

2014 DRY BEAN YIELD TRIALS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	ENTRIES	DESIGN	REPS	HARVEST METHOD
4101	STANDARD NAVY BEAN YIELD TRIAL	06/04/14	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
4102	STANDARD BLACK BEAN YIELD TRIAL	06/04/14	SVR&EC	FRANKENMUTH 30	REC. LATTICE	4	DIRECT HARVESTED
4103	PRELIMINARY NAVY BEAN YIELD TRIAL	06/04/14	SVR&EC	FRANKENMUTH 48	ALPHA LATTICE	3	DIRECT HARVESTED
4104	PRELIMINARY BLACK BEAN YIELD TRIAL-1	06/04/14	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	3	DIRECT HARVESTED
4105	PRELIMINARY BLACK BEAN YIELD TRIAL-2	06/04/14	SVR&EC	FRANKENMUTH 72	REC. LATTICE	3	NOT HARVESTED
4106	STANDARD GREAT NORTHERN YIELD TRIAL	06/04/14	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
4107	STANDARD PINTO BEAN YIELD TRIAL	06/04/14	SVR&EC	FRANKENMUTH 30	REC. LATTICE	4	DIRECT HARVESTED
4108	STANDARD PINK & SMALL RED YLD TRIAL	06/05/14	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
4109	PRELIMINARY GREAT NORTHERN YLD TRIAL	06/05/14	SVR&EC	FRANKENMUTH 32	ALPHA LATTICE	3	DIRECT HARVESTED
4110	PRELIMINARY RED GENETIC YIELD TRIAL-106/05/14		SVR&EC	FRANKENMUTH 40	ALPHA LATTICE	3	DIRECT HARVESTED
4111	PRELIMINARY RED GENETIC YIELD TRIAL-206/05/14		SVR&EC	FRANKENMUTH 80	ALPHA LATTICE	3	DIRECT HARVESTED
4112	PRELIMINARY RED GENETIC YIELD TRIAL-306/05/14		SVR&EC	FRANKENMUTH 56	REC. LATTICE	3	DIRECT HARVESTED
4113	MIDWEST & CO-OP. REGIONAL TRIAL	06/05/14	SVR&EC	FRANKENMUTH 48	ALPHA LATTICE	3	DIRECT HARVESTED
4914	ORGANIC YIELD TRIAL	06/16/14		CARO 36	SQ. LATTICE	4	DIRECT HARVESTED
4915	ORGANIC YIELD TRIAL	06/20/14		SNOVER 36	SQ. LATTICE	4	DIRECT HARVESTED
4216	STANDARD KIDNEY YIELD TRIAL	06/13/14	MRF	MONTCALM 36	SQ. LATTICE	4	ROD PULLED
4217	PRELIMINARY BUSH KIDNEY YIELD TRIAL	06/13/14	MRF	MONTCALM 30	REC. LATTICE	3	ROD PULLED
4218	STANDARD CRANBERRY YIELD TRIAL	06/13/14	MRF	MONTCALM 30	REC. LATTICE	4	ROD PULLED
4219	WHITE MOLD NATIONAL YIELD TRIAL	06/13/14	MRF	MONTCALM 64	SQ. LATTICE	3	DIRECT HARVESTED
4220	NATIONAL DRY BEAN DROUGHT TRIAL	06/05/14	SVR&EC	FRANKENMUTH 24	ALPHA LATTICE	3	DIRECT HARVESTED

SVR&EC: SAGINAW VALLEY RESEARCH & EXTENSION CENTER; MRF: MONTCALM RESEARCH FARM

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

FRANKENMUTH:FERTILIZER BROADCAST: 400 POUNDS OF 15-5-13 + S, ZN, MN, CU PRIOR TO PLANTING.

HERBICIDES APPLIED: 1.0 PT DUAL + 1.5 QT. EPTAM APPLIED PPI.

ENTRICAN: FERTILIZER BROADCAST: 200 POUNDS OF 19-10-19 PRIOR TO PLANTING. 50 POUNDS 46-0-0 SIDE DRESSED ON JULY 17.

HERBICIDES APPLIED: 2 PT. SONALAN/1.25 QT EPTAM/2PT. DUAL PPI. 4 OZ. RAPTOR/1 PT REFLEX/1 PT BASAGRAN ON 7/10/14.
PESTICIDES APPLIED: 9 OZ. ASANA ON JULY 10.

IRRIGATION APPLIED: 4.00 INCHES ON WHITE MOLD TRIALS - 6 APPLICATIONS; 2.70 INCHES ON STANDARD YIELD TRIALS - 4 APPLICATIONS

EXPERIMENT 4101 STANDARD NAVY YIELD TRIAL								PLANTED: 6/4/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N13131	N09175/N08007	25	40.8	21.7	47.0	94.0	1.0	53.0	5.5
N11264	N08003/MEDALIST	4	39.9	21.6	46.0	94.0	1.0	48.5	4.0
N12467	N08010/N08007	8	39.1	17.4	47.0	93.0	1.0	54.5	5.5
N13120	N08003/N05324	30	39.0	22.7	46.0	94.0	1.5	51.5	5.0
N12447	B09174/N09056	6	38.9	22.6	46.0	95.0	1.0	55.0	5.8
I14503	OB-1723-03	32	38.9	18.5	46.0	98.0	2.0	50.5	3.8
N13139	N05324/MEDALIST	24	38.9	19.9	45.0	94.0	1.5	52.5	4.8
N13142	N08007/N09046	29	37.7	19.3	48.0	96.0	1.0	52.5	5.5
N12454	B09174/N09056	2	37.6	21.2	46.0	95.0	1.0	53.0	4.8
N13115	N08003/N05324	31	37.5	21.1	45.0	94.0	1.5	50.5	5.8
N12457	B09174/N09056	10	37.1	20.3	46.0	93.0	1.0	49.0	5.3
N11283	MEDALIST/N08003, ALPENA	13	36.8	19.2	46.0	94.0	1.0	50.5	4.5
N12440	N09056/N09175	1	36.6	20.6	47.0	95.0	1.0	49.5	5.0
I08902	HYLAND T9905	11	36.5	22.9	46.0	96.0	1.5	49.5	4.0
I14502	FATHOM	36	36.1	24.9	41.0	99.0	2.0	49.0	3.0
I14504	OB-4048-03	34	36.0	19.7	47.0	96.0	2.0	47.5	3.8
N11257	N07009/MEDALIST	16	35.8	19.2	46.0	93.0	1.0	50.0	5.0
N11298	MEDALIST//B05054/B04588	15	34.9	21.2	46.0	95.0	1.0	49.5	4.0
I11264	COOP 03019, MERLIN	5	34.8	20.9	47.0	98.0	2.0	49.5	4.0
N13140	N05324/MEDALIST	22	34.7	19.3	46.0	94.0	1.0	52.0	4.8
I08958	Mayflower/Avanti, MEDALIST	20	34.5	19.9	47.0	96.0	1.5	52.5	3.8
N13124	N08007/N05324	23	34.5	18.9	46.0	94.0	1.0	51.5	5.3
N13122	N08003/N05324	33	34.4	23.1	45.0	94.0	1.5	51.0	5.0
N12453	N09065/N09050	12	34.3	21.8	45.0	93.0	1.5	48.5	4.8
N14247	B11343/B11271	17	33.4	18.9	47.0	95.0	1.0	58.0	5.8
N13135	N10102/N09046	26	33.3	18.4	48.0	94.0	1.0	50.5	4.8
N12466	N08010/N08007	7	33.1	17.4	48.0	94.0	1.0	48.0	4.5
N13108	VIGILANT//AVALANCHE/N09054	35	32.8	21.4	46.0	94.0	1.0	47.5	4.0
N11231	N05311//BMD12/B04587	9	32.0	17.1	46.0	93.0	1.0	48.0	4.5
I14527	ND070326	27	31.4	20.9	47.0	94.0	1.0	49.5	4.3
I92002	C-20*3//GTS-0801/Seafarer, VISTA	3	31.2	19.2	47.0	95.0	2.0	51.0	4.0
I12301	INDI	21	30.3	18.7	46.0	94.0	1.0	49.0	4.0
N14246	B10238/B11271	14	30.1	16.9	46.0	93.0	1.0	49.5	5.0
N13136	N10102/B09200	28	29.2	18.1	43.0	93.0	1.0	48.0	3.8
I13416	ND02-220-01N	19	28.3	20.4	48.0	93.0	1.5	50.0	2.8
N11277	N08010/N08007	18	26.2	18.5	48.0	93.0	1.0	50.0	4.0
MEAN (36)			34.9	20.1	45.9	94.3	1.3	50.6	4.5
LSD (.05)			4.1	1.0	1.9	1.5	0.6	3.6	0.8
CV (%)			9.9	4.2	2.5	0.9	26.7	4.2	15.7

EXPERIMENT 4102 STANDARD BLACK YIELD TRIAL								PLANTED: 6/4/14	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
B12720	B09175/Eclipse	18	46.1	26.7	47.0	94.0	1.0	50.5	5.0
B13218	B09175/I09215	26	43.7	28.6	47.0	96.0	1.5	53.5	5.0
B12724	B09184/B09135	23	43.5	22.5	47.0	95.0	1.0	51.5	5.5
B11371	B05055/B04587	5	42.9	22.1	47.0	95.0	1.0	52.0	5.8
B11363	B04644/B07554	17	41.3	22.8	48.0	94.0	1.0	51.5	4.8
I14528	ND071206	8	41.2	23.4	48.0	97.0	2.0	52.0	3.8
B13223	PR0443-151/B09175	28	41.1	24.4	47.0	96.0	2.0	52.5	5.5
B13225	PR0443-151/B09175	24	41.0	24.2	47.0	96.0	2.0	53.0	4.8
B12715	Zorro/N09056	21	40.3	21.0	46.0	93.0	1.0	49.0	4.0
I13436	GTS-1103	13	39.5	23.7	48.0	96.0	2.0	52.5	4.0
B13204	B09174/VCW54-1	25	39.2	27.5	47.0	96.0	2.0	51.0	5.0
B13220	B09175/TARS-MST1	27	38.4	22.5	46.0	94.0	1.5	51.0	5.0
I07116	T-39/Midnight, SHANIA	9	37.8	20.7	48.0	97.0	2.0	51.0	3.3
I14518	96-148	12	37.5	25.6	48.0	96.0	1.5	51.0	2.5
B12712	B07554//Jaguar/B07554	7	37.4	21.2	46.0	93.0	1.5	50.5	4.8
I03390	ND9902621-2, ECLIPSE	30	37.4	20.9	47.0	93.0	1.0	51.5	4.5
I13419	NDF09304	6	37.1	19.2	46.0	93.0	1.0	48.5	4.8
B11311	B04587//ZORRO/DPC-1	19	36.8	20.2	47.0	94.0	1.0	50.0	5.0
B04554	B00103*/X00822, ZORRO	20	35.5	22.2	48.0	95.0	1.0	53.0	4.5
I14505	COB-83-03	14	35.2	23.0	47.0	95.0	1.5	49.0	3.5
B11364	B04644/B07554	16	35.1	22.7	47.0	94.0	1.5	51.0	4.3
B12711	B07554//Jaguar/B07554	10	35.1	23.7	48.0	93.0	1.0	49.5	4.3
B11312	B04587//B05070/B05044	2	34.3	21.9	47.0	94.0	1.0	48.5	4.0
B13213	B09175/JAGUAR	29	34.3	26.0	47.0	93.0	1.0	46.5	3.8
B10244	B04644/ZORRO, ZENITH	1	34.2	22.0	47.0	92.0	1.0	50.5	4.0
B12710	B07554//Jaguar/B07554	4	33.0	24.1	47.0	93.0	1.0	46.0	3.8
B12721	B09175/Eclipse	3	32.8	24.3	47.0	93.0	1.0	49.0	4.5
I81066	SEL-BTS, T-39	22	30.5	21.3	48.0	96.0	3.0	46.0	2.8
I14506	COB-698-03	15	28.4	22.5	47.0	94.0	1.5	44.5	3.5
B12713	B07554//Jaguar/B07554	11	28.2	20.8	47.0	92.0	1.0	46.5	4.0
MEAN (30)			37.3	23.0	46.9	94.2	1.4	50.1	4.3
LSD (.05)			3.3	1.4	1.0	1.9	0.6	3.1	0.7
CV (%)			7.6	5.0	1.3	1.2	24.7	3.6	12.9

EXPERIMENT 4103 PRELIMINARY NAVY YIELD TRIAL								PLANTED: 6/4/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N14230	N11275/N11256	30	45.1	18.4	49.0	95.0	1.7	54.7	6.3
N14231	N11275/N11264	31	44.0	22.6	46.0	94.0	1.3	53.0	5.3
N14215	N11256/N11292	15	43.4	20.8	46.0	93.0	1.0	49.0	4.7
N14218	N11256/N11298	18	42.8	18.9	49.0	94.0	1.0	52.0	5.7
N14202	N11249/N11256	2	42.7	23.7	48.0	96.0	2.0	54.0	5.7
N14223	N11257/N11256	23	42.4	18.9	48.0	95.0	2.0	52.7	5.3
N14241	N11283/N11264	41	42.3	22.2	47.0	93.0	1.3	51.3	4.7
N14209	N11256/N11262	9	42.2	22.3	46.0	92.0	1.0	52.3	5.3
N14238	N11283/N11249	38	42.0	20.1	46.0	93.0	1.0	52.7	5.0
I11264	COOP 03019, MERLIN	47	41.7	21.2	47.0	96.0	1.7	51.3	4.0
N14240	N11283/N11264	40	41.6	20.3	47.0	93.0	1.3	50.3	4.7
N14208	N11256/N11262	8	41.6	21.9	45.0	92.0	1.0	51.7	4.7
N14229	N11275/N11256	29	41.5	18.0	46.0	94.0	1.0	52.7	6.0
N14206	N11256/N11258	6	41.5	20.0	46.0	93.0	1.0	50.3	5.7
N14212	N11256/N11262	12	41.3	20.9	47.0	94.0	1.0	50.7	5.7
N14243	N11284/N11277	43	41.2	19.6	48.0	93.0	1.0	51.7	5.7
N14214	N11256/N11278	14	40.9	24.2	47.0	94.0	1.7	52.7	3.7
N14217	N11256/N11292	17	40.8	18.1	47.0	93.0	1.0	52.0	5.7
N14201	N11249/N11256	1	40.8	19.2	49.0	95.0	1.3	54.7	6.0
N14216	N11256/N11292	16	40.3	20.0	47.0	93.0	1.0	50.0	5.3
N14205	N11256/N11258	5	40.2	19.7	46.0	93.0	1.0	50.7	5.3
N14221	N11257/N11249	21	40.1	20.9	46.0	94.0	1.0	51.7	5.3
N14224	N11257/N11280	24	40.0	19.2	47.0	93.0	1.0	50.3	5.0
N14210	N11256/N11262	10	39.9	24.3	46.0	93.0	1.0	52.0	5.3
N14204	N11256/N11249	4	39.7	17.6	46.0	93.0	1.0	51.0	5.0
N14233	N11277/N11282	33	39.6	19.9	45.0	92.0	1.0	50.0	4.3
N14219	N11257/N11249	19	39.5	19.5	45.0	94.0	1.0	52.3	5.3
N14242	N11283/N11282	42	39.3	20.7	47.0	93.0	1.0	48.7	4.0
N14225	N11257/N11280	25	39.1	20.8	46.0	94.0	1.3	52.0	5.3
N11283	MEDALIST/N08003, ALPENA	46	39.0	19.4	47.0	94.0	1.0	51.3	5.0
N14228	N11262/N11257	28	38.8	20.0	46.0	92.0	1.0	49.7	5.0
N14222	N11257/N11256	22	38.8	19.1	47.0	93.0	1.0	49.3	5.0
N14239	N11283/N11264	39	38.5	20.2	46.0	93.0	1.0	50.0	4.7
N14234	N11277/N11284	34	37.9	21.5	47.0	93.0	1.0	50.0	4.7
N14226	N11258/N11262	26	37.7	19.9	45.0	93.0	1.0	48.7	5.0

EXPERIMENT 4103 PRELIMINARY NAVY YIELD TRIAL								PLANTED: 6/4/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N14237	N11283/N11249	37	37.5	20.5	47.0	92.0	1.0	49.0	4.3
N14211	N11256/N11262	11	37.1	17.2	47.0	92.0	1.3	50.3	5.0
N14213	N11256/N11278	13	37.0	18.7	47.0	93.0	1.0	48.7	5.0
N14232	N11275/N11264	32	37.0	21.8	47.0	93.0	1.0	51.0	4.3
I08958	Mayflower/Avanti, MEDALIST	48	36.9	20.5	46.0	95.0	1.3	51.0	4.3
N14235	N11277/MERLIN	35	36.8	18.2	50.0	93.0	1.0	49.7	5.7
N14207	N11256/N11258	7	36.0	17.1	46.0	93.0	1.0	49.7	4.7
N14203	N11249/N11283	3	34.7	17.4	46.0	93.0	1.0	51.0	5.3
N14227	N11262/N11249	27	34.6	18.1	46.0	92.0	1.0	50.0	4.0
N14244	B09197/B11334	44	34.0	17.1	49.0	93.0	1.0	49.7	4.7
N14220	N11257/N11249	20	32.1	17.0	45.0	92.0	1.0	49.7	5.0
N14236	N11283/N11249	36	31.9	19.8	46.0	92.0	1.0	48.7	4.0
N14245	B09197/N11283	45	31.8	17.4	45.0	94.0	1.0	49.7	4.7
MEAN (48)			39.3	19.9	46.4	93.4	1.1	50.9	5.0
LSD (.05)			3.8	0.8	1.5	0.9	0.3	2.0	0.8
CV (%)			7.1	3.0	1.9	0.7	20.5	2.9	11.0

EXPERIMENT 4104 PRELIMINARY BLACK YIELD TRIAL

PLANTED: 6/4/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
B14311	B11338/B10241	11	51.3	22.0	47.0	94.0	1.0	51.7	5.7
B14302	B09197/B11334	2	49.5	19.5	49.0	94.0	1.0	52.0	6.7
B11555	I82054/B07554	27	49.4	26.4	47.0	97.0	1.3	50.3	3.7
B14303	B09197/B11334	3	46.1	20.6	48.0	94.0	1.0	52.3	6.0
B14307	B11271/B11343	7	44.9	25.5	47.0	93.0	2.0	53.7	4.7
B14310	B11338/B10241	10	44.9	20.7	47.0	93.0	1.0	48.7	5.3
B10244	B04644/ZORRO, ZENITH	34	43.1	23.6	48.0	93.0	1.0	50.0	4.7
B14308	B11301/B10222	8	43.0	21.0	51.0	94.0	1.0	52.0	5.7
B11569	I82054/B07554	30	42.9	23.9	49.0	99.0	2.0	53.3	3.3
B14309	B11338/B10222	9	42.8	19.1	47.0	94.0	1.0	52.3	5.0
B11551	I82054/B07554	28	42.6	31.9	49.0	99.0	2.7	49.0	3.3
B11548	I82054/B07554	26	41.7	24.1	50.0	103.0	2.0	54.7	3.3
B14313	B11343/B09196	13	41.6	20.2	48.0	93.0	1.0	50.0	5.7
B14312	B11343/B09196	12	41.6	18.5	47.0	93.0	1.0	49.7	4.7
B11519	I82054/B07554	25	41.5	22.3	50.0	95.0	1.3	47.3	4.0
B04554	B00103*/X00822, ZORRO	33	41.4	22.5	47.0	95.0	1.3	50.7	4.7
B14316	I11265/B10202	16	41.2	18.5	51.0	93.0	1.0	49.3	4.7
I07116	T-39/Midnight, SHANIA	35	40.7	22.4	49.0	97.0	2.0	52.0	4.0
B95556	B90211/N90616, JAGUAR	36	40.4	21.1	47.0	92.0	1.0	49.3	4.0
B14304	B10213/B11271	4	38.0	19.8	50.0	94.0	1.7	52.3	5.7
B11567	I82054/B07554	29	38.0	24.2	52.0	96.0	2.0	50.3	3.7
B14314	B09197//B10203/I09129	14	37.6	23.6	49.0	94.0	1.7	51.0	5.0
B14301	N11277/B09197	1	37.6	21.1	48.0	93.0	1.0	48.0	5.0
B14305	B10213/B11343	5	36.4	20.1	49.0	92.0	1.0	49.3	4.7
B14315	B09197//B10203/I09129	15	36.0	20.5	48.0	93.0	2.0	48.3	4.7
I81010	JAPON3/MAGDALENE, BUNSI	32	34.0	22.4	40.0	98.0	2.7	45.0	3.3
B14306	B10222/B09197	6	31.2	19.2	51.0	93.0	1.0	51.0	5.0
I07112	R99 NO NOD	31	28.5	20.1	47.0	95.0	1.3	49.3	3.7
B14318	Zorro*3/R99	18	13.6	19.1	47.0	101.0	1.3	51.0	3.3
B14324	Zorro*3/R99	24	12.2	19.2	48.0	100.0	1.3	49.3	3.3
B14323	Zorro*3/R99	23	10.5	19.8	48.0	100.0	1.0	49.0	3.3
B14319	Zorro*3/R99	19	10.4	19.3	49.0	101.0	1.0	49.3	3.3
B14320	Zorro*3/R99	20	10.4	17.8	49.0	101.0	1.3	51.3	3.0
B14317	Zorro*3/R99	17	10.2	19.6	48.0	97.0	1.0	47.3	3.3
B14321	Zorro*3/R99	21	10.0	17.9	48.0	99.0	1.0	48.3	3.7
B14322	Zorro*3/R99	22	8.8	17.8	48.0	101.0	1.0	49.0	3.0
MEAN (36)			34.3	21.3	48.0	95.9	1.4	50.2	4.3
LSD (.05)			6.5	1.6	1.1	2.2	0.2	1.6	0.3
CV (%)			14.0	5.5	1.3	1.7	11.0	2.3	5.7

EXPERIMENT 4106 STANDARD GREAT NORTHERN YIELD TRIAL								PLANTED: 6/4/14	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
G13479	Eldorado/G09312	19	34.8	30.5	42.0	92.0	1.0	46.5	4.8
G12901	G07321/Fuji	1	33.7	27.0	46.0	95.0	1.0	49.5	4.0
G13444	G07302//G08274/P08410	23	33.1	36.2	40.0	91.0	1.0	46.5	5.0
G14530	P11518/G11405	35	32.9	35.0	48.0	95.0	1.0	58.5	5.0
G13423	Powderhorn//Eldorado/G09312	27	32.7	36.0	42.0	93.0	1.5	49.0	4.5
G13468	G08259//Eldorado/G08210	21	31.7	35.7	45.0	94.0	1.5	49.0	5.3
G11463	G07309//G04207/I07130	8	31.2	39.5	44.0	94.0	2.0	48.0	3.8
G13412	Powderhorn//G09301/Eldorado	14	30.3	31.7	43.0	91.0	1.0	48.5	4.5
G13450	G08217//P08372/P08410	20	30.2	33.1	42.0	91.0	1.0	48.0	5.3
G11438	G07309/P08401	2	30.1	38.9	43.0	94.0	1.5	46.0	4.0
G13408	Powderhorn//G09301/Eldorado	17	29.9	36.4	40.0	90.0	1.0	46.5	3.0
G11440	G07309/P08401	5	29.3	37.0	44.0	93.0	1.5	46.5	4.3
G13406	Powderhorn//G09301/Eldorado	16	29.2	34.6	40.0	91.0	1.0	46.5	3.8
G13452	G08217//P08372/P08410	28	29.1	32.6	41.0	90.0	1.0	48.0	5.0
G13456	G08217//P08372/P08410	25	28.9	30.0	42.0	90.0	1.0	47.0	5.0
G13424	Powderhorn//Eldorado/G09312	15	28.8	37.4	46.0	93.0	1.5	45.0	3.5
G93414	MATTERHORN	26	28.7	34.7	43.0	91.0	2.0	46.5	3.8
G13465	Matterhorn/P05436//Eldorado	13	28.7	37.1	46.0	91.0	1.5	49.5	4.5
I13430	GN10-7	36	28.6	49.4	40.0	95.0	3.0	45.0	3.3
G11429	G07309//G05241/B04588	3	27.9	32.7	47.0	95.0	2.0	48.0	3.8
G11464	G07309//G07302/BMN13	7	27.8	42.8	42.0	92.0	1.0	45.5	3.3
G12508	P08410/G08275	11	27.7	33.1	45.0	91.0	1.0	44.0	4.0
G12502	P08410/G07302	6	27.6	36.0	44.0	91.0	1.0	44.0	3.5
G13417	Powderhorn//G09305/Eldorado	18	27.3	36.3	42.0	91.0	1.0	45.5	3.8
G13447	G08217//G08215/P07407	31	27.2	30.8	42.0	91.0	1.0	49.5	4.5
G13469	G08259//Eldorado/G08210	24	26.7	36.1	46.0	93.0	1.5	47.5	3.0
G13467	Matterhorn/P05436//Eldorado	12	26.1	37.2	47.0	95.0	1.5	51.5	3.0
G13425	Powderhorn//Eldorado/G09312	22	25.9	36.0	42.0	91.0	1.0	47.0	3.8
G08254	G04514/Matterhorn, POWDERHORN	10	25.6	36.1	41.0	92.0	1.0	49.0	4.5
G11431	G07309//G05241/B04588	4	25.2	33.7	44.0	94.0	1.0	47.0	3.8
G13480	Eldorado/G08263	9	24.1	37.6	43.0	93.0	1.0	48.0	3.5
G14529	P08522/G11404	34	23.6	35.4	41.0	92.0	1.0	49.5	5.0
G13426	Powderhorn//Eldorado/G09312	29	23.6	31.2	42.0	91.0	1.5	46.5	4.0
G14528	P08522/G11404	33	23.0	35.7	43.0	91.0	1.0	46.0	4.5
G13409	Powderhorn//G09301/Eldorado	30	21.4	31.0	43.0	91.0	1.0	45.5	3.0
G05922	HIME TEBO*4/MATTERHORN, FUJI	32	17.4	29.9	45.0	95.0	2.5	42.0	3.3
MEAN (36)			28.1	35.1	42.9	92.1	1.3	47.4	4.1
LSD (.05)			3.6	0.6	1.4	0.4	0.5	1.4	0.6
CV (%)			11.0	1.6	1.9	0.3	22.8	1.8	12.9

EXPERIMENT 4107 STANDARD PINTO YIELD TRIAL							PLANTED: 6/4/14			
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	
P07863	AN-37/P02630, ELDORADO	1	39.5	47.4	41.0	96.0	2.0	49.5	4.8	
P14814	P08522/LONG'S PEAK	23	38.6	37.6	49.0	95.0	1.5	49.0	5.0	
P14815	P08522/LONG'S PEAK	24	37.8	39.4	47.0	92.0	1.0	47.5	5.5	
P14811	P08403/G11405	20	37.6	36.6	43.0	92.0	1.0	48.0	4.8	
P14812	P09425/P08161	21	37.5	40.1	44.0	92.0	1.5	48.0	4.3	
P14801	P08162/P11518	10	36.9	38.1	49.0	96.0	2.5	49.0	3.3	
P14802	P08162/P11518	11	36.8	40.1	48.0	95.0	1.5	52.0	4.3	
P14804	P08162/P11518	13	36.7	37.2	47.0	95.0	2.0	52.0	4.3	
P14809	P08162/G11404	18	36.6	38.1	48.0	96.0	2.5	46.5	3.0	
I07113	PNE-6-94-75/Kodiak, LAPAZ	4	36.0	39.3	46.0	95.0	1.0	51.5	4.0	
P11519	SANTA FE/P07806	2	35.9	41.6	49.0	96.0	2.0	51.5	3.8	
P14806	P08162/P11518	15	35.6	37.4	48.0	95.0	2.0	50.0	3.5	
P14818	P09402/P11522	27	35.3	33.8	42.0	94.0	1.0	49.0	4.0	
P13701	G09305/ELDORADO	7	34.9	41.0	43.0	92.0	1.5	48.5	4.5	
P14810	P08403/ND040111-1	19	34.5	48.0	47.0	93.0	1.0	51.0	3.3	
P14816	P08522/LONG'S PEAK	25	34.5	39.1	45.0	92.0	1.0	48.0	5.0	
P11523	P04203/P06125	6	34.3	36.1	43.0	92.0	1.0	46.0	4.8	
P13704	ELDORADO*/P09401	9	33.7	40.1	42.0	92.0	1.0	45.5	3.8	
P14817	P09425/P08175	26	33.4	36.2	48.0	93.0	1.0	47.5	4.3	
P14805	P08162/P11518	14	33.4	37.0	47.0	94.0	1.0	46.5	4.0	
P14821	P11518/G11405	30	33.2	35.8	47.0	96.0	1.5	51.5	4.0	
P12604	P07406/P08401	8	33.1	41.7	44.0	92.0	1.0	46.5	4.0	
P14820	P11518/G11405	29	33.0	42.8	47.0	95.0	1.0	53.0	3.8	
P14803	P08162/P11518	12	32.9	38.4	49.0	97.0	2.0	51.5	3.5	
P14819	P09402/P11522	28	32.4	32.1	41.0	94.0	1.0	49.0	4.3	
P14808	P08162/P11518	17	32.1	32.6	48.0	94.0	1.5	51.5	3.8	
P14813	P09425/P08161	22	32.1	40.4	44.0	92.0	1.0	49.5	5.5	
P12609	P08362/P08401	5	32.0	35.7	43.0	93.0	1.0	48.0	4.3	
P14807	P08162/P11518	16	30.7	33.4	45.0	93.0	1.0	47.5	3.8	
P12606	P07406/P08401	3	29.0	37.7	46.0	94.0	1.0	45.5	3.0	
MEAN (30)			34.7	38.5	45.5	93.6	1.4	49.0	4.1	
LSD (.05)			4.4	0.8	2.0	1.7	0.6	2.2	0.6	
CV (%)			10.8	1.8	2.6	1.1	24.4	2.6	11.8	

EXPERIMENT 4108 STANDARD RED/PINK YIELD TRIAL							PLANTED: 6/5/14			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
R12845	SR9-5/R09508	2	44.5	36.8	45.0	95.0	1.0	52.0	5.8	
I13401	SR 09303	1	43.7	31.2	45.0	95.0	1.5	51.0	3.8	
S14705	Rosetta/S11707	32	40.9	41.5	43.0	94.0	1.5	48.0	5.0	
R13752	R98026/I11207	21	40.3	39.9	45.0	95.0	1.0	51.0	4.8	
R12843	SR9-5/R09508	7	39.7	37.6	45.0	93.0	1.5	50.0	5.5	
R12844	SR9-5/R09508	3	39.6	39.0	44.0	94.0	1.5	52.0	4.8	
S08418	S02754/S04503, ROSETTA	13	39.0	38.1	45.0	95.0	1.0	52.5	5.0	
S14702	S11707/S08419	29	38.8	43.3	46.0	94.0	1.0	50.0	4.5	
S14706	Rosetta/S11707	33	38.5	40.3	43.0	92.0	1.0	49.0	5.5	
S14701	Rosetta/PK7-2	28	38.0	31.9	48.0	95.0	2.0	48.5	3.3	
R13537	R98026/X10316	19	37.0	36.7	44.0	94.0	2.0	50.5	3.5	
S14703	S11707/S08419	30	36.5	40.5	46.0	96.0	1.0	51.0	4.5	
S14704	S11707/S08419	31	36.3	37.3	43.0	96.0	1.0	49.0	5.5	
R13526	X10308/R08514	17	35.8	40.0	43.0	92.0	1.5	50.5	3.8	
R98026	R94037/R94161, MERLOT	16	35.4	38.3	41.0	97.0	2.0	51.0	3.5	
S14708	Rosetta/S11707	35	35.2	42.4	42.0	95.0	1.0	50.0	5.8	
S12906	Rosetta/NDZ06209	8	35.0	34.7	43.0	94.0	1.5	48.5	3.3	
R13771	R98026/I11207	22	34.6	35.5	43.0	94.0	2.0	48.5	3.3	
R13609	I11210/R98026	20	34.6	35.5	45.0	94.0	1.5	47.5	3.0	
R14605	R08512/I10140	27	34.4	31.4	46.0	96.0	1.0	52.5	5.5	
R13538	R98026/X10316	18	34.4	34.0	46.0	93.0	1.5	50.0	3.3	
R12859	R08512/SR9-5	6	34.2	35.7	40.0	91.0	1.0	48.5	4.5	
R12857	R08512/SR9-5	9	33.9	37.6	41.0	92.0	1.0	45.5	4.0	
S14707	Rosetta/S11707	34	33.5	38.5	41.0	93.0	1.0	49.0	5.5	
R12860	R08512/SR9-5	10	33.5	37.1	42.0	91.0	1.0	47.0	4.3	
S00809	R94142/X94076, SEDONA	4	32.7	41.4	45.0	95.0	3.0	49.5	3.3	
R14602	R08512/I10140	24	32.0	27.8	49.0	96.0	1.5	49.5	4.5	
S14709	S11707/X11425	36	32.0	38.5	42.0	94.0	1.0	51.5	4.3	
S12904	Rosetta/PK9-4	12	31.4	34.0	44.0	92.0	1.0	46.0	3.3	
R14603	R08512/I10140	25	31.0	32.2	49.0	98.0	2.0	52.0	3.8	
R14601	I10140//G09303/Merlot	23	30.9	27.4	49.0	97.0	1.5	47.5	4.0	
R12832	SR9-5/Merlot	15	30.5	33.8	40.0	91.0	1.0	47.5	3.0	
S12909	PK9-7/Rosetta	11	29.0	35.4	41.0	92.0	1.0	50.5	3.0	
R12858	R08512/SR9-5	14	28.3	35.9	41.0	92.0	1.0	49.0	3.8	
S12911	PK9-7/Rosetta	5	27.6	38.8	42.0	93.0	1.0	50.0	3.0	
R14604	R08512/I10140	26	27.5	25.6	43.0	91.0	1.0	44.5	3.8	
MEAN (36)			35.0	36.3	43.6	93.7	1.3	49.5	4.2	
LSD (.05)			3.2	0.9	2.3	1.9	0.6	2.1	0.6	
CV (%)			7.7	2.1	3.2	1.2	27.2	2.6	12.8	

EXPERIMENT 4109 PRELIMINARY GREAT NORTHERN YIELD TRIAL								PLANTED: 6/5/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
G14509	G11404/P07863	9	46.8	42.6	43.0	95.0	2.0	52.5	4.3
G14506	G11469/G11417	6	46.1	34.4	46.0	95.0	2.0	52.0	5.0
G14510	G11471/G11469	10	45.5	34.9	47.0	99.0	2.0	49.5	4.0
G14507	G09329/G10412	7	42.9	35.8	45.0	96.0	1.5	51.0	5.0
G13467	Matterhorn/P05436//Eldorado	28	42.6	40.9	46.0	98.0	2.5	54.0	3.3
G14505	G11429/P08175	5	42.5	29.9	44.0	92.0	1.0	49.5	5.0
G14503	G11404/G11469	3	41.9	38.8	42.0	91.0	2.0	49.5	5.0
G14521	P08396/G08157	21	41.5	39.2	44.0	99.0	2.5	52.5	3.3
G14523	P08403/G11405	23	41.2	40.3	40.0	92.0	1.0	49.0	5.0
G14519	P08162/G11404	19	41.2	41.1	44.0	93.0	1.5	49.5	4.7
G14520	P08369/G09303	20	39.6	34.1	46.0	93.0	1.0	50.5	5.0
G14525	P09425/G11429	25	39.2	42.1	40.0	93.0	1.5	49.0	4.7
G14513	G11402/G08254	13	39.0	39.7	43.0	94.0	2.0	51.0	4.0
G14504	G11429/P08175	4	38.7	32.2	43.0	93.0	1.5	48.5	4.7
G14511	G11417/G11404	11	38.4	38.6	41.0	91.0	1.5	49.5	5.0
G93414	MATTERHORN	32	38.3	37.3	42.0	92.0	1.5	47.5	4.7
G14517	G09303/I09207	17	38.2	35.4	42.0	91.0	2.0	50.0	4.3
G14514	G11402/G08254	14	37.9	37.5	43.0	93.0	1.0	48.5	5.3
G14515	G09303/I09207	15	37.7	33.8	43.0	91.0	2.0	52.0	4.7
G14501	G08254/G09312	1	37.5	37.1	44.0	93.0	1.5	49.0	4.7
G14512	G11417/G11404	12	37.5	37.5	43.0	91.0	1.5	47.0	4.7
G14524	P09425/G11429	24	37.4	46.0	43.0	91.0	1.0	50.0	5.3
G12901	G07321/Fuji	29	37.3	28.6	48.0	97.0	2.0	54.5	4.3
G08254	G04514/Matterhorn, POWDERHORN	31	37.3	36.2	42.0	91.0	1.0	50.5	4.3
G14508	G09329/G10412	8	36.4	36.5	45.0	93.0	1.0	50.5	5.7
G14526	P11518/G11417	26	36.4	39.7	44.0	92.0	1.0	51.0	4.7
G14518	P08162/G11404	18	36.1	39.0	43.0	91.0	1.5	46.0	4.0
G14502	G11404/G09312	2	35.5	32.9	46.0	93.0	1.0	46.0	4.3
G14527	P11518/G11417	27	35.4	37.2	42.0	93.0	1.5	52.5	5.7
G14516	G09303/I09207	16	35.2	34.7	42.0	91.0	2.0	49.5	4.0
G14522	P08403/G11404	22	34.9	38.5	43.0	91.0	2.0	53.5	4.7
G05922	HIME TEBO*4/MATTERHORN, FUJI	30	25.8	32.2	45.0	95.0	2.5	46.0	3.0
MEAN (32)			38.8	37.0	43.3	93.0	1.6	50.1	4.6
LSD (.05)			2.4	1.7	1.7	0.8	0.9	1.8	0.7
CV (%)			4.6	3.2	2.3	0.5	30.7	2.0	11.1

EXPERIMENT 4110 PRELIMINARY RED YIELD TRIAL-1

PLANTED: 6/5/14

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
R13628	I11210/R98026	28	41.6	35.3	42.0	103.0	2.0	50.0	4.5
R13632	I11210/R98026	32	37.8	43.1	40.0	102.0	1.0	47.5	4.5
R13613	I11210/R98026	13	37.7	32.4	49.0	105.0	3.0	45.0	5.5
R98026	R94037/R94161, MERLOT	40	37.6	40.1	42.0	103.0	2.0	47.5	3.5
R13627	I11210/R98026	27	36.4	38.9	39.0	102.0	1.0	50.0	3.5
R13608	I11210/R98026	8	36.4	36.9	41.0	102.0	1.0	35.0	3.5
R13635	I11210/R98026	35	36.4	36.7	40.0	107.0	4.5	40.0	3.0
R13603	I11210/R98026	3	33.9	37.7	44.0	102.0	1.5	47.5	4.5
R13606	I11210/R98026	6	33.4	31.5	39.0	103.0	3.5	37.5	3.5
R13611	I11210/R98026	11	33.1	36.3	48.0	107.0	2.5	47.5	3.5
R13626	I11210/R98026	26	33.1	32.7	44.0	102.0	1.5	42.5	2.0
R13610	I11210/R98026	10	31.5	32.6	42.0	105.0	5.5	30.0	1.0
R13615	I11210/R98026	15	31.5	33.5	44.0	102.0	2.5	40.0	4.5
R13609	I11210/R98026	9	31.3	34.4	47.0	102.0	2.5	35.0	4.0
R13616	I11210/R98026	16	30.6	36.8	48.0	106.0	3.5	42.5	3.5
R13607	I11210/R98026	7	30.5	33.5	44.0	102.0	3.0	40.0	4.0
R13630	I11210/R98026	30	30.4	36.8	41.0	104.0	1.0	45.0	3.5
R13605	I11210/R98026	5	28.9	28.7	49.0	114.0	4.0	50.0	1.5
R13612	I11210/R98026	12	28.8	33.5	48.0	105.0	6.0	45.0	2.5
R13634	I11210/R98026	34	28.4	27.5	44.0	102.0	1.0	32.5	2.5
R13621	I11210/R98026	21	28.0	34.1	41.0	102.0	1.0	42.5	4.0
R13622	I11210/R98026	22	27.6	36.0	42.0	102.0	1.5	45.0	3.5
I11210	SER95 (CIAT)	39	26.6	31.8	39.0	102.0	1.0	37.5	3.0
R13602	I11210/R98026	2	26.4	28.0	41.0	102.0	1.0	37.5	3.5
R13624	I11210/R98026	24	26.3	26.0	43.0	102.0	1.5	35.0	1.5
R13623	I11210/R98026	23	26.3	42.1	39.0	102.0	1.0	42.5	4.0
R13625	I11210/R98026	25	25.7	33.6	39.0	102.0	1.0	40.0	2.5
R13620	I11210/R98026	20	25.5	30.5	39.0	102.0	1.0	45.0	3.0
R13619	I11210/R98026	19	25.2	34.9	41.0	102.0	1.0	37.5	3.5
R13601	I11210/R98026	1	25.2	30.4	43.0	102.0	3.0	35.0	2.5
R13636	I11210/R98026	36	24.2	34.4	39.0	102.0	1.0	37.5	1.0
I11207	SER48 (CIAT)	37	23.9	34.9	39.0	102.0	7.0	27.5	1.0
R13618	I11210/R98026	18	23.8	36.3	38.0	102.0	1.5	35.0	2.5
I11209	SER94 (CIAT)	38	22.8	29.1	40.0	102.0	1.5	35.0	4.0
R13633	I11210/R98026	33	22.0	30.6	39.0	102.0	2.0	32.5	1.0
R13604	I11210/R98026	4	21.6	33.5	39.0	102.0	1.0	35.0	1.0
R13629	I11210/R98026	29	19.9	41.5	40.0	102.0	2.5	25.0	1.0
R13614	I11210/R98026	14	18.8	26.8	43.0	102.0	1.0	35.0	1.5
R13617	I11210/R98026	17	18.3	30.4	40.0	102.0	1.0	27.5	1.0
R13631	I11210/R98026	31	14.6	29.5	39.0	102.0	2.5	30.0	1.0
MEAN (40)			28.5	33.8	41.7	103.0	2.2	39.2	2.9
LSD (.05)			4.0	2.2	1.9	1.3	1.3	7.7	1.4
CV (%)			10.2	4.8	2.6	0.7	35.7	11.6	29.8

EXPERIMENT 4111 PRELIMINARY RED YIELD TRIAL-2

PLANTED: 6/5/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13752	R98026/I11207	52	42.7	39.8	43.0	102.0	1.0	50.0	5.0
R13754	R98026/I11207	54	39.8	30.5	46.0	102.0	1.0	42.5	4.0
R13765	R98026/I11207	65	39.6	39.8	42.0	104.0	6.5	32.5	1.0
R13761	R98026/I11207	61	39.5	37.3	40.0	102.0	5.5	30.0	1.0
R13769	R98026/I11207	69	38.8	42.8	41.0	102.0	2.0	42.5	4.0
R13741	R98026/I11207	41	38.4	39.6	44.0	102.0	7.0	30.0	1.0
R13770	R98026/I11207	70	37.9	39.2	44.0	102.0	2.0	42.5	3.5
R13717	R98026/I11207	17	37.9	35.0	43.0	102.0	6.5	27.5	1.0
R13707	R98026/I11207	7	37.8	38.2	45.0	102.0	4.0	40.0	3.5
R13748	R98026/I11207	48	37.7	36.1	47.0	102.0	1.5	55.0	5.5
R13734	R98026/I11207	34	37.0	36.0	41.0	102.0	4.5	40.0	2.5
R13710	R98026/I11207	10	36.5	36.6	46.0	102.0	3.0	42.5	5.0
R13773	R98026/I11207	73	36.1	39.9	43.0	102.0	2.5	40.0	3.5
R13760	R98026/I11207	60	36.0	37.4	45.0	102.0	1.0	50.0	4.5
R13712	R98026/I11207	12	35.7	37.3	42.0	102.0	5.0	32.5	1.5
R13771	R98026/I11207	71	35.4	36.0	41.0	103.0	2.0	50.0	4.5
R13755	R98026/I11207	55	35.2	37.1	40.0	102.0	5.0	30.0	1.5
R13718	R98026/I11207	18	35.2	36.7	46.0	102.0	6.0	35.0	1.5
R13745	R98026/I11207	45	35.2	33.1	46.0	102.0	7.0	25.0	1.0
R13713	R98026/I11207	13	34.9	34.0	43.0	102.0	1.0	47.5	5.0
R13758	R98026/I11207	58	34.2	41.2	40.0	102.0	4.5	35.0	2.0
R13732	R98026/I11207	32	34.1	39.9	40.0	102.0	1.5	45.0	3.5
R98026	R94037/R94161, MERLOT	80	34.1	39.2	43.0	102.0	4.0	45.0	2.5
R13739	R98026/I11207	39	33.1	44.8	42.0	102.0	1.0	50.0	3.0
R13744	R98026/I11207	44	32.9	44.2	39.0	102.0	1.0	45.0	3.0
R13735	R98026/I11207	35	32.9	34.5	42.0	102.0	5.0	37.5	1.5
R13728	R98026/I11207	28	32.8	37.9	40.0	102.0	5.0	35.0	2.0
R13743	R98026/I11207	43	32.7	36.9	40.0	102.0	1.0	45.0	4.0
R13753	R98026/I11207	53	32.3	33.2	46.0	102.0	3.0	35.0	3.0
R13715	R98026/I11207	15	32.3	37.9	46.0	102.0	7.0	22.5	1.0
R13704	R98026/I11207	4	32.2	37.5	46.0	103.0	5.0	35.0	2.0
R13733	R98026/I11207	33	32.0	37.9	40.0	102.0	2.0	45.0	2.5
R13763	R98026/I11207	63	31.9	38.1	46.0	102.0	7.0	25.0	1.0
R13736	R98026/I11207	36	31.9	38.4	41.0	102.0	1.0	55.0	5.0
R13723	R98026/I11207	23	31.7	34.0	41.0	102.0	4.5	35.0	1.0
R13722	R98026/I11207	22	31.7	43.2	39.0	102.0	1.0	35.0	3.5
R13721	R98026/I11207	21	31.6	39.1	40.0	102.0	7.0	35.0	1.0
R13757	R98026/I11207	57	31.4	35.3	47.0	102.0	7.0	20.0	1.0
R13724	R98026/I11207	24	31.3	35.7	41.0	102.0	2.0	50.0	3.5
R13775	R98026/I11207	75	30.6	33.0	42.0	102.0	1.5	40.0	4.0
R13742	R98026/I11207	42	30.2	35.7	44.0	102.0	1.0	55.0	5.0
R13731	R98026/I11207	31	29.7	37.1	39.0	102.0	6.0	30.0	1.0

EXPERIMENT 4111 PRELIMINARY RED YIELD TRIAL-2

PLANTED: 6/5/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13737	R98026/I11207	37	29.6	39.9	42.0	102.0	3.5	40.0	1.0
R13759	R98026/I11207	59	29.6	34.2	46.0	102.0	5.5	35.0	2.0
R13727	R98026/I11207	27	29.5	39.5	40.0	102.0	5.5	27.5	1.0
I11210	SER95 (CIAT)	79	29.5	30.9	40.0	102.0	1.0	30.0	3.5
R13768	R98026/I11207	68	29.5	30.1	42.0	102.0	7.0	25.0	1.0
R13725	R98026/I11207	25	29.2	32.1	42.0	102.0	1.0	42.5	4.0
R13750	R98026/I11207	50	28.9	33.7	40.0	102.0	3.5	40.0	2.5
R13716	R98026/I11207	16	28.8	38.2	39.0	102.0	7.0	30.0	1.0
R13746	R98026/I11207	46	28.5	32.8	44.0	102.0	7.0	27.5	1.0
I11207	SER48 (CIAT)	77	28.4	35.7	39.0	102.0	5.5	27.5	2.0
R13767	R98026/I11207	67	28.4	36.6	41.0	102.0	7.0	25.0	1.0
R13708	R98026/I11207	8	28.4	36.6	39.0	103.0	1.5	37.5	2.5
R13740	R98026/I11207	40	28.4	35.0	42.0	102.0	4.0	40.0	1.5
R13730	R98026/I11207	30	28.3	43.8	39.0	102.0	1.5	42.5	1.0
R13702	R98026/I11207	2	28.2	42.7	39.0	102.0	1.0	47.5	4.0
R13729	R98026/I11207	29	28.1	34.1	48.0	102.0	7.0	25.0	1.0
R13711	R98026/I11207	11	27.3	37.6	42.0	102.0	1.5	50.0	2.5
R13738	R98026/I11207	38	27.3	35.4	40.0	102.0	1.0	42.5	4.5
R13776	R98026/I11207	76	27.2	35.2	45.0	102.0	6.0	40.0	1.0
R13726	R98026/I11207	26	27.1	32.5	45.0	102.0	7.0	22.5	1.0
R13720	R98026/I11207	20	27.0	36.7	39.0	102.0	1.0	42.5	1.0
R13756	R98026/I11207	56	26.8	34.2	41.0	102.0	7.0	17.5	1.0
I11209	SER94 (CIAT)	78	26.4	29.6	41.0	102.0	1.0	32.5	1.5
R13774	R98026/I11207	74	26.1	37.4	40.0	102.0	1.0	45.0	2.5
R13764	R98026/I11207	64	26.1	28.8	45.0	102.0	7.0	25.0	1.0
R13709	R98026/I11207	9	26.1	40.6	40.0	102.0	2.0	42.5	2.0
R13762	R98026/I11207	62	25.8	29.6	45.0	102.0	7.0	25.0	1.0
R13719	R98026/I11207	19	25.5	36.3	40.0	102.0	5.5	40.0	1.0
R13747	R98026/I11207	47	25.5	37.8	45.0	102.0	5.0	35.0	2.0
R13706	R98026/I11207	6	25.5	32.6	41.0	102.0	2.5	45.0	1.5
R13714	R98026/I11207	14	24.9	40.7	39.0	102.0	2.5	40.0	1.0
R13766	R98026/I11207	66	24.6	37.8	41.0	102.0	7.0	22.5	1.0
R13751	R98026/I11207	51	24.3	36.0	43.0	102.0	3.0	37.5	1.5
R13705	R98026/I11207	5	23.9	35.9	41.0	102.0	6.0	27.5	1.0
R13749	R98026/I11207	49	23.9	34.6	39.0	102.0	1.0	35.0	1.5
R13772	R98026/I11207	72	21.0	40.2	39.0	102.0	7.0	30.0	1.0
R13701	R98026/I11207	1	20.8	38.0	39.0	102.0	7.0	30.0	1.0
R13703	R98026/I11207	3	18.8	35.1	39.0	102.0	1.5	37.5	1.0
MEAN (80)			30.8	36.7	41.8	102.1	3.9	36.8	2.2
LSD (.05)			3.7	2.0	2.0	0.6	1.5	8.4	1.4
CV (%)			8.9	4.0	2.9	0.4	23.6	13.7	38.3

EXPERIMENT 4112 PRELIMINARY RED YIELD TRIAL-3

PLANTED: 6/5/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R12844	SR9-5/R09508	54	50.5	40.0	46.0	103.0	1.0	50.0	5.0
R13832	R98026/I11209	32	48.1	35.7	50.0	112.0	6.0	35.0	1.5
R13806	R98026/I11209	6	46.0	30.8	50.0	107.0	5.0	40.0	5.0
R13831	R98026/I11209	31	45.4	31.4	41.0	106.0	1.0	42.5	5.5
R13845	R98026/I11209	45	44.8	30.3	47.0	102.0	2.5	40.0	4.5
R13848	R98026/I11209	48	44.0	36.4	48.0	105.0	1.0	50.0	5.5
R13526	X10308/R08514	55	44.0	41.4	46.0	102.0	1.0	45.0	4.5
R13803	R98026/I11209	3	43.7	31.6	40.0	102.0	1.0	42.5	5.5
R13801	R98026/I11209	1	43.4	33.1	50.0	105.0	4.0	45.0	5.5
R13836	R98026/I11209	36	43.2	32.8	42.0	102.0	1.0	37.5	2.0
R13821	R98026/I11209	21	43.1	41.2	49.0	104.0	2.0	50.0	6.0
R13822	R98026/I11209	22	43.1	37.5	47.0	102.0	2.0	40.0	3.0
R13834	R98026/I11209	34	43.1	29.8	47.0	103.0	4.5	40.0	5.0
R13804	R98026/I11209	4	41.2	37.6	43.0	102.0	3.5	40.0	3.5
S08418	S02754/S04503, ROSETTA	56	39.5	40.4	43.0	102.0	1.0	37.5	3.0
R13811	R98026/I11209	11	39.1	33.7	40.0	105.0	4.5	40.0	1.5
R13810	R98026/I11209	10	39.1	33.1	40.0	102.0	3.5	32.5	2.5
R13805	R98026/I11209	5	39.0	32.3	43.0	102.0	1.5	35.0	3.0
R13840	R98026/I11209	40	39.0	35.2	40.0	103.0	1.0	42.5	3.0
R13818	R98026/I11209	18	38.8	32.6	41.0	110.0	3.0	40.0	3.0
R13807	R98026/I11209	7	38.6	40.2	47.0	105.0	5.0	40.0	3.0
R12859	R08512/SR9-5	12	38.5	37.1	41.0	102.0	1.0	40.0	3.5
R13825	R98026/I11209	25	38.2	40.7	40.0	105.0	2.0	40.0	3.5
R98026	R94037/R94161, MERLOT	53	37.0	40.4	46.0	102.0	2.0	42.5	4.0
R13842	R98026/I11209	42	36.9	34.2	47.0	104.0	2.0	42.5	4.5
R13809	R98026/I11209	9	35.1	37.2	47.0	103.0	6.0	35.0	3.5
R13841	R98026/I11209	41	34.9	32.2	40.0	102.0	1.0	35.0	1.0
R13802	R98026/I11209	2	34.2	36.2	41.0	102.0	5.0	35.0	2.0
R13828	R98026/I11209	28	33.9	35.3	46.0	102.0	2.5	37.5	3.0
R13833	R98026/I11209	33	33.8	34.3	34.0	102.0	1.0	32.5	3.0
R13813	R98026/I11209	13	33.6	37.0	46.0	104.0	2.5	35.0	2.5
R13819	R98026/I11209	19	33.1	32.5	42.0	102.0	1.0	37.5	3.0
R13815	R98026/I11209	15	32.9	32.3	40.0	102.0	2.0	35.0	3.5
R13837	R98026/I11209	37	32.9	32.6	40.0	102.0	1.0	32.5	1.5
I11210	SER95 (CIAT)	52	32.6	31.9	41.0	102.0	1.0	32.5	3.0

EXPERIMENT 4112 PRELIMINARY RED YIELD TRIAL-3

PLANTED: 6/5/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13820	R98026/I11209	20	32.6	42.7	40.0	102.0	2.0	37.5	1.5
R13843	R98026/I11209	43	32.6	35.0	37.0	102.0	1.5	35.0	3.0
R13823	R98026/I11209	23	32.5	35.3	41.0	105.0	1.0	37.5	3.0
R13808	R98026/I11209	8	32.4	40.9	40.0	107.0	4.0	37.5	2.5
R13847	R98026/I11209	47	32.2	32.9	39.0	104.0	6.5	27.5	1.5
R13835	R98026/I11209	35	32.0	32.5	42.0	102.0	3.0	35.0	2.5
R13839	R98026/I11209	39	31.6	37.3	40.0	102.0	2.0	32.5	1.0
R13844	R98026/I11209	44	30.8	33.6	40.0	106.0	2.5	32.5	1.5
R13816	R98026/I11209	16	30.6	34.5	47.0	102.0	5.0	40.0	2.0
R13814	R98026/I11209	14	29.2	29.6	43.0	103.0	5.0	35.0	1.5
I11207	SER48 (CIAT)	50	29.1	36.0	43.0	102.0	5.0	25.0	1.0
R13817	R98026/I11209	17	28.8	32.9	40.0	103.0	4.0	32.5	1.0
R13826	R98026/I11209	26	28.4	33.7	40.0	102.0	1.0	35.0	1.5
R13849	R98026/I11209	49	27.9	31.7	48.0	102.0	4.0	32.5	2.5
R13838	R98026/I11209	38	27.8	30.8	40.0	102.0	1.0	32.5	3.0
R13824	R98026/I11209	24	27.1	38.6	40.0	107.0	3.5	40.0	4.5
I11209	SER94 (CIAT)	51	26.3	29.9	40.0	102.0	1.0	25.0	2.0
R13846	R98026/I11209	46	25.7	29.7	44.0	102.0	1.0	37.5	2.5
R13827	R98026/I11209	27	25.2	37.1	45.0	108.0	2.5	37.5	2.5
R13829	R98026/I11209	29	25.0	30.9	48.0	102.0	7.0	27.5	1.0
R13830	R98026/I11209	30	22.3	38.4	40.0	102.0	1.0	32.5	1.0
MEAN (56)			35.6	34.9	42.8	103.4	2.7	37.2	3.0
LSD (.05)			4.2	1.6	0.7	2.1	0.8	6.4	1.3
CV (%)			8.8	3.4	0.9	1.2	17.2	10.3	26.1

EXPERIMENT 4113 MRPN/CDBN YIELD TRIAL								PLANTED: 6/5/14	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LOGGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
P07863	AN-37/P02630, ELDORADO	10	47.8	47.7	43.0	97.0	2.0	52.0	5.0
I14509	PT11-13	2	47.3	39.6	44.0	92.0	2.0	52.0	4.0
R11806	X07714/X07710	12	46.7	34.9	48.0	96.0	2.0	47.5	4.7
G13467	Matterhorn/P05436//Eldorado	40	46.3	42.5	46.0	98.0	2.0	56.0	4.3
P11519	SANTA FE/P07806	42	44.8	42.9	49.0	99.0	2.0	52.5	4.3
I14531	CO 14790-3	31	44.4	42.4	48.0	99.0	2.0	53.5	4.0
I07113	PNE-6-94-75/Kodiak, LAPAZ	28	43.0	39.3	46.0	93.0	1.0	53.5	5.0
I13435	PT12-37	3	42.3	40.4	48.0	94.0	2.0	52.0	4.3
I13458	ISB 19	7	40.4	42.6	40.0	93.0	4.0	41.5	3.3
G13479	Eldorado/G09312	41	39.8	33.5	43.0	93.0	1.0	51.5	6.3
G08254	G04514/Matterhorn, POWDERHORN	11	39.6	36.5	42.0	91.0	1.5	51.0	5.0
G13424	Powderhorn//Eldorado/G09312	47	39.5	37.4	45.0	96.0	1.5	51.5	4.7
R12859	R08512/SR9-5	16	39.1	35.4	41.0	92.0	1.0	51.0	5.7
I99117	BUSTER	25	38.6	42.0	41.0	89.0	3.0	42.5	3.7
S08418	S02754/S04503, ROSETTA	9	38.6	39.0	45.0	95.0	1.0	51.0	5.0
R13526	X10308/R08514	46	38.3	38.9	46.0	94.0	2.0	52.5	5.0
I09118	ND060197	13	37.7	35.6	43.0	90.0	3.0	46.5	3.3
I14536	NE2-13-17	38	37.7	49.9	40.0	92.0	3.0	46.0	3.3
I14520	SF103-8	18	37.6	37.5	42.0	94.0	2.0	50.0	4.7
P12606	P07406/P08401	43	37.3	41.9	46.0	95.0	1.5	52.0	5.0
I14535	NE1-13-26	37	36.5	48.5	41.0	92.0	3.0	46.5	3.7
I14534	NE1-13-18	36	36.4	42.4	41.0	96.0	2.0	48.0	4.0
I14529	CO 91167-15	29	35.8	42.1	43.0	90.0	3.0	46.0	3.7
G12901	G07321/Fuji	44	35.7	27.9	45.0	96.0	2.0	52.5	4.3
I14519	23ST-27	17	35.7	38.7	46.0	90.0	2.5	48.0	4.0
I14530	CO 86660-14	30	35.6	42.6	44.0	92.0	2.0	54.5	5.0
I14533	ND101366	33	35.2	36.8	42.0	92.0	2.0	48.5	4.0
I13450	CO 91212-4	4	34.7	41.8	46.0	97.0	1.5	53.0	4.3
I98313	CO51715, MONTROSE	24	34.5	41.4	41.0	88.0	4.0	35.0	3.0
I13459	ISB 20	8	34.3	44.7	40.0	89.0	3.0	42.5	3.0
R11801	X07712/X07721	23	34.1	36.1	41.0	90.0	2.0	47.0	4.0
I11238	ND090713	34	34.0	41.3	41.0	94.0	2.0	47.5	3.7
BC373	UCD 9634	14	33.9	35.6	41.0	92.0	2.0	51.0	4.0
I14510	ISB-P1	5	32.2	40.8	39.0	92.0	2.0	52.5	5.0
I14532	CO 15542-1(1)	32	32.0	40.0	43.0	93.0	3.0	43.0	3.7

EXPERIMENT 4113 MRPN/CDBN YIELD TRIAL								PLANTED: 6/5/14	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LOGGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
I14511	ISB-P3	6	31.6	40.9	40.0	91.0	1.5	53.0	4.7
I10113	ND080412	35	31.6	35.0	43.0	95.0	3.0	46.5	3.7
G93414	MATTERHORN	26	31.1	34.9	43.0	91.0	2.0	48.0	4.0
BC374	UCD 9623	15	28.7	38.2	40.0	89.0	1.0	46.5	3.7
S12906	Rosetta/NDZ06209	48	27.5	35.0	43.0	94.0	1.0	51.5	4.0
C06808	I01800/C03129, BELLAGIO	27	27.4	60.2	41.0	92.0	2.0	49.0	4.0
I14524	L11PS252	22	27.0	37.4	40.0	88.0	2.0	48.5	3.3
I14537	NE2-13-25	39	26.9	49.2	39.0	89.0	2.5	45.5	3.7
I14521	L11PS205	19	26.5	43.4	39.0	88.0	1.5	48.5	4.0
I84002	NW410//VICTOR/AURORA, OTHELLO	1	26.0	41.6	38.0	85.0	3.0	42.5	3.0
G05922	HIME TEBO*4/MATTERHORN, FUJI	45	25.2	29.5	46.0	97.0	2.5	43.5	3.3
I14523	L11PS211	21	22.9	44.6	40.0	85.0	1.5	44.0	3.3
I14522	L11PS206	20	19.3	39.0	37.0	87.0	2.0	48.5	3.3
MEAN (48)			35.4	40.2	42.5	92.2	2.1	48.7	4.1
LSD (.05)			3.4	1.7	2.0	1.3	0.3	0.7	0.6
CV (%)			7.0	3.1	2.8	0.8	7.7	0.9	10.9

EXPERIMENT 4914 STANDARD ORGANIC YIELD TRIAL-FINDLAY

PLANTED: 6/16/14

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE	WM (1-9)
P07863	AN-37/P02630, ELDORADO	22	31.5	45.6	41.0	1.5	43.8	4.3	2.5
B12724	B09184/B09135	11	28.9	20.9	47.0	1.0	42.5	4.8	4.0
B11551	I82054/B07554	15	27.4	28.8	50.0	2.5	41.3	2.3	6.5
P11519	SANTA FE/P07806	23	26.9	37.7	49.0	1.5	42.5	4.3	3.0
R13526	X10308/R08514	29	26.6	36.2	47.0	1.8	53.8	3.8	4.5
R11806	X07714/X07710, GYPSY ROSE	35	26.4	31.5	50.0	2.8	41.3	3.5	4.0
S08418	S02754/S04503, ROSETTA	30	25.6	31.9	44.0	1.0	51.3	4.0	5.0
B12720	B09175/Eclipse	10	25.1	22.6	47.0	1.3	36.3	4.5	6.5
P13701	G09305/Eldorado	26	25.0	38.2	43.0	1.0	38.8	4.8	4.5
P12606	P07406/P08401	24	24.2	35.4	46.0	1.5	40.0	3.5	3.0
N12440	N09056/N09175	5	24.0	20.2	48.0	1.0	37.5	4.0	3.0
B04554	B00103*/X00822, ZORRO	8	23.3	20.0	46.0	1.3	47.5	5.0	8.0
G12901	G07321/Fuji	20	22.4	26.3	44.0	1.8	48.8	3.5	8.0
R11801	X07712/X07721, DESERT SONG	34	21.9	33.4	42.0	3.0	35.0	2.3	6.5
N13140	N05324/MEDALIST	3	21.6	19.8	48.0	1.3	36.3	4.3	4.5
G08254	G04514/Matterhorn, POWDERHORN	19	21.4	34.0	43.0	2.3	42.5	4.0	6.0
B11555	I82054/B07554	16	21.4	23.1	50.0	2.8	40.0	2.8	9.0
B10244	B04644/ZORRO, ZENITH	7	21.3	21.2	47.0	1.0	35.0	3.8	5.5
R98026	R94037/R94161, MERLOT	27	21.2	32.1	44.0	2.3	50.0	3.0	7.0
B11548	I82054/B07554	14	21.1	23.8	50.0	1.8	46.3	3.8	2.5
G13467	Matterhorn/P05436//Eldorado	21	21.0	37.3	45.0	1.3	42.5	3.5	5.5
P12609	P08362/P08401	25	20.9	34.8	44.0	1.8	36.3	4.5	4.5
B12710	B07554//Jaguar/B07554	9	20.7	21.5	49.0	1.0	32.5	4.0	3.5
R12859	R08512/SR9-5	28	20.6	31.2	42.0	1.0	41.3	4.5	4.0
B11567	I82054/B07554	17	20.3	23.1	50.0	2.5	42.5	2.5	8.0
N11257	N07009/MEDALIST	6	20.1	18.7	49.0	1.3	46.3	4.5	6.0
Y11405	FR-07-AZP-14-06	36	19.6	48.7	40.0	1.0	35.0	5.0	2.5
I11264	COOP 03019, MERLIN	2	19.1	20.3	47.0	1.0	28.8	3.8	1.5
K08961	K04604/USDK-CBB-15, SNOWDON	31	19.1	62.9	35.0	1.3	33.8	4.5	1.8
N11283	MEDALIST/N08003, ALPENA	1	18.9	18.3	48.0	1.3	40.0	4.3	6.5
B11519	I82054/B07554	13	18.9	22.3	50.0	1.0	36.3	3.8	5.9
K90902	BEA/50B1807//LASSEN, BELUGA	32	17.5	55.1	39.0	1.5	37.5	4.3	3.5
N12466	N08010/N08007	4	16.9	18.1	49.0	1.3	38.8	4.3	6.0
K90101	CHAR/2*MONT, RED HAWK	33	16.4	51.8	36.0	1.0	32.5	3.5	2.0
I07112	R99 NO NOD	12	15.7	20.6	44.0	1.3	35.0	3.3	2.0
B11569	I82054/B07554	18	14.7	21.6	50.0	2.3	45.0	2.8	8.0
MEAN (36)			21.9	30.2	45.4	1.5	40.4	3.9	4.9
LSD (.05)			4.7	1.9	1.5	0.7	7.0	1.1	3.0
CV (%)			18.2	5.3	2.0	38.9	14.8	24.6	37.0

EXPERIMENT 4915 STANDARD ORGANIC YIELD TRIAL-BERDEN

PLANTED: 6/16/14

NAME	PEDIGREE	ENTRY	YIELD /ACRE	CW100 WT. (g)	SEED FLOWER	DAYS TO MATURITY	DAYS TO LODGING (1-5)	HEIGHT (cm)	DES. SCORE	WM (1-9)
P07863	AN-37/P02630, ELDORADO	22	22.4	43.7	48.0	102.0	2.0	52.5	5.3	2.5
S08418	S02754/S04503, ROSETTA	30	22.0	33.7	47.0	101.0	1.0	52.0	5.0	3.0
B10244	B04644/ZORRO, ZENITH	7	19.8	21.8	48.0	98.0	1.0	50.3	5.0	4.8
R13526	X10308/R08514	29	19.7	36.9	48.0	100.0	1.8	52.3	4.5	5.5
R98026	R94037/R94161, MERLOT	27	19.6	34.2	47.0	101.0	2.0	52.5	4.0	7.3
G08254	G04514/Matterhorn, POWDERHORN	19	19.1	36.7	46.0	97.0	1.5	48.8	4.3	5.0
P13701	G09305/Eldorado	26	19.1	40.8	47.0	99.0	1.5	48.8	4.8	4.8
I11264	COOP 03019, MERLIN	2	17.5	20.5	48.0	104.0	1.8	49.5	4.0	3.5
P11519	SANTA FE/P07806	23	16.5	40.1	49.0	104.0	2.3	52.8	4.8	4.0
G13467	Matterhorn/P05436//Eldorado	21	16.3	35.4	48.0	100.0	2.0	53.0	5.3	4.0
G12901	G07321/Fuji	20	16.1	26.2	45.0	103.0	2.0	52.8	4.0	6.8
I07112	R99 NO NOD	12	16.0	19.4	45.0	102.0	2.0	47.5	3.8	3.0
N13140	N05324/MEDALIST	3	15.1	19.5	47.0	99.0	1.5	50.3	5.3	2.8
P12609	P08362/P08401	25	14.7	36.8	46.0	97.0	1.0	47.3	4.3	5.0
R12859	R08512/SR9-5	28	14.4	34.1	46.0	97.0	1.0	47.0	3.8	6.3
N11283	MEDALIST/N08003, ALPENA	1	14.2	18.4	47.0	98.0	1.0	51.5	5.5	4.0
B12710	B07554//Jaguar/B07554	9	13.2	21.3	46.0	97.0	1.0	48.5	4.5	3.5
K08961	K04604/USDK-CBB-15, SNOWDON	31	12.9	67.9	39.0	95.0	1.0	47.0	4.5	0.9
B12724	B09184/B09135	11	12.6	21.3	48.0	97.0	1.0	47.0	4.3	4.8
N12440	N09056/N09175	5	12.6	19.0	47.0	97.0	1.0	47.0	4.3	4.3
P12606	P07406/P08401	24	12.6	36.3	46.0	99.0	1.8	50.3	4.0	6.5
R11806	X07714/X07710, GYPSY ROSE	35	12.2	28.2	50.0	101.0	3.0	45.3	4.0	6.3
B11555	I82054/B07554	16	11.6	23.7	47.0	103.0	3.5	45.3	2.8	8.5
B11551	I82054/B07554	15	11.4	26.2	50.0	105.0	3.5	43.3	2.8	6.5
N11257	N07009/MEDALIST	6	11.3	19.3	47.0	103.0	1.5	50.3	4.8	3.5
B04554	B00103*/X00822, ZORRO	8	11.0	20.5	47.0	98.0	1.5	50.5	4.5	6.0
K90902	BEA/50B1807//LASSEN, BELUGA	32	11.0	60.6	43.0	101.0	1.5	48.3	4.5	1.5
B12720	B09175/Eclipse	10	10.9	23.2	47.0	96.0	1.0	49.3	4.8	5.5
R11801	X07712/X07721, DESERT SONG	34	10.8	37.2	46.0	98.0	3.3	45.0	3.8	7.3
Y11405	FR-07-AZP-14-06	36	10.2	53.0	42.0	101.0	1.8	49.3	4.0	2.5
K90101	CHAR/2*MONT, RED HAWK	33	9.2	56.1	39.0	101.0	1.0	46.0	4.0	1.3
B11548	I82054/B07554	14	8.6	21.4	51.0	103.0	2.5	47.3	3.5	4.8
B11569	I82054/B07554	18	8.5	21.4	49.0	103.0	2.8	45.5	3.0	8.3
N12466	N08010/N08007	4	7.7	17.5	48.0	97.0	1.5	48.0	3.5	6.5
B11567	I82054/B07554	17	7.5	22.4	45.0	102.0	3.3	43.8	2.8	8.8
B11519	I82054/B07554	13	6.6	19.3	50.0	100.0	2.3	45.0	2.8	7.8
MEAN (36)			13.7	31.0	46.3	99.8	1.8	48.6	4.2	4.9
LSD (.05)			1.8	1.3	1.5	1.4	0.5	1.5	0.6	1.5
CV (%)			11.2	3.7	2.0	1.2	22.6	2.6	11.8	25.8

EXPERIMENT 4216 STANDARD KIDNEY YIELD TRIAL								PLANTED: 6/13/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
K11306	K06621/USDK-CBB-15	13	39.6	62.1	39.0	100.0	2.0	48.5	5.0
K13908	K07921//K08971/K08233	20	38.7	60.2	38.0	98.0	2.0	47.0	3.5
Y11405	FR-07-AZP-14-06	30	37.6	55.1	42.0	100.0	1.0	48.5	5.0
K11709	K06012//K06014/K07715	10	36.9	59.3	39.0	95.0	1.0	45.5	4.5
K11714	K08601/K08233	31	36.5	68.8	41.0	98.0	1.0	49.0	5.5
K13909	K07921//K08971/K08233	17	36.3	59.2	37.0	96.0	1.0	45.5	4.5
I14516	NY104	32	36.1	66.4	38.0	94.0	1.0	44.5	4.0
K11919	K04607/USWK-CBB-17	8	36.1	52.6	37.0	95.0	1.0	46.0	4.5
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	7	35.8	82.3	38.0	96.0	1.5	48.0	4.0
I14515	DBY-60-1	29	35.3	51.9	37.0	94.0	2.0	43.5	3.5
I14513	DBY-28-1	27	34.9	49.5	44.0	97.0	2.5	45.0	4.0
K08961	K04604/USDK-CBB-15, SNOWDON	1	34.9	77.1	37.0	97.0	1.0	48.0	4.5
I90013	CELRK	5	34.6	69.0	38.0	95.0	1.0	45.5	4.0
K12803	K07921//K08971/K08233	9	34.2	60.4	38.0	96.0	1.5	45.0	4.0
K13902	K06939/WALLACE//K08938	16	33.9	61.8	38.0	99.0	1.0	46.5	5.0
K11917	K04607/USWK-CBB-17	2	33.5	55.8	37.0	95.0	1.0	46.0	4.0
K11710	K06012//K06014/K07715	11	33.2	60.1	38.0	100.0	1.5	47.5	4.0
K11916	K04607/USWK-CBB-17	4	33.2	56.4	37.0	95.0	1.0	46.5	4.0
I13420	ND061210, TALON	21	33.2	61.7	42.0	98.0	1.5	47.0	4.0
I13422	ACUG 10-W1, YETI	23	31.8	66.0	42.0	100.0	1.5	47.0	4.0
K90101	CHAR/2* MONT, RED HAWK	12	31.7	61.0	40.0	99.0	1.0	46.5	4.0
I14507	GTS-104	34	31.4	62.9	41.0	100.0	1.5	49.0	4.0
K11914	K04604/USWK-CBB-17	6	31.1	59.7	37.0	97.0	1.0	47.0	4.0
K01234	Mutant of Red Hawk, REDCOAT	36	30.9	63.6	40.0	99.0	1.0	46.0	4.0
K90902	BEA/50B1807//LASSEN, BELUGA	14	30.9	61.8	42.0	100.0	1.0	49.0	4.5
K13602	CELRK/BADILLO	19	30.9	55.3	38.0	94.0	1.5	44.5	3.5
I14508	IG-INF	35	30.8	71.9	40.0	103.0	2.0	48.0	3.5
I10105	Montcalm/DRK15, MAJESTY	24	30.6	84.1	46.0	100.0	1.5	49.5	4.0
K11918	K04607/USWK-CBB-17	3	30.2	58.7	37.0	96.0	1.0	45.5	4.0
K13907	K07921//K08971/K08233	18	30.0	59.2	37.0	94.0	1.5	44.0	4.0
I14517	NY105	33	29.8	82.1	37.0	97.0	1.5	48.0	4.0
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	15	28.6	67.5	41.0	105.0	2.5	46.0	3.0
I11233	OAC 07-L1, OAC INFERNO	25	27.1	67.1	40.0	104.0	2.5	49.0	3.0
I14514	DBY-54-1	28	27.0	51.5	44.0	97.0	2.5	43.5	3.5
I13421	ND061106, ROSIE	22	26.3	59.0	40.0	98.0	1.0	45.5	4.0
I14512	DBY-24-2	26	14.1	48.7	44.0	101.0	3.5	47.5	3.5
MEAN (36)			32.4	62.5	39.3	97.6	1.5	46.6	4.1
LSD (.05)			3.7	2.9	1.3	3.7	0.6	2.7	0.6
CV (%)			8.5	3.4	2.0	2.2	24.0	3.4	9.1

EXPERIMENT 4217 PRELIMINARY KIDNEY YIELD TRIAL								PLANTED: 6/13/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
K08961	K04604/USDK-CBB-15, SNOWDON	28	42.3	72.8	37.0	98.0	1.0	48.0	5.0
K14810	K11907/K11304	20	41.7	54.7	38.0	97.0	1.0	43.5	4.5
K14703	Isabella/Snowdon	7	41.4	62.7	37.0	101.0	1.0	47.5	4.0
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	27	40.3	77.3	38.0	100.0	2.0	49.0	4.0
K14814	Clouseau/K11308	24	40.2	57.3	38.0	95.0	1.0	43.0	4.0
K14801	Isabella/Snowdon	11	39.5	65.4	38.0	100.0	1.0	48.0	4.0
K14702	Isabella/Snowdon	6	39.5	62.5	37.0	98.0	1.0	45.0	4.0
K14815	Clouseau/K11308	25	38.7	58.4	37.0	94.0	1.0	45.0	3.5
K14701	Isabella/Snowdon	5	38.4	68.8	37.0	96.0	1.0	45.0	4.0
K14808	K11907/Isabella	18	37.7	57.1	37.0	98.0	1.0	47.5	5.0
K14805	Snowdon/Isabella	15	36.9	74.1	38.0	98.0	1.0	45.0	4.5
K14812	X11426/K11302	22	36.6	58.4	37.0	99.0	1.0	46.0	4.0
K14802	K10902//K08920/K10902	12	36.6	75.4	37.0	98.0	1.0	47.5	4.5
K14104	K08222/K11803	4	36.2	69.2	39.0	101.0	0.9	48.5	4.0
K14803	K10902//K08920/K10902	13	35.6	68.1	38.0	96.0	1.1	46.0	5.0
K14807	Snowdon/Isabella	17	33.7	64.4	37.0	98.0	1.0	48.0	5.0
K14103	Isabella/I11201	3	33.6	61.8	38.0	98.0	1.0	46.0	4.0
K14816	ISABELLA/K08961	30	33.6	65.9	37.0	97.0	1.0	46.5	4.5
K14813	X11426/K11302	23	33.1	62.4	38.0	100.0	1.0	47.0	5.0
K14704	Wallace/Clouseau	8	33.0	51.8	39.0	95.0	1.0	43.5	3.0
K90101	CHAR/2*MONT, RED HAWK	26	32.6	66.5	38.0	102.0	1.5	47.5	4.0
K14804	K10902//K08920/K10902	14	32.3	65.8	38.0	95.0	1.0	44.0	4.5
K14811	X11426/K11302	21	32.3	57.9	38.0	99.0	1.0	47.5	5.0
K14101	K11911/K11304	1	32.3	66.3	39.0	97.0	1.0	46.5	5.0
K14806	Snowdon/Isabella	16	31.8	68.1	39.0	98.0	1.0	46.5	5.0
K14809	K11907/Isabella	19	31.6	52.7	39.0	98.0	1.0	44.0	4.0
K14102	Isabella/I11201	2	29.5	65.5	43.0	97.0	1.0	49.0	4.0
K14706	Wallace/Clouseau	10	28.3	51.8	37.0	98.0	1.0	42.5	4.0
K14705	Wallace/Clouseau	9	24.7	53.9	37.0	97.0	1.0	45.5	4.5
K11925	K99974/XANA	29	23.4	102.3	38.0	100.0	1.5	46.5	4.0
MEAN (30)			34.9	64.6	37.8	97.7	1.1	46.2	4.3
LSD (.05)			4.1	4.4	0.6	2.7	0.3	3.7	0.5
CV (%)			8.5	5.0	0.9	1.6	17.2	4.6	7.0

EXPERIMENT 4218 STANDARD CRANBERRY YIELD TRIAL							PLANTED: 6/13/14			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
C14502	C08714/I11269	24	43.4	57.2	38.0	100.0	1.5	48.5	4.5	
C14504	C08714/I11269	26	43.0	57.1	38.0	98.0	1.0	49.5	6.0	
I92014	ETNA	1	41.7	75.1	38.0	97.0	1.5	47.5	4.0	
C13411	CAPRI/I08969	14	41.1	60.2	39.0	95.0	1.0	47.5	5.0	
C14501	C08714/I11269	23	40.7	53.6	37.0	98.0	1.0	46.0	4.5	
C11373	C08706/C08712	4	39.8	69.4	38.0	99.0	1.0	48.0	5.0	
C14506	C08714/I11269	28	37.0	54.8	38.0	100.0	1.5	46.5	5.0	
C13413	C07411/C08712	13	35.9	71.4	38.0	98.0	1.0	47.5	5.0	
C11223	CAPRI/X06150	11	35.6	64.5	39.0	100.0	1.5	46.5	4.5	
C13414	C08714/BELLAGIO	20	35.5	70.9	38.0	98.0	1.5	49.0	5.0	
C13417	C08712/X09111	15	35.4	67.7	38.0	96.0	1.0	44.5	4.0	
C11320	C05617/CBB-20	5	35.2	58.8	38.0	95.0	1.5	44.5	4.0	
C14505	C08714/I11269	27	35.0	54.3	37.0	97.0	1.0	46.5	4.5	
C13410	CAPRI/I08969	18	34.2	60.0	38.0	95.0	2.0	47.0	5.0	
C13406	C08714//C08717/CAPRI	17	34.1	69.3	39.0	97.0	1.0	44.5	4.0	
C11269	C07401//CBB-20/C05653	2	34.0	65.9	39.0	98.0	2.0	45.5	4.0	
C11258	C07401//CBB-20/C05617	6	33.8	63.0	39.0	97.0	1.0	44.0	4.0	
C14507	C08714/I11269	29	33.4	52.7	37.0	97.0	1.0	43.5	4.0	
C13404	BELLAGIO/I08969	21	33.3	67.4	38.0	96.0	1.5	46.0	4.0	
C13416	C08712/X09111	16	32.9	68.6	38.0	98.0	1.0	46.0	4.0	
K08961	K04604/USDK-CBB-15, SNOWDON	30	32.8	77.6	38.0	98.0	1.5	48.0	4.5	
C11260	C07401//CBB-20/C05617	10	32.7	60.7	37.0	95.0	2.0	45.5	4.0	
C11266	C07401//CBB-20/C05653	3	31.2	60.8	38.0	97.0	1.0	48.0	4.5	
C14503	C08714/I11269	25	29.5	51.3	37.0	96.0	1.0	43.0	4.0	
C11263	C07401//CBB-20/C05617	7	29.1	66.4	38.0	95.0	1.0	45.5	4.0	
C99833	CARDINAL/K94803, CAPRI	12	28.9	72.2	38.0	101.0	3.0	47.0	3.5	
C11259	C07401//CBB-20/C05617	9	27.6	59.7	37.0	96.0	1.0	46.5	4.0	
C13403	BELLAGIO/I08969	19	25.6	70.8	38.0	98.0	1.0	44.5	4.0	
C11212	C05617/C07411	8	23.3	66.1	39.0	100.0	1.0	48.0	4.0	
C13402	BELLAGIO/I08969	22	22.5	70.6	39.0	95.0	1.5	45.5	4.5	
MEAN (30)			33.9	63.9	37.8	97.2	1.3	46.3	4.4	
LSD (.05)			3.3	3.1	1.1	2.9	0.6	3.0	0.5	
CV (%)			7.1	4.1	1.7	1.8	26.9	3.7	6.6	

EXPERIMENT 4219 NATIONAL WHITE MOLD YIELD TRIAL								PLANTED: 6/13/14			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE	WM (1-9)	WM %
P07863	AN-37/P02630, ELDORADO	38	33.8	43.6	44.0	101.0	2.0	52.3	5.0	6.0	66.7
I14520	SF103-8	64	31.8	43.6	45.0	104.0	2.0	50.3	5.0	4.0	44.4
R12832	SR9-5/Merlot	45	31.0	37.1	43.0	98.0	1.7	53.3	4.3	4.0	44.4
G08254	G04514/Matterhorn, POWDERHORN	32	30.1	43.6	44.0	97.0	1.3	48.3	5.3	2.5	27.8
G13438	G09330//G09308/X09107	36	28.4	37.0	44.0	100.0	1.3	51.3	4.7	4.0	44.4
R12844	SR9-5/R09508	46	27.9	37.8	47.0	99.0	1.3	50.7	4.7	2.5	27.8
G13467	Matterhorn/P05436//Eldorado	34	27.2	39.2	44.0	99.0	2.0	55.0	4.3	5.0	55.6
I08933	37-2, USPT-WM-12	10	27.0	45.7	44.0	98.0	1.7	47.7	5.3	2.0	22.2
S08418	S02754/S04503, ROSETTA	53	26.8	39.5	45.0	102.0	1.3	49.3	5.0	3.0	33.3
I13444	031-A-11	9	26.8	43.9	42.0	104.0	2.0	49.7	4.3	3.0	33.3
B10244	B04644/ZORRO, ZENITH	5	26.5	23.3	45.0	98.0	1.0	49.3	5.3	3.5	38.9
B12724	B09184/B09135	25	26.4	25.2	44.0	100.0	1.0	48.0	5.0	3.5	38.9
P13701	G09305/ELDORADO	42	26.4	41.1	44.0	96.0	1.0	49.3	5.3	4.0	44.4
G12901	G07321/Fuji	8	26.3	31.3	44.0	100.0	1.0	52.0	5.0	4.5	50.0
B04554	B00103*/X00822, ZORRO	20	25.5	24.1	44.0	100.0	1.0	51.0	5.3	2.0	22.2
B12710	B07554//Jaguar/B07554	22	25.2	24.7	44.0	99.0	1.0	48.0	4.3	4.0	44.4
R13771	R98026/I11207	52	24.7	34.0	44.0	99.0	2.0	51.0	3.7	7.5	83.3
B11555	I82054/B07554	29	24.5	27.5	45.0	103.0	1.3	51.3	4.0	6.5	72.2
B12720	B09175/Eclipse	23	24.2	26.1	45.0	98.0	1.0	49.0	4.3	7.5	83.3
R13609	I11210/R98026	50	23.7	32.8	50.0	99.0	2.0	49.3	3.3	7.0	77.8
N12454	B09174/N09056	17	23.6	22.2	44.0	100.0	1.0	50.3	5.3	2.0	22.2
R98026	R94037/R94161, MERLOT	43	23.6	37.4	48.0	103.0	1.7	53.7	4.0	4.5	50.0
P12606	P07406/P08401	40	23.4	39.8	45.0	98.0	1.3	50.3	4.3	4.0	44.4
N12440	N09056/N09175	15	23.3	21.4	44.0	99.0	1.0	50.3	5.3	2.5	27.8
R13752	R98026/I11207	51	22.9	40.0	45.0	99.0	1.3	52.0	5.0	3.5	38.9
P11519	SANTA FE/P07806	39	22.4	41.1	50.0	104.0	2.0	57.0	4.3	6.5	72.2
R13526	X10308/R08514	48	21.8	39.5	50.0	100.0	1.0	55.0	4.7	5.5	61.1
N13140	N05324/MEDALIST	16	21.7	22.5	46.0	101.0	1.0	51.0	5.7	2.5	27.8
BC373	UCD 9634	37	21.0	38.7	44.0	102.0	2.3	49.7	3.3	4.5	50.0
B11363	B04644/B07554	21	21.0	24.8	46.0	99.0	1.0	48.7	5.0	1.0	11.1
G93414	MATTERHORN	33	20.9	38.5	43.0	95.0	1.7	48.0	4.0	6.5	72.2
G13424	Powderhorn//Eldorado/G09312	35	20.3	41.4	44.0	100.0	1.3	50.0	4.3	5.0	55.6
I13401	SR 09303	44	20.2	29.8	48.0	99.0	1.3	51.0	3.3	8.5	94.4
N13124	N08007/N05324	18	20.1	20.1	45.0	98.0	1.0	51.0	5.7	3.5	38.9
P12609	P08362/P08401	41	19.9	41.2	45.0	98.0	1.3	48.0	4.3	6.5	72.2
I81010	JAPON3/MAGDALENE, BUNSI	2	19.9	24.9	39.0	105.0	2.7	43.3	4.0	2.0	22.2
S12906	Rosetta/NDZ06209	54	19.8	38.9	45.0	102.0	1.7	49.3	4.3	5.5	61.1
N12467	N08010/N08007	13	19.6	20.9	45.0	99.0	1.3	51.7	4.7	5.0	55.6
N13131	N09175/N08007	19	19.4	21.6	45.0	98.0	1.0	49.0	4.7	5.5	61.1
B12721	B09175/Eclipse	24	19.4	26.8	45.0	98.0	1.0	48.7	4.3	3.5	38.9

EXPERIMENT 4219 NATIONAL WHITE MOLD YIELD TRIAL								PLANTED: 6/13/14			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	WM (1-9)	WM %
B11548	I82054/B07554	27	18.8	23.9	48.0	103.0	1.7	51.0	4.7	4.5	50.0
N12466	N08010/N08007	12	17.9	19.6	48.0	100.0	1.3	51.0	4.3	6.5	72.2
N11257	N07009/MEDALIST	14	17.7	21.0	48.0	100.0	1.0	49.7	4.7	3.5	38.9
I14519	23ST-27	63	17.6	40.7	44.0	95.0	2.3	47.3	3.0	9.0	100.0
C11266	C07401//CBB-20/C05653	55	17.5	62.4	38.0	95.0	1.0	46.0	4.7	5.0	55.6
R12859	R08512/SR9-5	7	17.3	40.3	44.0	96.0	1.0	46.0	4.0	5.0	55.6
I89011	BERYL	3	17.3	35.9	43.0	95.0	3.7	38.0	2.0	9.0	100.0
I11264	COOP 03019, MERLIN	11	17.2	23.0	44.0	102.0	1.0	50.0	4.3	2.0	22.2
S12911	PK9-7/Rosetta	47	16.9	43.5	45.0	101.0	1.7	47.7	4.0	3.0	33.3
B11551	I82054/B07554	28	16.5	29.5	49.0	105.0	3.0	50.3	2.7	8.0	88.9
K11709	K06012//K06014/K07715	57	16.2	60.9	39.0	103.0	1.7	46.7	4.3	3.0	33.3
N11283	MEDALIST/N08003, ALPENA	6	15.9	21.1	44.0	98.0	1.0	48.7	4.3	4.0	44.4
R13538	R98026/X10316	49	15.8	34.4	50.0	100.0	1.7	54.3	4.0	4.5	50.0
B11519	I82054/B07554	26	15.6	21.5	50.0	97.0	1.7	49.7	3.0	8.5	94.4
K11306	K06621/USDK-CBB-15	58	14.8	63.8	41.0	102.0	1.3	47.7	5.3	2.5	27.8
K13902	K06939/WALLACE//K08938	61	14.0	66.9	38.0	104.0	1.0	45.7	4.7	1.5	16.7
K11914	K04604/USWK-CBB-17	60	13.5	64.4	37.0	101.0	1.0	46.0	4.3	1.0	11.1
C11269	C07401//CBB-20/C05653	56	13.1	64.1	38.0	98.0	1.7	45.0	4.0	2.0	22.2
K08961	K04604/USDK-CBB-15, SNOWDON	62	12.4	77.1	37.0	96.0	1.0	45.0	4.3	2.0	22.2
B11569	I82054/B07554	31	11.7	25.2	48.0	105.0	2.3	51.0	3.3	9.0	100.0
K11916	K04607/USWK-CBB-17	59	11.4	56.6	37.0	96.0	1.0	42.3	4.0	1.0	11.1
I96417	G122	1	10.5	45.4	40.0	104.0	2.0	48.7	3.7	4.0	44.4
B11567	I82054/B07554	30	10.4	25.0	48.0	103.0	2.7	49.3	3.3	3.5	38.9
I14554	ASR1002	4	2.2	15.7	37.0	100.0	1.0	30.0	1.7	4.0	44.4
MEAN (64)			20.6	36.2	44.0	99.8	1.5	49.1	4.3	4.4	48.6
LSD (.05)			4.6	2.0	2.1	2.4	0.5	2.9	0.9	1.7	18.5
CV (%)			16.5	4.0	2.9	1.8	23.9	4.3	15.9	22.7	22.7

EXPERIMENT 4120 DRY BEAN DROUGHT YIELD TRIAL								PLANTED: 6/5/14	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE
B10244	B04644/ZORRO, ZENITH	23	43.2	24.0	48.0	94.0	1.0	52.8	5.7
I14541	(Black Rhino)x(SEN 10 (SB-DT1)	4	41.3	28.6	46.0	92.0	1.2	47.8	4.0
I14546	(USPT-ANT)x('Matterhornx98078-5-1-5-1)	9	40.0	43.1	40.0	92.0	2.6	48.3	3.3
I05834	ND020351, STAMPEDE	20	39.6	43.9	45.0	94.0	2.2	48.4	4.7
R12859	R08512/SR9-5	22	39.5	37.0	41.0	94.0	1.7	51.4	5.7
G08254	G04514/Matterhorn, POWDERHORN	21	39.5	41.1	41.0	94.0	0.9	52.9	5.3
B04554	B00103*/X00822, ZORRO	24	39.0	23.0	48.0	95.0	0.9	53.7	5.3
I14552	10486 (TARS-MST1)	15	38.1	25.6	46.0	93.0	1.3	47.9	5.0
I14544	(BelMiDak RMR10xB01741)x('BAT 477xL88-63)	7	36.7	24.3	49.0	92.0	1.9	48.2	3.7
G93414	MATTERHORN	17	36.7	36.7	41.0	90.0	2.2	47.5	4.0
I14549	Merlotx(98020-3-1-6-2xTacana)	12	33.9	32.3	49.0	97.0	1.8	50.2	4.0
I14550	Merlotx(98020-3-1-6-2xTacana)	13	33.8	29.5	50.0	97.0	2.1	50.9	3.3
I14553	Merlotx(05F-5055-1x98020-3-1-6-2)	16	33.3	38.2	44.0	93.0	0.8	50.5	4.7
I14538	(Tacana x VAX6)	1	32.7	25.5	46.0	94.0	1.9	50.4	4.0
I14542	(MoralesxXAN 176)x('EAP 9503-32A)	5	31.9	32.1	46.0	91.0	2.0	49.9	4.0
I14548	Merlotx(MerlotxSER 16)	11	30.8	43.4	42.0	91.0	3.4	41.4	3.3
I14543	(Tacana x VAX6)	6	30.7	28.1	48.0	91.0	2.5	46.5	3.3
R98026	R94037/R94161, MERLOT	19	29.9	41.8	39.0	90.0	2.9	46.7	3.0
BC138	Marquis	18	29.9	36.4	41.0	88.0	4.4	35.3	3.0
I14545	(Matterhorn)x(SER 21)	8	27.6	34.0	44.0	91.0	3.9	35.7	2.3
I14539	(MoralesxXAN 176)x('BAT 477xB98311)	2	27.0	23.2	47.0	91.0	1.9	48.2	3.7
I14551	10457	14	24.7	31.5	40.0	89.0	3.5	38.3	3.0
I14547	(ABCP8)x(TARS-PT03-1xVAX 6)	10	24.7	25.7	47.0	89.0	2.8	44.2	3.0
I14540	(BAT 477xL88-63)x('BelMiDak RMR10xB01741)	3	19.8	19.7	49.0	91.0	1.6	45.9	3.3
MEAN (24)			33.5	32.0	44.7	92.0	2.2	47.2	3.9
LSD (.05)			5.3	1.4	2.0	2.1	0.6	4.0	0.2
CV (%)			11.4	3.2	2.6	1.4	15.8	4.8	3.1