647	39	25.3	29.0	39.3	92.3	1.0	49.7	3.0	4.0	44.4
P07776	I02545/P02647	72	25.2	32.9	41.0	95.0	3.0	48.3	2.0	5.0	55.5
P07784	I02545/P02647	79	25.1	30.0	38.3	93.7	3.3	52.7	2.3	5.7	63.3
P07754	I02545/P02647	50	25.1	29.3	38.7	93.7	3.7	50.7	2.3	7.3	81.0
P07726	I02545/P02647	28	24.5	34.1	41.3	98.0	2.0	49.7	2.7	2.7	30.0
P07764	I02545/P02647	60	23.6	27.1	38.3	91.0	2.3	47.0	2.7	6.3	69.9
P07713	I02545/P02647	15	23.5	27.2	38.0	100.3	2.0	50.3	2.3	3.7	41.1
P07779	I02545/P02647	75	23.4	29.8	38.7	97.3	4.0	48.7	1.7	8.3	92.1
P07731	I02545/P02647	32	22.9	29.1	39.0	95.7	2.7	52.0	2.7	4.0	44.4
AVERAGE OF PRECEDING 96 MEANS			29.1	33.1	39.1	95.0	2.6	51.2	3.0	4.3	47.7
LSD (P=.05)			7.4	3.5	2.1	4.1	2.0	4.8	1.9	3.3	36.6
LSD (P=.01)			9.6	4.6	2.8	5.4	2.7	6.3	2.5	4.3	47.7
COEFFICIENT OF VARIATION (%)			15.6	6.5	3.3	2.7	48.6	5.8	39.2	47.2	47.2

EXPERIMENT 0116 PRELIMINARY GREAT NORTHERN YIELD TRIAL PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
G10409	G05220/X07810	7	18.5	35.0	40.0	85.0	1.5	48.5	4.5
G10413	G05220/G04207	11	14.2	36.2	41.0	85.5	2.0	49.0	4.0
G08263	G98601/G04514	19	14.2	35.3	36.0	81.5	1.0	48.0	5.0
G10411	G05220/X07810	9	14.1	36.6	36.0	85.0	1.5	48.5	5.0
G08254	G04514/G93414	20	11.5	33.9	35.5	81.0	1.0	46.0	5.0
G10410	G05220/X07810	8	11.3	37.3	36.5	84.5	1.5	48.5	4.5
G93414	MATTERHORN	18	11.2	32.9	35.5	81.0	1.0	48.0	5.5
G10407	G04207/X07807	5	10.6	29.6	43.0	85.5	1.0	52.5	5.5
G10412	G05220/G04207	10	10.1	35.5	40.5	83.5	1.5	47.0	4.5
G10406	G04207/X07806	4	9.7	32.6	40.5	85.5	1.0	49.5	5.0
G10403	MATTERHORN//G04207/P05437	1	9.5	35.6	36.0	81.5	2.0	45.5	3.0
G10416	G07317/X07808	14	8.9	31.6	40.0	85.5	1.0	50.0	4.5
G10408	G04207/X07807	6	8.1	28.2	37.5	84.0	1.0	49.5	5.0
G10405	G04207/X07806	3	8.1	36.4	40.0	84.5	1.5	48.5	5.0
G10404	G04207/X07806	2	7.0	32.9	42.0	85.0	1.0	49.0	4.5
G10415	G07317/X07808	13	6.6	39.3	37.5	85.0	1.5	49.0	4.5
G10414	G07317/X07808	12	6.2	31.0	37.5	84.5	1.0	48.5	4.5
G10417	G07317/X07808	15	5.1	32.6	36.0	82.0	1.0	45.0	4.5
AVERAGE OF PRECEDING 18 MEANS			10.3	34.0	38.4	83.9	1.3	48.4	4.7
LSD (P=.05)			4.3	3.1	3.2	2.2	0.8	3.1	1.2
LSD (P=.01)			5.6	4.0	4.2	2.8	1.1	4.0	1.6
COEFFICIENT OF VARIATION (%)			23.5	5.0	4.2	1.3	31.3	3.2	13.2

EXPERIMENT 0117 CONAGRA NAVY BEAN QUALITY TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I91112	SCHOONER	7	19.1	18.0	37.0	86.5	2.0	47.0	4.0
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	5	15.1	21.9	40.0	89.5	2.0	49.5	4.5
I06271	ND012103, AVALANCHE	6	13.4	20.6	40.0	88.0	2.0	48.5	5.5
I10108	ENSIGN	2	12.2	19.9	39.0	84.0	2.0	49.0	5.0
I95401	NAVIGATOR	1	11.9	21.0	41.0	86.5	1.0	49.0	4.0
I08902	HYLAND T9905	4	11.6	23.9	40.5	89.0	1.5	47.5	4.5
I08958	MEDALIST	8	10.1	20.6	40.5	91.0	2.0	50.5	5.0
I88106	C-20/FLW,NX041, NORSTAR	3	7.6	20.2	36.0	88.0	2.0	46.0	4.0
AVERAGE OF PRECEDING 8 MEANS			12.6	20.8	39.3	87.8	1.8	48.4	4.6
LSD (P=.05)			3.2	1.5	0.5	1.7	0.2	0.5	0.3
LSD (P=.01)			4.2	2.0	0.7	2.2	0.3	0.7	0.4
COEFFICIENT OF VARIATION (%)			18.1	5.3	1.0	1.4	8.0	0.8	4.6

EXPERIMENT 0118 CONAGRA PINTO BEAN QUALITY TRIAL

PLANTING DATE 06/11/10

ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
P07863	P07863	14	17.8	43.6	38.0	84.5	1.0	49.5	5.0
I07113	LAPAZ	6	17.0	43.9	41.0	84.0	1.5	48.5	5.0
I05834	ND020351, STAMPEDE	5	16.9	44.8	37.5	85.5	1.5	49.0	5.0
I99193	PONCHO	8	16.4	40.8	34.0	82.0	2.5	45.0	3.5
I84002	NW410//VICTOR/AURORA,GH215, OTHELLO	12	16.1	37.0	34.0	81.0	2.0	44.5	4.0
I09101	ND307	7	16.0	39.2	35.0	83.5	1.5	47.5	4.5
I95310	88-048-03 NDSU, MAVERICK	4	15.4	41.6	34.5	82.0	1.5	47.0	4.5
I00657	BUCKSKIN	10	15.3	37.7	34.0	81.0	3.0	43.0	4.0
I06249	ND020069, LARIAT	1	15.0	44.9	36.5	86.0	2.0	51.5	5.0
I99117	ASG85-5051-7, BUSTER	3	14.5	44.8	35.5	82.5	2.0	45.5	3.5
I98313	CO 51715, MONTROSE	13	14.1	38.8	35.5	82.0	3.0	43.0	3.5
I99540	Bill Z	9	13.8	38.4	35.0	83.5	3.0	43.5	3.5
I10109	WINDBREAKER	2	13.5	42.3	37.0	81.0	1.5	45.0	4.0
I91119	WM2-89-5 NE, CHASE	11	12.6	40.4	38.0	82.0	3.0	42.5	3.0
P04205	P99119/G99750, SANTA FE	14	12.1	44.8	35.5	82.5	1.0	48.5	5.0
AVERAGE OF PRECEDING 14 MEANS			14.9	41.4	35.9	82.8	2.1	46.0	4.1
LSD (P=.05)			3.3	3.0	0.6	0.4	0.4	1.1	0.4
LSD (P=.01)			4.3	3.9	0.8	0.6	0.5	1.5	0.5
COEFFICIENT OF VARIATION (%)			15.7	5.1	1.2	0.4	13.1	1.8	6.5

EXPERIMENT 0915 STANDARD ORGANIC YIELD TRIAL				PLANTING DATE 06/17/10			
ENTRY	NAMES	NO.	YIELD CWT /ACRE	100 SEED WT.	DAYS TO FLOWER	DES. SCORE	CBB SCORE
B09199	B05055/B04587	32	23.0	21.1	40.5	4.0	0.50
B09204	B05054/B04588	25	22.3	19.0	42.0	4.0	0.67
B09102	N05311/X06121	30	22.0	16.7	39.0	5.0	4.33
N09034	B05055/B05070	11	20.8	18.8	40.5	4.5	1.13
B09197	B05055/B04588	24	20.7	19.2	40.0	3.0	0.67
N09178	B04554/N05357	9	20.6	17.6	39.5	5.0	1.13
N09020	N05319/B04316	18	20.5	17.6	41.5	4.5	0.88
B09196	B05055/B04588	31	19.5	18.6	42.5	3.0	0.45
B09175	N05311/B05055	28	19.4	22.1	41.0	4.5	3.83
N09035	B05055/B05070	17	18.9	19.8	40.0	4.0	1.38
N09041	B05070/B05044	15	18.3	19.5	40.5	4.0	1.50
N09056	N04152/N05346	12	17.8	19.6	39.5	5.0	1.88
N09017	N04109/N04120	10	17.8	17.0	39.0	3.5	3.67
B09135	B04316/B05040	23	17.1	19.8	43.0	4.0	1.00
I81066	SEL-BTS, T39	19	16.5	18.1	42.0	3.0	3.17
N09046	B04554/N05357	13	16.1	17.4	40.5	5.5	1.50
B09201	B04444/B05044	35	16.0	14.8	42.5	4.0	0.63
B09101	N05311/X06121	27	15.2	16.4	40.0	4.5	4.00
N05311	N03611/B01749	7	14.6	17.1	40.0	4.0	3.63
B04554	B00103* / X00822, ZORRO	20	14.3	18.3	42.5	4.0	3.67
N09175	N05311/B05055	14	14.0	20.3	43.0	3.0	3.38
N09053	N04154/I04101	16	13.9	17.3	40.0	4.0	3.50
B95556	B90211/N90616, JAGUAR	21	13.7	16.2	42.0	4.5	3.75
I92002	C-20*6/CN49-242, VISTA	8	13.4	16.9	39.5	3.0	3.25
N56001	X-RAY MUT/MIC, SANILAC	3	12.7	18.5	34.5	2.5	4.17
I07112	R99 (NO-NOD.)	4	12.4	15.8	41.0	2.5	4.00
I82054	PUEBLA 152 MX	22	11.7	25.3	52.0	2.0	2.75
B09211	B04644/B04588	34	11.6	19.1	40.5	3.5	4.13
I08958	MEDALIST	5	11.2	17.0	38.0	4.0	4.17
B09212	B04644/B04588	33	10.9	19.7	43.0	3.0	4.38
B09174	N05311/B05055	29	10.1	20.5	43.0	4.0	3.88
B09210	B04644/B04588	36	9.7	18.3	43.5	3.0	4.13
B09209	B04644/B04588	26	8.5	17.6	42.5	4.0	3.83
I92001	ALBION	1	7.9	16.3	40.0	2.0	4.50
I94240	VOYAGER	2	6.2	18.1	36.0	1.0	4.75
N67001	SEAFARER	6	6.1	16.1	39.5	2.0	4.85
AVERAGE OF PRECEDING 36 MEANS			15.1	18.4	40.9	3.6	2.65
LSD (P=.05)			7.9	1.2	1.4	0.7	0.97
LSD (P=.01)			10.3	1.5	1.8	0.9	
COEFFICIENT OF VARIATION (%)			37.1	29]	2.4	13.3	

EXPERIMENT 0420 PLH TRIAL

PLANTING DATE 06/18/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	LODGING	HEIGHT	PLH	LEAF
		/ACRE	WT.	FLOWER				COUNT	CURL
10T9118	MATTERHORN*/EMP507	18	36.6	33.6	44.7	3.3	14.3	3.0	2.0
10T9136	MATTERHORN*/EMP507	36	36.5	32.2	37.3	3.7	15.0	1.3	2.0
10T9119	MATTERHORN*/EMP507	19	35.3	32.1	45.3	3.3	17.7	1.5	2.0
10T9166	MATTERHORN*/EMP507	66	34.9	37.1	41.7	3.3	14.7	1.7	1.3
10T9114	MATTERHORN*/EMP507	14	34.3	32.5	43.0	2.7	21.3	3.0	2.0
10T9162	MATTERHORN*/EMP507	62	33.2	32.0	37.3	3.3	14.7	1.5	2.0
10T9138	MATTERHORN*/EMP507	38	33.0	31.4	37.7	3.0	17.3	2.8	2.7
10T9161	MATTERHORN*/EMP507	61	32.6	35.0	40.3	3.0	17.7	2.5	2.0
10T9146	MATTERHORN*/EMP507	46	32.4	32.7	37.7	1.7	21.3	1.6	2.3
10T9121	MATTERHORN*/EMP507	21	32.0	30.1	46.3	2.5	19.3	2.8	2.3
10T9128	MATTERHORN*/EMP507	28	31.2	35.1	37.3	2.7	25.7	3.5	1.7
107152	E 507	77	31.2	27.2	42.7	3.7	15.3	3.3	1.7
10T9153	MATTERHORN*/EMP507	53	31.0	29.0	40.7	1.7	20.0	0.9	1.7
10T9141	MATTERHORN*/EMP507	41	30.9	32.9	36.7	1.7	21.7	2.7	2.0
10T9157	MATTERHORN*/EMP507	57	30.7	31.6	39.7	2.7	16.7	2.9	2.7
10T9131	MATTERHORN*/EMP507	31	30.5	33.3	45.7	3.0	17.7	1.5	2.7
10T9132	MATTERHORN*/EMP507	32	29.6	30.4	41.3	2.3	20.0	3.4	2.0
10T9170	MATTERHORN*/EMP507	70	29.6	31.9	36.7	1.7	18.7	1.7	3.0
10T9151	MATTERHORN*/EMP507	51	29.5	32.7	41.3	2.3	20.0	2.1	1.7
10T9164	MATTERHORN*/EMP507	64	29.0	29.5	36.0	3.0	14.7	3.7	2.0
10T9112	MATTERHORN*/EMP507	12	28.9	32.0	37.0	2.3	17.7	2.1	2.7
10T9107	MATTERHORN*/EMP507	7	28.8	32.1	37.7	2.0	19.3	2.2	3.0
10T9156	MATTERHORN*/EMP507	56	28.7	31.8	37.7	2.3	18.3	1.4	2.0
10T9163	MATTERHORN*/EMP507	63	28.6	33.8	36.7	1.3	20.7	3.9	2.7
10T9117	MATTERHORN*/EMP507	17	28.6	32.6	42.7	3.0	15.3	1.7	2.3

EXPERIMENT 0420 PLH TRIAL

PLANTING DATE 06/18/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	LODGING	HEIGHT	PLH	LEAF
		/ACRE	/ACRE	WT.	FLOWER			COUNT	CURL
10T9173	MATTERHORN*/EMP507	73	28.5	31.3	36.7	3.0	13.0	1.8	2.0
10T9135	MATTERHORN*/EMP507	35	28.5	28.1	43.0	2.3	19.0	1.1	2.0
10T9115	MATTERHORN*/EMP507	15	28.4	35.2	37.3	2.7	19.3	2.7	2.0
10T9155	MATTERHORN*/EMP507	55	28.4	32.5	36.3	2.0	19.0	1.4	2.3
10T9174	MATTERHORN*/EMP507	74	28.4	30.1	36.7	3.7	12.0	3.1	2.7
10T9116	MATTERHORN*/EMP507	16	28.1	29.2	37.3	1.3	24.3	2.7	2.3
10T9111	MATTERHORN*/EMP507	11	28.0	30.8	44.3	3.0	16.0	6.0	2.0
10T9169	MATTERHORN*/EMP507	69	27.8	29.2	36.0	2.7	17.7	1.2	1.7
I07153	E 509	78	27.4	25.2	40.7	2.7	16.3	2.8	2.3
10T9165	MATTERHORN*/EMP507	65	27.2	31.7	36.7	3.0	16.0	4.6	2.7
10T9126	MATTERHORN*/EMP507	26	27.2	29.5	40.0	2.7	18.0	1.7	2.0
10T9172	MATTERHORN*/EMP507	72	27.0	30.5	36.3	3.0	18.7	1.7	2.0
10T9113	MATTERHORN*/EMP507	13	26.9	28.7	41.7	3.7	12.0	2.1	3.3
10T9167	MATTERHORN*/EMP507	67	26.6	28.4	36.7	2.0	16.0	2.1	2.7
10T9108	MATTERHORN*/EMP507	8	26.5	28.1	40.0	1.0	25.0	4.2	2.3
10T9104	MATTERHORN*/EMP507	4	26.4	30.8	43.7	3.3	18.7	1.2	1.7
10T9120	MATTERHORN*/EMP507	20	26.4	30.5	37.0	2.0	18.7	2.7	2.3
10T9145	MATTERHORN*/EMP507	45	26.2	27.1	38.3	2.3	19.0	3.4	2.3
10T9109	MATTERHORN*/EMP507	9	26.1	32.1	42.7	3.0	16.7	3.5	2.7
10T9158	MATTERHORN*/EMP507	58	26.0	31.7	43.7	3.0	18.3	3.0	2.3
10T9160	MATTERHORN*/EMP507	60	26.0	30.9	40.0	2.0	20.3	4.1	1.7
10T9149	MATTERHORN*/EMP507	49	26.0	31.3	44.0	3.7	17.0	0.9	2.3
G93414	MATTERHORN	76	25.9	32.7	36.3	1.7	21.0	3.0	2.3
10T9134	MATTERHORN*/EMP507	34	25.8	33.9	37.0	3.0	16.7	2.1	2.3
10T9150	MATTERHORN*/EMP507	50	25.8	34.2	37.0	2.0	22.7	3.3	1.7
10T9129	MATTERHORN*/EMP507	29	25.4	27.3	45.3	4.0	10.7	3.3	2.3
10T9171	MATTERHORN*/EMP507	71	25.4	27.1	42.0	3.0	19.0	3.1	2.0
10T9127	MATTERHORN*/EMP507	27	25.3	28.7	37.0	3.0	16.7	4.8	3.3
10T9159	MATTERHORN*/EMP507	59	25.2	31.7	43.7	3.0	17.0	3.0	2.3
10T9130	MATTERHORN*/EMP507	30	25.2	30.3	37.3	1.3	22.0	2.3	2.0

EXPERIMENT 0420 PLH TRIAL

PLANTING DATE 06/18/10

ENTRY	NAMES	NO.	YIELD CWT	100 SEED	DAYS TO	LODGING	HEIGHT	PLH	LEAF
		/ACRE	/ACRE	WT.	FLOWER			COUNT	CURL
10T9147	MATTERHORN*/EMP507	47	25.1	30.6	36.7	3.0	15.3	1.1	2.0
10T9168	MATTERHORN*/EMP507	68	24.6	31.9	37.7	2.0	18.7	4.3	3.0
10T9152	MATTERHORN*/EMP507	52	24.6	28.2	36.7	3.0	15.3	2.0	2.0
10T9139	MATTERHORN*/EMP507	39	24.5	29.8	38.0	3.0	17.0	1.0	2.0
10T9175	MATTERHORN*/EMP507	75	24.3	30.1	38.7	1.0	22.7	4.0	2.0
10T9137	MATTERHORN*/EMP507	37	24.2	28.7	36.0	1.7	18.0	2.2	3.0
10T9133	MATTERHORN*/EMP507	33	24.2	34.4	37.7	3.0	16.7	3.3	2.7
10T9124	MATTERHORN*/EMP507	24	23.9	30.5	37.7	3.0	17.3	2.5	2.7
10T9106	MATTERHORN*/EMP507	6	23.4	34.1	38.3	3.3	15.3	2.8	2.3
10T9142	MATTERHORN*/EMP507	42	23.2	28.8	39.3	4.0	15.7	2.7	2.0
10T9110	MATTERHORN*/EMP507	10	23.2	32.1	37.3	1.0	20.3	2.0	2.0
10T9101	MATTERHORN*/EMP507	1	22.9	29.3	42.3	3.0	16.3	1.3	2.7
10T9122	MATTERHORN*/EMP507	22	22.6	27.5	36.3	2.3	15.0	1.3	2.7
10T9144	MATTERHORN*/EMP507	44	22.6	29.7	36.3	2.0	16.7	2.3	3.0
10T9148	MATTERHORN*/EMP507	48	22.5	30.8	37.0	1.3	20.3	3.6	2.3
10T9143	MATTERHORN*/EMP507	43	22.2	32.4	37.0	2.7	16.3	2.1	2.3
P86299	PRS- C3S3, SIERRA	80	21.7	34.6	42.7	4.3	8.7	1.0	1.7
10T9102	MATTERHORN*/EMP507	2	20.9	29.2	36.7	2.3	18.7	3.2	3.3
10T9125	MATTERHORN*/EMP507	25	20.8	32.0	41.7	3.3	14.7	3.0	2.0
10T9140	MATTERHORN*/EMP507	40	20.6	31.6	39.7	3.0	15.0	2.6	2.7
10T9103	MATTERHORN*/EMP507	3	19.0	26.1	36.7	3.0	17.3	1.8	2.7
10T9105	MATTERHORN*/EMP507	5	18.0	28.7	36.3	2.7	16.3	1.6	2.3
I10130	SWEDISH BROWN	79	15.5	39.3	35.3	1.3	15.0	3.8	4.3
10T9154	MATTERHORN*/EMP507	54	15.3	29.7	40.0	2.7	19.7	1.0	1.7
10T9123	MATTERHORN*/EMP507	23	14.4	30.0	37.0	1.7	19.7	2.3	3.0
AVERAGE OF PRECEDING 80 MEANS			26.7	31.0	39.2	2.6	17.7	2.5	2.3
LSD (P=.05)			9.9	3.9	3.8	1.1	5.0	2.5	0.9
LSD (P=.01)			12.9	5.0	4.9	1.5	6.5	3.3	1.1
COEFFICIENT OF VARIATION (%)			22.8	7.6	5.9	26.3	17.2	62.2	22.6