

2013 DRY BEAN YIELD TRIALS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	ENTRIES	DESIGN	REPS	HARVEST METHOD
3101	STANDARD NAVY BEAN YIELD TRIAL	06/05/13	SVR&EC	FRANKENMUTH	42	REC. LATTICE	4 DIRECT HARVESTED
3102	STANDARD BLACK BEAN YIELD TRIAL-1	06/05/13	SVR&EC	FRANKENMUTH	56	REC. LATTICE	4 DIRECT HARVESTED
3103	PRELIMINARY NAVY BEAN YLD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	56	REC. LATTICE	3 DIRECT HARVESTED
3104	PRELIMINARY BLACK BEAN YLD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	36	SQ. LATTICE	3 DIRECT HARVESTED
3105	STANDARD GREAT NORTHERN YLD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	36	SQ. LATTICE	4 DIRECT HARVESTED
3106	STANDARD PINTO BEAN YIELD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	25	SQ. LATTICE	4 DIRECT HARVESTED
3107	STANDARD PINK & SMALL RED YLD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	36	SQ. LATTICE	4 DIRECT HARVESTED
3108	PRELIMINARY GREAT NORTHERN YLD TRIAL	06/06/13	SVR&EC	FRANKENMUTH	84	ALPHA LATTICE	3 DIRECT HARVESTED
3109	PRELIM. PINK & SMALL RED YLD TRIAL	06/07/13	SVR&EC	FRANKENMUTH	42	REC. LATTICE	3 DIRECT HARVESTED
3110	PRELIMINARY RED GENETIC YIELD TRIAL-106/07/13	06/07/13	SVR&EC	FRANKENMUTH	40	ALPHA LATTICE	3 DIRECT HARVESTED
3111	PRELIMINARY RED GENETIC YIELD TRIAL-206/07/13	06/07/13	SVR&EC	FRANKENMUTH	80	ALPHA LATTICE	3 DIRECT HARVESTED
3112	PRELIMINARY RED GENETIC YIELD TRIAL-306/07/13	06/07/13	SVR&EC	FRANKENMUTH	56	REC. LATTICE	3 DIRECT HARVESTED
3113	MIDWEST & CO-OP. REGIONAL TRIAL	06/07/13	SVR&EC	FRANKENMUTH	49	SQ. LATTICE	3 DIRECT HARVESTED
3914	ORGANIC YIELD TRIAL-NAVY & BLACK	06/20/13		CARO	36	SQ. LATTICE	4 DIRECT HARVESTED
3216	STANDARD KIDNEY YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	56	REC. LATTICE	3 ROD PULLED
3217	PRELIMINARY BUSH KIDNEY YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	16	SQ. LATTICE	3 ROD PULLED
3218	STANDARD CRANBERRY YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	25	SQ. LATTICE	4 ROD PULLED
3219	PRELIMINARY CRANBERRY YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	20	REC. LATTICE	3 ROD PULLED
3220	PRELIMINARY MAYACOBIA YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	16	SQ. LATTICE	3 HAND PULLED
3221	PRELIMINARY FABADA YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	3	RCBD	3 HAND PULLED
3222	WHITE MOLD NATIONAL YIELD TRIAL	06/19/13	ENTRICAN	MONTCALM	64	SQ. LATTICE	3 DIRECT HARVESTED 3223
	IRRIGATED DROUGHT TRIAL	06/18/13	ENTRICAN	MONTCALM	96	REC. LATTICE	3 ROD PULLED
3224	NON-IRRIGATED DROUGHT TRIAL	06/18/13	ENTRICAN	MONTCALM	96	REC. LATTICE	3 ROD PULLED
3425	BNF YIELD TRIAL	06/04/13	CAMPUS	E. LANSING	130	ALPHA LATTICE	3 ROD PULLED

SVR&EC: SAGINAW VALLEY RESEARCH & EXTENSION CENTER

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.

3 OZ. RAPTOR/0.75 PT REFLEX/1 PT BASAGRAN ON 7/11/13.

PESTICIDES APPLIED: 3.0 OZ. WARRIOR ON JULY 11.

ENTRICAN: FERTILIZER BROADCAST: 200 POUNDS OF 19-10-19 PRIOR TO PLANTING. 50 POUNDS 46-0-0 SIDE DRESSED ON JULY 24.

HERBICIDES APPLIED: 2 PT. SONALAN/1.25 QT EPTAM/2PT. DUAL PPI. 3 OZ. RAPTOR/0.75 PT REFLEX/1 PT BASAGRAN ON 7/24/13.

PESTICIDES APPLIED: 9 OZ. ASANA ON JULY 24.

IRRIGATION APPLIED: 5.75 INCHES ON WHITE MOLD TRIALS - 9 APPLICATIONS; 4.0 INCHES ON

STANDARD YIELD TRIALS - 7 APPLICATIONS

E. LANSING: FERTILIZER: NONE.

HERBICIDES APPLIED: 2 PT. SONALAN + 1.25 QT EPTAM + 2PT. DUAL APPLIED PPI. 3 OZ. RAPTOR/0.75 PT REFLEX/1 PT BASAGRAN APPLIED 7/18/13.

PESTICIDES APPLIED: 4.0 OZ. WARRIOR ON JULY 18.

EXPERIMENT 3101 STANDARD NAVY YIELD TRIAL								PLANTED: 6/5/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N12440	N09056/N09175	39	28.0	19.0	46.0	101.0	1.5	53.0	4.5
N12454	B09174/N09056	38	26.8	18.7	43.0	101.0	2.0	55.0	4.5
I92002	C-20*3//GTS-0801/Seafarer, VISTA	21	26.3	20.1	46.0	105.0	2.0	52.5	4.0
N11264	N08003/MEDALIST	11	26.0	20.6	43.0	104.0	1.5	51.5	4.0
N12456	B09174/N09056	35	26.0	17.6	46.0	99.0	1.5	51.5	4.0
I11264	COOP 03019, MERLIN	4	25.8	19.3	44.0	105.0	1.0	54.5	4.0
N12447	B09174/N09056	28	25.7	19.2	45.0	100.0	2.0	51.0	4.3
N12466	N08010/N08007	30	25.7	16.7	50.0	100.0	1.0	55.0	5.5
N11225	N05311*/B05044	18	25.4	20.3	47.0	104.0	1.5	52.0	4.0
N12467	N08010/N08007	34	25.3	16.6	47.0	99.0	1.0	53.0	5.8
N11231	N05311//BMD12/B04587	15	25.2	17.7	45.0	100.0	1.0	52.5	4.0
N12458	B09174/N09056	33	25.1	17.6	44.0	98.0	1.5	50.5	4.0
N12457	B09174/N09056	37	25.0	18.0	44.0	99.0	1.0	51.5	4.8
N12468	N08010//B04349/B05044	25	24.9	17.2	47.0	99.0	1.5	52.0	5.0
I08902	HYLAND T9905	42	24.9	22.7	46.0	104.0	2.0	52.5	4.5
N11238	N07009//N05324/B04554	8	24.8	15.5	47.0	102.0	1.0	55.5	5.0
N11232	N05311//BMD12/B04587	7	24.7	18.2	45.0	101.0	1.0	52.0	4.3
N12453	N09065/N09050	27	24.5	19.6	45.0	99.0	1.0	57.0	5.0
N11258	N07009/MEDALIST	23	24.4	18.8	47.0	101.0	1.0	54.0	5.3
N11283	MEDALIST/N08003	3	24.2	19.2	46.0	102.0	1.0	54.0	5.5
N12442	N09060/N09175	26	24.1	22.9	45.0	101.0	1.0	54.0	5.5
N11298	MEDALIST//B05054/B04588	9	23.9	18.7	46.0	99.0	1.0	53.5	4.5
N11256	N07009/MEDALIST	14	23.8	17.8	46.0	100.0	1.0	52.0	5.8
N11257	N07009/MEDALIST	20	23.7	19.8	45.0	101.0	1.0	54.5	5.5
N11228	N05311//N07009/N05324	31	23.7	17.5	47.0	100.0	1.0	52.5	5.0
N11277	N08010/N08007	5	23.7	17.8	45.0	99.0	1.0	52.0	5.5
N11282	MEDALIST/N08003	13	23.6	20.0	44.0	100.0	1.0	52.5	4.8
N12441	N09060/N09175	29	23.0	22.5	47.0	101.0	1.5	52.0	4.8
N11230	N05311//BMD12/B04587	2	22.9	19.4	43.0	100.0	1.0	54.0	5.0
I10103	OAC 7-2, OAC REXETER	16	22.5	20.5	42.0	106.0	2.0	50.5	3.5
N11292	N08006/MEDALIST	6	22.2	19.0	43.0	100.0	1.0	53.5	4.3
I13438	GTS OB-1723-06	19	21.9	18.4	46.0	105.0	2.0	51.5	4.0
I08958	Mayflower/Avanti, MEDALIST	12	21.8	20.3	45.0	104.0	1.5	54.5	4.0
N11226	N05311*/B05044	24	21.6	19.0	48.0	102.0	1.0	51.0	4.3
N11284	MEDALIST/N08003	1	21.0	19.2	45.0	101.0	1.0	51.5	5.3
I13416	ND02-220-01N	41	20.6	20.1	47.0	99.0	1.0	51.0	4.0
I12301	INDI	22	20.0	18.6	43.0	100.0	1.0	54.0	4.0
N12461	Eclipse/N09056	32	18.8	17.4	45.0	99.0	1.5	49.0	4.3
N11296	MEDALIST//B05054/B04588	10	18.4	19.5	44.0	101.0	1.5	51.0	4.0
I10124	ND060514	40	17.7	23.0	45.0	99.0	2.5	47.5	3.5
N12446	B07554//X08106/X08102	36	14.9	17.0	42.0	99.0	1.0	48.5	4.3
I13437	GTS H96204	17	14.7	19.9	40.0	99.0	1.0	48.5	4.0
MEAN (42)			23.3	19.1	44.9	100.7	1.3	52.4	4.6
LSD (.05)			3.0	0.6	2.7	1.2	0.5	2.7	0.6
CV (%)			10.9	2.9	3.6	0.7	24.6	3.0	11.2

EXPERIMENT 3102 STANDARD BLACK YIELD TRIAL								PLANTED: 6/5/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
B10244	B04644/ZORRO	1	27.4	20.4	45.0	103.0	2.0	52.0	5.8
B11312	B04587//B05070/B05044	26	27.1	20.7	47.0	104.0	2.0	52.0	4.8
I13418	ND081157	52	25.3	18.2	49.0	103.0	2.5	51.5	3.8
B12710	B07554//Jaguar/B07554	40	25.3	20.7	47.0	103.0	1.0	53.5	5.5
B10215	B04587//ZORRO/DPC-1	7	25.3	19.0	47.0	103.0	1.5	53.5	5.5
B11343	B07554//ZORRO/B05044	15	25.2	18.0	44.0	102.0	2.5	49.0	4.0
B11371	B05055/B04587	23	25.1	18.2	47.0	102.0	2.0	51.0	4.3
B09165	B04554/B04587	11	25.0	19.1	49.0	103.0	2.0	52.5	5.3
B11334	N07009//B04349/B05044	6	24.8	17.2	43.0	103.0	1.0	51.5	5.8
B10213	B04587//ZORRO/DPC-1	4	24.8	19.3	47.0	101.0	1.0	52.5	5.5
B12712	B07554//Jaguar/B07554	39	24.5	19.2	48.0	102.0	1.5	53.0	5.0
B11304	N05324/B05055	28	24.5	19.1	47.0	101.0	1.5	53.0	4.3
I10102	Mackinac/Jaguar, LORETO	2	24.0	22.1	46.0	105.0	3.0	50.0	3.0
I07116	T-39/Midnight, SHANIA	20	23.9	20.3	48.0	105.0	1.0	53.5	4.0
B12711	B07554//Jaguar/B07554	50	23.9	19.1	44.0	103.0	1.0	53.5	5.8
I13417	ND071256	51	23.9	21.7	47.0	102.0	1.5	50.5	4.0
B12713	B07554//Jaguar/B07554	44	23.9	19.9	45.0	101.0	1.0	52.0	4.8
B12728	B09193/B09184	45	23.7	20.0	40.0	101.0	1.0	50.5	4.3
B12736	Eclipse/N09056	47	23.6	19.5	49.0	102.0	1.5	53.0	4.8
B95556	B90211/N90616, JAGUAR	16	23.4	18.1	45.0	100.0	1.0	50.5	4.5
I13436	GTS-1103	17	23.4	23.7	49.0	105.0	2.0	52.5	4.0
B12709	B07554//Jaguar/B07554	35	23.3	19.8	46.0	100.0	1.0	52.0	4.5
I08907	Midnight/Blackhawk, BLACK VELVET	21	23.3	21.8	47.0	105.0	1.0	54.0	4.0
B10238	ZORRO/B05055	18	23.1	17.3	48.0	100.0	1.0	50.5	5.3
B11364	B04644/B07554	13	23.0	20.2	46.0	102.0	1.5	50.0	4.5
B10210	N05324/B04431	14	23.0	21.5	45.0	103.0	2.0	54.5	5.5
B11363	B04644/B07554	3	22.9	18.1	47.0	101.0	1.0	53.5	5.3
B12720	B09175/Eclipse	36	22.9	21.3	45.0	103.0	1.0	53.5	5.0
B11311	B04587//ZORRO/DPC-1	24	22.7	19.3	48.0	103.0	1.5	52.5	5.3
B10214	B04587//ZORRO/DPC-1	12	22.7	18.5	46.0	102.0	1.0	52.5	5.3
B04554	B00103*/X00822, ZORRO	8	22.7	19.9	45.0	103.0	2.0	54.5	5.5
B12715	Zorro/N09056	43	22.5	17.5	49.0	102.0	1.0	51.0	4.5
I81066	SEL-BTS, T-39	22	22.3	19.5	48.0	104.0	3.5	44.0	3.0
B11370	B05055/B04265	27	22.2	18.2	46.0	100.0	1.0	50.0	4.8
B12724	B09184/B09135	42	22.1	18.2	45.0	101.0	1.0	51.5	4.8
B11310	B04587//ZORRO/DPC-1	25	22.0	19.8	47.0	101.0	1.5	51.5	4.3
B12729	B09201/B09135	49	21.9	16.1	48.0	100.0	1.0	50.5	4.5
B11259	N07009//B04349/B05044	10	21.8	17.2	46.0	101.0	1.5	52.5	4.5
B11372	B05055/B04587	32	21.8	17.1	49.0	101.0	2.0	49.0	4.0
B11302	N05311//B05055/B05053	30	21.7	19.3	43.0	102.0	1.0	54.5	4.8

EXPERIMENT 3102 STANDARD BLACK YIELD TRIAL								PLANTED: 6/5/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
B12721	B09175/Eclipse	37	21.5	20.9	44.0	102.0	1.0	54.5	5.3
B12723	B09184/B09135	48	21.3	17.8	44.0	102.0	1.0	52.5	4.8
B12707	B07554//X08106/X08102	38	21.2	17.8	47.0	101.0	1.0	51.5	4.5
B11356	JAGUAR/B04644	31	21.2	19.1	43.0	103.0	1.0	51.5	5.0
B12708	B07554//X08106/X08102	41	21.0	17.6	48.0	101.0	1.0	51.5	5.3
I13419	NDF09304	53	20.9	16.9	45.0	100.0	1.0	52.0	4.8
B12716	B09128/Eclipse	46	20.0	16.2	49.0	100.0	1.0	49.0	4.3
B11309	B04587//ZORRO/B05055	34	19.8	18.2	43.0	104.0	1.5	52.0	4.5
B11305	N05324/N04158	33	19.6	18.4	47.0	100.0	1.0	51.0	4.8
B10208	N05324/B05055	5	19.0	18.2	45.0	101.0	1.0	54.5	4.5
B10202	N05311/X06121	9	18.7	21.6	41.0	100.0	1.0	52.5	4.5
I03390	ND9902621-2, ECLIPSE	19	18.1	18.9	45.0	100.0	1.0	53.5	4.5
B11348	B04644//ZORRO/B05044	29	16.0	18.6	46.0	102.0	2.0	51.5	4.0
I13440	CO 07050-2	55	15.9	19.7	42.0	100.0	2.0	52.0	3.5
I13441	CO 07057-5	56	15.4	20.3	43.0	102.0	2.5	51.0	3.8
I13439	CO 07045-2	54	7.5	19.8	47.0	101.0	2.0	49.0	3.5
MEAN (56)			22.2	19.2	45.8	101.7	1.5	51.8	4.6
LSD (.05)			2.9	0.7	0.9	1.3	0.5	0.9	0.5
CV (%)			11.2	3.0	1.1	0.8	21.4	1.0	9.9

EXPERIMENT 3103 PRELIMINARY NAVY YIELD TRIAL

PLANTED: 6/6/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N11283	MEDALIST/N08003	52	29.3	19.4	47.0	101.0	1.0	54.0	5.3
N13140	N05324/MEDALIST	40	26.4	19.7	45.0	100.0	1.0	54.5	5.0
N13124	N08007/N05324	24	25.9	16.4	45.0	100.0	1.0	56.5	5.0
N13139	N05324/MEDALIST	39	25.6	17.9	44.0	101.0	2.0	55.0	4.7
N13131	N09175/N08007	31	25.5	19.2	46.0	99.0	2.0	52.5	4.7
I11264	COOP 03019, MERLIN	55	25.3	19.1	43.0	105.0	1.0	55.5	4.0
N12442	N09060/N09175	54	25.0	23.1	44.0	101.0	1.0	57.0	5.0
N13102	N09056//MEDALIST/N09067	2	24.9	17.3	44.0	99.0	1.5	54.0	4.0
N13135	N10102/N09046	35	24.7	21.2	44.0	100.0	1.0	53.5	4.3
N13110	N08003/N05324	10	24.4	18.5	44.0	100.0	1.0	56.0	5.3
N13132	N09175/N08007	32	24.2	18.6	47.0	100.0	1.5	57.0	5.0
N13136	N10102/B09200	36	24.0	21.7	42.0	101.0	1.0	55.0	4.3
N13134	N09175/N08007	34	23.8	21.4	47.0	100.0	1.0	57.5	4.7
N11298	MEDALIST//B05054/B04588	53	23.7	19.1	45.0	102.0	1.5	54.0	4.0
N13142	N08007/N09046	42	23.6	17.8	47.0	101.0	1.5	55.5	4.7
N13133	N09175/N08007	33	23.6	19.3	46.0	99.0	1.0	55.0	4.0
N13104	VIGILANT//N09175/N09011	4	23.6	17.6	45.0	99.0	1.0	55.5	4.3
N13112	N08003/N05324	12	23.6	17.8	45.0	101.0	1.0	54.5	4.7
N13120	N08003/N05324	20	23.4	20.5	44.0	100.0	1.0	55.5	5.0
N13151	N08007//B05054/B04588	51	23.4	18.6	48.0	100.0	1.0	53.0	4.7
N13126	N08007/N05324	26	23.4	17.3	45.0	99.0	1.0	54.5	4.3
I08958	Mayflower/Avanti, MEDALIST	56	23.3	19.4	45.0	103.0	1.5	55.0	4.0
N13115	N08003/N05324	15	23.3	19.3	44.0	101.0	1.0	57.5	5.3
N13138	N09056//N09034/N06702	38	23.3	19.1	46.0	101.0	1.5	55.5	4.0
N13125	N08007/N05324	25	23.2	17.9	45.0	100.0	1.0	56.0	5.0
N13118	N08003/N05324	18	23.1	17.4	45.0	100.0	1.0	56.0	5.3
N13122	N08003/N05324	22	23.1	20.6	44.0	100.0	1.0	56.5	5.3
N13141	N05324/MEDALIST	41	22.7	17.8	44.0	99.0	1.0	51.5	4.7
N13108	VIGILANT//AVALANCHE/N09054	8	22.6	20.0	44.0	99.0	1.0	52.0	4.7
N13113	N08003/N05324	13	22.6	19.3	43.0	100.0	1.0	56.5	4.7
N13119	N08003/N05324	19	22.4	16.0	47.0	105.0	1.0	56.5	4.3
N13105	VIGILANT//N09175/N09011	5	22.3	19.5	44.0	99.0	1.0	57.0	4.3
N13109	VIGILANT//I06271/N09054	9	22.2	20.2	45.0	99.0	1.0	55.0	4.3
N13116	N08003/N05324	16	22.1	19.1	45.0	100.0	1.0	58.5	5.3
N13121	N08003/N05324	21	22.0	23.2	43.0	101.0	1.0	51.5	5.0
N13148	AVALANCHE/N09045	48	21.9	18.2	48.0	102.0	1.0	53.5	5.0
N13111	N08003/N05324	11	21.8	20.3	44.0	100.0	1.0	54.0	5.0
N13150	N04158//N04141/N05317	50	21.8	20.3	43.0	100.0	1.0	57.0	5.0
N13106	VIGILANT//N09175/N09011	6	21.6	20.0	45.0	100.0	1.0	55.5	5.0
N13101	N09056//MEDALIST/N09067	1	21.4	18.2	45.0	99.0	1.5	51.0	4.0

EXPERIMENT 3103 PRELIMINARY NAVY YIELD TRIAL								PLANTED: 6/6/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
N13137	I09215/N09020	37	21.3	22.1	45.0	100.0	2.0	52.5	4.0
N13103	N09056//MEDALIST/N09067	3	21.2	16.7	44.0	100.0	1.5	55.0	4.3
N13147	AVALANCHE/N09045	47	20.7	17.6	48.0	100.0	1.0	51.5	4.3
N13107	VIGILANT//N09175/N09011	7	20.4	17.8	44.0	99.0	1.0	53.5	4.0
N13117	N08003/N05324	17	20.3	16.7	43.0	102.0	1.0	56.0	5.0
N13146	VIGILANT/N09175	46	19.8	18.4	43.0	104.0	1.5	53.0	4.0
N13114	N08003/N05324	14	19.7	20.7	45.0	105.0	1.0	56.5	4.0
N13128	N08007/N10102	28	19.7	19.2	45.0	101.0	2.0	54.5	4.3
N13129	N09046/N08007	29	19.3	16.4	46.0	100.0	1.0	57.5	4.7
N13123	N08003/N05324	23	19.1	22.3	46.0	100.0	1.0	56.5	4.7
N13130	N09046/N08007	30	18.6	17.2	46.0	100.0	1.5	55.0	4.3
N13127	N08007/N10102	27	17.6	20.7	44.0	103.0	1.0	54.5	4.3
N13144	N10102/N05324	44	17.4	23.3	42.0	105.0	2.0	55.5	4.0
N13145	N10102/N05324	45	17.1	23.4	43.0	105.0	2.0	56.0	4.0
N13149	N04158//B04644/X08103	49	16.7	19.9	42.0	101.0	1.0	48.0	4.0
N13143	N10102/N05324	43	16.3	21.5	44.0	105.0	2.0	54.0	4.0
MEAN (56)			22.3	19.3	44.6	100.6	1.2	54.8	4.6
LSD (.05)			3.1	0.8	1.6	1.4	0.4	1.4	0.6
CV (%)			10.4	2.9	2.1	0.9	20.1	1.5	9.9

EXPERIMENT 3104 PRELIMINARY BLACK YIELD TRIAL

PLANTED: 6/6/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
B10244	B04610/N05346	34	23.9	20.1	47.0	98.0	1.0	51.4	5.0
B13225	PR0443-151/B09175	25	22.1	21.5	47.0	98.0	2.0	50.7	5.5
B13217	B09175/I09213	17	21.7	24.1	46.0	98.0	1.5	51.2	4.5
B13204	B09174/VCW54-1	4	21.2	23.0	46.0	98.0	1.0	49.8	4.5
B13228	B09175/JAGUAR	28	21.2	19.9	46.0	98.0	1.0	52.1	5.0
B13218	B09175/I09215	18	20.5	24.9	45.0	98.0	1.0	52.6	5.5
B13229	B09175/JAGUAR	29	20.3	19.2	46.0	98.0	1.0	50.9	5.0
B13220	B09175/TARS-MST1	20	20.3	19.6	44.0	97.0	1.5	49.3	5.0
B13203	B09174/VCW54-1	3	20.1	23.7	46.0	98.0	1.0	52.1	5.0
B13219	B09175/I09215	19	20.1	25.2	46.0	98.0	1.0	52.2	5.0
B13202	B09174/VCW54-1	2	19.8	23.1	46.0	98.0	1.0	51.0	5.0
B13223	PR0443-151/B09175	23	19.7	21.9	47.0	98.0	1.5	50.5	5.5
B04554	B00103*/X00822, ZORRO	35	19.2	18.7	47.0	98.0	1.5	50.7	5.0
B13213	B09175/JAGUAR	13	18.3	20.8	49.0	98.0	1.0	50.5	5.0
B13224	PR0443-151/B09175	24	18.1	22.1	47.0	98.0	2.0	50.4	4.5
B13214	B09175/JAGUAR	14	17.8	19.3	47.0	98.0	1.0	49.9	5.0
I07116	T-39/Midnight, SHANIA	36	17.3	20.5	48.0	99.0	1.5	52.4	4.0
B13211	JAGUAR/B09175	11	17.1	19.0	48.0	97.0	1.0	49.0	4.0
B13210	JAGUAR/B09175	10	16.9	19.9	47.0	97.0	1.5	49.7	4.5
B13227	ZORRO/B09204	27	16.6	19.4	47.0	97.0	1.0	48.8	4.0
B13208	JAGUAR/B09175	8	16.5	19.0	44.0	97.0	1.0	50.0	4.0
B13205	TACANA/VAX6//B09197	5	16.2	20.9	48.0	96.0	1.0	48.7	4.5
B13216	B09175/I09213	16	16.1	22.4	47.0	98.0	1.0	51.4	5.0
B13222	PR0443-151/B09175	22	15.6	19.7	46.0	98.0	1.0	49.5	5.0
B13230	I09215/JAGUAR	30	15.5	20.0	46.0	97.0	1.0	47.6	4.0
B13206	TACANA/VAX6//B09197	6	15.4	22.0	46.0	97.0	1.0	48.2	4.0
B13221	PR0443-151/B09175	21	15.3	19.0	46.0	97.0	1.0	51.8	4.5
B13215	B09175/I09213	15	14.7	23.2	49.0	98.0	1.0	48.7	4.0
B13209	JAGUAR/B09175	9	14.0	18.4	46.0	96.0	1.0	47.2	4.0
B13207	JAGUAR/B09175	7	13.8	18.9	46.0	96.0	1.0	48.6	4.0
B13231	I09215/B09175	31	13.7	19.1	46.0	97.0	1.0	49.3	4.0
B13212	JAGUAR/I09213	12	13.2	21.8	47.0	98.0	1.0	47.3	4.5
B13226	TACANA/VAX6//B09197	26	10.8	18.4	47.0	96.0	1.0	46.2	4.0
I13403	Zorro/DPC40, PR1165-3	33	9.9	20.7	45.0	97.0	1.0	47.8	4.0
I13402	Zorro/DPC40, PR1165-2	32	9.2	20.5	45.0	98.0	1.0	49.6	4.0
B13201	ZORRO//TACANA/VAX6	1	8.0	18.1	46.0	97.0	1.0	49.0	4.0
MEAN (36)			17.0	20.8	46.2	97.3	1.1	49.9	4.6
LSD (.05)			2.6	0.8	0.9	0.7	0.3	1.3	0.6
CV (%)			11.1	2.7	1.2	0.4	15.2	1.5	7.9

EXPERIMENT 3105 STANDARD GREAT NORTHERN YIELD TRIAL							PLANTED: 6/6/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE	
G12901	G07321/FUJI	17	25.0	28.6	42.0	105.0	1.5	51.5	5.5	
G12902	G07321/FUJI	18	19.7	24.8	40.0	102.0	2.0	49.5	4.3	
G12903	G07321/FUJI	16	19.7	24.7	40.0	103.0	2.0	50.5	4.3	
G11438	G07309/P08401	1	19.6	35.1	42.0	100.0	1.5	48.5	4.5	
G11429	G07309//G05241/B04588	6	19.4	29.1	47.0	101.0	2.0	51.0	5.3	
G12904	G07321/FUJI	19	18.8	24.8	41.0	100.0	1.5	48.0	4.3	
G11431	G07309//G05241/B04588	23	18.6	28.7	42.0	102.0	2.0	51.0	5.0	
G11440	G07309/P08401	4	18.5	34.2	41.0	99.0	1.5	49.0	4.5	
G12502	P08410/G07302	14	18.4	32.8	41.0	99.0	1.5	48.0	4.3	
G11464	G07309//G07302/BMN13	5	18.3	39.7	42.0	101.0	2.0	48.5	3.5	
G11463	G07309//G04207/I07130	12	17.5	38.0	43.0	100.0	2.5	47.5	3.5	
G09303	G04207/P05437	24	17.2	29.5	40.0	100.0	2.0	50.5	4.0	
G13480	ELDORADO/G08263	7	16.9	36.8	41.0	100.0	1.0	50.5	4.3	
G08254	G04514/Matterhorn, POWDERHORN	2	16.8	31.3	40.0	100.0	1.5	49.5	4.5	
G13484	P09406//ELDORADO/G09312	10	16.7	37.4	43.0	102.0	1.0	51.5	4.3	
G12508	P08410/G08275	15	16.4	27.8	42.0	100.0	1.0	49.5	5.3	
G11416	G05220/X07810	3	15.9	31.1	40.0	100.0	2.0	48.0	3.8	
G93414	MATTERHORN	13	15.4	33.1	40.0	100.0	2.0	48.0	4.0	
G11405	G05220//G04207/P05437	11	14.6	31.2	41.0	100.0	1.0	52.0	4.5	
BC296	GN9-4	21	14.6	34.8	40.0	98.0	2.0	46.5	3.3	
G11428	G07309//G07302/BMN13	9	13.9	34.2	42.0	99.0	2.0	49.0	3.8	
I12321	PS02-028A-3-B2	22	12.3	34.4	40.0	99.0	2.5	46.0	3.0	
G05922	HIME TEBO*4/MATTERHORN, FUJI	20	10.9	26.8	43.0	106.0	2.0	45.0	3.0	
G13483	P09406//ELDORADO/G09312	8	10.8	36.9	43.0	102.0	1.0	50.0	4.5	
MEAN (36)			16.9	31.9	41.2	100.5	1.7	49.1	4.2	
LSD (.05)			2.2	1.8	1.9	2.3	0.7	2.1	0.6	
CV (%)			11.0	4.7	2.6	1.3	23.2	2.5	12.3	

EXPERIMENT 3106 STANDARD PINTO YIELD TRIAL							PLANTED: 6/6/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
P07863	AN-37/P02630, ELDORADO	1	22.8	41.7	41.0	105.0	2.0	54.0	5.0	
P11519	SANTA FE/P07806	13	21.8	38.4	48.0	103.0	2.0	52.0	5.0	
P12606	P07406/P08401	18	20.7	33.5	41.0	101.0	2.0	52.5	5.0	
I07113	PNE-6-94-75/Kodiak, LAPAZ	8	20.5	35.0	44.0	101.0	1.5	52.0	4.0	
P11518	SANTA FE/P07806	11	20.0	37.4	48.0	104.0	2.0	55.5	4.5	
P11506	P06121/P05436	6	19.0	30.0	41.0	100.0	2.5	47.5	3.5	
P08403	P05463/USPT-CBB-5	12	18.8	29.1	40.0	101.0	2.0	50.5	5.5	
P08161	MATTERHORN/EMP 507	9	18.8	35.1	44.0	100.0	2.0	50.0	3.0	
P12605	P07406/P08401	20	18.6	31.9	41.0	101.0	1.0	49.0	3.5	
P12609	P08362/P08401	5	18.2	32.4	40.0	100.0	1.0	48.0	4.5	
P11523	P04203/P06125	19	17.9	33.0	42.0	101.0	2.0	48.0	4.5	
P13701	G09305/ELDORADO	21	17.5	35.9	43.0	102.0	1.5	50.5	4.0	
P12604	P07406/P08401	10	17.5	34.0	42.0	102.0	2.0	49.5	4.5	
P12603	P07406/P08401	7	17.3	29.0	40.0	100.0	2.0	49.0	4.0	
P13704	ELDORADO*/P09401	24	17.0	37.1	42.0	103.0	2.0	49.0	4.5	
I09123	Sierra/Buster, Medicine Hat	2	16.7	34.1	39.0	99.0	2.5	47.5	3.5	
P09425	P00225/USPT-CBB-6	3	16.5	38.2	41.0	100.0	1.5	52.0	5.0	
P11526	SANTA FE/P07806	16	16.4	34.6	41.0	102.0	2.5	46.5	4.0	
P13703	ELDORADO*/P09401	23	16.2	35.0	39.0	101.0	2.0	49.0	4.0	
P13702	G09305/ELDORADO	22	16.2	35.3	40.0	102.0	1.0	54.0	5.0	
P12612	P08381/P08401	15	15.8	30.2	41.0	101.0	2.0	50.5	4.5	
P11517	P06131//P06137/P05436	14	15.5	35.8	40.0	101.0	3.0	48.0	3.0	
P12613	P08381/P08401	17	15.5	29.5	41.0	100.0	1.0	49.5	4.0	
P12610	P08362/P08401	4	15.4	32.5	39.0	100.0	1.0	47.0	4.5	
P13705	P08312/USPT-WM-12	25	13.9	36.3	42.0	100.0	1.0	46.0	3.5	
MEAN (25)			17.8	34.2	41.6	100.9	1.8	49.9	4.2	
LSD (.05)			1.8	1.2	1.1	1.2	0.2	0.2	1.0	
CV (%)			8.6	3.0	1.5	0.7	7.6	0.2	12.8	

EXPERIMENT 3107 STANDARD RED AND PINK YIELD TRIAL								PLANTED: 6/6/13		
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
I13446	SR 09304	36	29.7	27.6	45.0	99.0	3.0	46.0	3.5	
I13401	SR 09303	29	28.6	25.1	46.0	103.0	2.0	50.0	5.0	
R11806FM	X07714/X07710	34	27.4	29.6	47.0	102.0	3.0	47.0	4.0	
R12845	SR9-5/R09508	16	26.7	32.9	43.0	105.0	2.0	54.0	4.5	
R12844	SR9-5/R09508	20	25.6	32.5	44.0	104.0	2.0	53.0	5.0	
S00809	R94142/X94076, SEDONA	28	25.4	34.6	44.0	101.0	2.5	49.5	4.0	
R11608		2	24.1	34.1	43.0	103.0	2.0	53.5	5.0	
S12911	PK9-7/Rosetta	8	24.1	33.1	41.0	104.0	2.0	49.0	4.0	
R12859	R08512/SR9-5	6	23.6	28.9	41.0	103.0	1.5	53.5	5.5	
R12843	SR9-5/R09508	19	23.5	30.9	43.0	103.0	2.0	52.0	5.0	
R11633	R06412//P06121/P05436	3	23.2	34.1	45.0	103.0	1.5	49.5	4.0	
S12906	Rosetta/NDZ06209	13	23.0	32.3	41.0	102.0	1.5	49.0	5.0	
R12857	R08512/SR9-5	14	22.8	30.6	43.0	101.0	1.5	53.5	5.5	
R12860	R08512/SR9-5	9	22.7	29.3	41.0	102.0	1.5	54.0	5.5	
S12910	PK9-7/Rosetta	5	22.5	33.1	40.0	102.0	2.0	50.5	5.0	
S12909	PK9-7/Rosetta	12	22.2	33.6	41.0	104.0	2.0	50.5	4.5	
S12904	Rosetta/PK9-4	11	22.1	32.1	42.0	100.0	2.0	48.0	5.0	
S08418	S02754/S04503, ROSETTA	27	22.0	32.7	43.0	103.0	1.5	51.0	5.5	
R12858	R08512/SR9-5	17	22.0	32.3	42.0	104.0	1.5	54.0	5.0	
R12832	SR9-5/Merlot	7	22.0	35.6	41.0	103.0	1.5	51.5	4.0	
R12805	Merlot/NDZ06209	22	21.8	29.5	45.0	104.0	2.0	50.5	4.5	
R12802	Merlot/SR9-2	23	21.4	32.1	43.0	103.0	2.0	50.0	4.0	
R98026	R94037/R94161, MERLOT	26	21.3	33.2	43.0	105.0	2.0	54.0	4.0	
R12818	R08504/NDZ06249	24	20.7	30.9	43.0	104.0	2.0	51.0	4.5	
R13859	R12859 Selection	31	20.5	28.3	42.0	102.0	1.5	51.0	5.0	
S11703	R06418/S07809	1	19.2	29.0	39.0	101.0	2.5	46.5	3.5	
R13026	Merlot SPS from ID	32	19.1	32.6	41.0	105.0	1.0	55.0	6.0	
R12840	SR9-5/R02072	25	18.8	28.5	41.0	103.0	1.5	53.0	5.5	
R12864	R02085/SR9-2	15	18.5	29.1	44.0	100.0	1.0	51.0	4.5	
R11801FJ	X07712/X07721	33	18.3	31.0	39.0	98.0	3.0	45.5	3.5	
S12908	PK9-4/S08410	18	17.3	35.2	42.0	102.0	2.0	49.0	4.0	
R12828	R09505/NDZ06209	21	16.1	28.9	42.0	101.0	1.5	50.0	6.0	
I09208	Buster/Vax3, RIO ROJO	35	15.2	27.5	42.0	99.0	2.0	47.0	3.0	
R11604	R02189//R06414/RAB651	4	14.9	32.3	42.0	102.0	1.0	48.0	4.5	
R12824	R09505/NDZ06209	10	13.7	31.1	44.0	100.0	1.5	47.0	3.5	
I11271	10IS-2423	30	10.6	21.0	45.0	98.0	1.5	44.5	3.0	
MEAN (36)			21.4	31.0	42.3	101.9	1.9	50.3	4.5	
LSD (.05)			2.3	1.3	1.8	0.6	0.7	1.3	1.0	
CV (%)			9.2	3.6	2.5	0.3	23.4	1.5	12.8	

EXPERIMENT 3108 PRELIMINARY GREAT NORTHERN YIELD TRIAL								PLANTED: 6/6/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
		/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	
G13467	X09107/P07863	67	31.2	37.7	45.0	102.0	1.5	56.0	5.3
G13466	X09107/P07863	66	30.8	37.6	45.0	102.0	2.0	43.5	5.0
G13465	X09107/P07863	65	26.0	34.2	45.0	100.0	1.0	54.0	4.7
G13412	G08254//G09301/P07863	12	26.0	29.3	42.0	100.0	2.0	54.0	4.3
G13424	G08254//P07863/G09312	24	25.8	31.9	44.0	101.0	2.0	53.0	4.7
G13404	G08254//G09301/P07863	4	25.5	33.8	43.0	102.0	2.0	55.5	4.3
G13406	G08254//G09301/P07863	6	24.7	32.7	41.0	102.0	2.0	52.5	4.3
G13481	P07863//G09301/I07142	80	23.9	33.3	44.0	103.0	2.0	54.0	4.7
G13408	G08254//G09301/P07863	8	23.9	33.4	42.0	101.0	1.5	52.5	4.0
G13410	G08254//G09301/P07863	10	23.7	33.7	40.0	100.0	2.0	49.5	4.0
G13417	G08254//G09305/P07863	17	23.7	34.0	43.0	103.0	1.5	53.5	5.0
G13479	P07863/G09312	79	23.3	26.0	42.0	100.0	1.0	53.5	4.7
G13478	P07863/G09312	78	23.2	28.5	41.0	103.0	1.5	55.0	5.3
G13482	P07863//G09301/I07142	81	23.0	35.6	41.0	103.0	2.0	52.0	4.3
G13450	G08217//P08372/P08410	50	22.8	31.3	42.0	101.0	1.0	51.5	5.7
G13401	G08254//G09301/P07863	1	22.6	34.7	41.0	102.0	1.5	55.0	4.3
G13416	G08254//G09305/P07863	16	22.5	33.8	41.0	101.0	1.0	52.5	5.0
G13414	G08254//G09305/P07863	14	22.4	36.3	41.0	101.0	1.0	55.0	4.7
G13468	G08259/X09101	68	22.4	34.4	44.0	104.0	1.5	54.0	4.7
G13425	G08254//P07863/G09312	25	22.4	32.4	40.0	101.0	1.5	51.5	4.7
G13444	G07302//G08274/P08410	44	22.1	32.2	40.0	99.0	2.0	50.5	5.0
G13442	G07302//G08274/P08410	42	21.8	29.0	40.0	99.0	1.0	50.5	4.7
G13411	G08254//G09301/P07863	11	21.8	30.6	44.0	100.0	1.0	53.0	4.7
G13469	G08259/X09101	69	21.7	35.1	42.0	103.0	2.0	51.0	4.3
G13443	G07302//G08274/P08410	43	21.7	29.9	43.0	100.0	2.0	49.0	4.7
G13456	G08217//P08372/P08410	56	21.6	31.5	42.0	100.0	1.0	53.0	5.0
G93414	MATTERHORN	84	21.6	32.9	42.0	100.0	2.0	48.0	3.7
G13477	P07863/G09312	77	21.6	25.7	39.0	100.0	1.0	50.5	5.0
G13462	G09312/P07863	62	21.5	25.1	42.0	102.0	1.0	43.5	5.7
G13423	G08254//P07863/G09312	23	21.5	31.7	42.0	103.0	2.0	51.5	4.3
G13402	G08254//G09301/P07863	2	21.2	34.9	43.0	102.0	1.5	51.5	4.0
G13452	G08217//P08372/P08410	52	21.2	30.4	42.0	99.0	1.0	51.0	5.3
G13418	G08254//P07863/G09312	18	21.2	32.1	42.0	99.0	1.5	72.5	4.0
G13463	G09312/P07863	63	21.2	25.2	44.0	100.0	1.0	52.0	5.7
G13407	G08254//G09301/P07863	7	21.2	33.4	43.0	103.0	1.5	55.0	4.7
G13458	G09301/P07863	58	21.1	34.6	40.0	103.0	2.0	50.0	4.3
G13457	G08217//P08372/P08410	57	21.0	31.1	43.0	99.0	1.0	49.0	4.7
G13426	G08254//P07863/G09312	26	21.0	30.8	41.0	100.0	1.5	53.0	4.7
G13409	G08254//G09301/P07863	9	20.8	30.6	41.0	100.0	2.0	53.0	4.3
G08254	G04514/Matterhorn, POWDERHORN	83	20.7	32.1	39.0	100.0	2.0	52.0	4.7
G13447	G08217//G08215/P07407	47	20.6	28.5	42.0	102.0	1.5	53.0	5.0
G13428	G09320//G09302/P07863	28	20.6	35.1	40.0	101.0	2.0	54.5	4.0
G13415	G08254//G09305/P07863	15	20.5	34.8	42.0	102.0	1.5	54.0	4.3
G13448	G08217 // G08215 / P07407	48	20.4	28.3	40.0	100.0	1.0	55.0	5.0
G13451	G08217//P08372/P08410	51	20.4	28.5	43.0	100.0	1.0	52.0	5.7

EXPERIMENT 3108 PRELIMINARY GREAT NORTHERN YIELD TRIAL								PLANTED: 6/6/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
		/ACRE		WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
G13403	G08254//G09301/P07863	3	20.1	34.1	38.0	102.0	1.0	50.0	4.3
G13471	G05922/G09312	71	19.9	29.0	44.0	105.0	1.5	53.0	5.0
G13421	G08254//P07863/G09312	21	19.9	31.9	41.0	99.0	2.0	47.5	3.3
G13464	G09312/P07863	64	19.9	25.5	44.0	101.0	1.0	54.0	5.3
G13440	G07302//G08274/P08410	40	19.7	29.1	41.0	100.0	1.0	51.5	5.0
G13405	G08254//G09301/P07863	5	19.6	33.6	39.0	101.0	2.0	51.5	4.3
G13413	G08254//G09305/P07863	13	19.6	33.5	43.0	100.0	1.5	54.0	4.7
G13455	G08217//P08372/P08410	55	19.5	29.0	41.0	101.0	1.0	52.0	5.3
G13475	G09312/G05922	75	19.4	29.4	44.0	104.0	1.0	52.5	4.0
G13439	G09330*/G08259	39	19.3	32.4	41.0	101.0	2.0	51.0	4.3
G13441	G07302//G08274/P08410	41	19.2	29.3	40.0	100.0	2.0	50.0	5.0
G13432	G09330//G09308/X09101	32	19.1	33.6	42.0	100.0	2.0	51.5	4.7
G13419	G08254//P07863/G09312	19	19.1	29.9	44.0	101.0	2.0	50.5	4.0
G13449	G08217//P08372/P08410	49	19.1	30.7	43.0	100.0	1.0	51.0	5.0
G13454	G08217//P08372/P08410	54	19.1	29.6	40.0	100.0	1.0	50.5	5.0
G13437	G09330//G09308/X09107	37	18.7	28.2	40.0	100.0	1.0	52.0	5.3
G13473	G09312/G05922	73	18.6	27.6	44.0	103.0	1.0	41.0	4.7
G13434	G09330//G09308/X09101	34	18.3	33.7	42.0	99.0	1.5	52.0	4.3
G13474	G09312/G05922	74	18.3	23.4	39.0	103.0	1.0	50.5	4.0
G13422	G08254//P07863/G09312	22	18.3	29.3	41.0	100.0	2.0	47.0	4.0
G13453	G08217//P08372/P08410	53	18.0	27.8	41.0	100.0	1.0	50.0	4.7
G13431	G09330//G09308/X09101	31	17.9	35.5	41.0	100.0	1.5	52.5	5.3
G13461	G09305/I09113	61	17.6	34.9	42.0	103.0	1.5	55.0	5.3
G13433	G09330//G09308/X09101	33	17.2	32.5	42.0	100.0	1.5	50.5	4.3
G13427	G08254//P07863/G09312	27	17.2	31.3	39.0	100.0	1.5	52.5	4.0
G13438	G09330//G09308/X09107	38	17.2	32.4	43.0	100.0	1.0	52.0	4.7
G13476	G09312/G05922	76	17.2	29.0	42.0	105.0	2.0	52.0	3.7
G13420	G08254//P07863/G09312	20	16.6	28.7	42.0	102.0	2.0	48.5	3.7
G13430	G09330//G09308/X09101	30	16.2	33.7	42.0	100.0	1.0	50.5	4.7
G13445	G08217//G08215/P07407	45	16.0	29.8	41.0	100.0	1.5	50.5	4.0
G13446	G08217//G08215/P07407	46	15.8	28.7	40.0	100.0	1.0	51.0	4.0
G13429	G09320//G09302/P07863	29	15.7	39.3	39.0	104.0	2.0	49.0	3.0
G13460	G09305/I09113	60	15.3	32.2	42.0	103.0	1.0	51.0	4.7
G13470	G05922/G09312	70	15.1	26.6	42.0	103.0	1.0	49.5	3.7
G13459	G09305/I09113	59	14.8	33.3	42.0	102.0	1.0	53.0	4.7
G13435	G09330//G09308/X09101	35	14.7	29.6	43.0	100.0	1.0	50.5	4.3
G13472	G05922/G09312	72	13.6	25.8	40.0	104.0	1.0	49.0	4.3
G13436	G09330//G09308/X09107	36	13.2	37.8	42.0	101.0	1.0	53.0	4.7
G05922	HIME TEBO*4/MATTERHORN, FUJI	82	13.1	27.3	41.0	105.0	1.5	45.0	3.3
MEAN (84)			20.3	31.4	41.5	101.0	1.5	51.7	4.6
LSD (.05)			2.5	1.6	1.2	1.0	0.5	6.8	0.8
CV (%)			8.9	3.7	1.7	0.6	20.6	7.9	12.6

EXPERIMENT 3109 PRELIMINARY RED AND PINK YIELD TRIAL								PLANTED: 6/7/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13526	X10308/R08514	26	28.9	36.1	43.0	102.0	1.5	59.3	5.0
I13401	SR 09303	42	28.7	26.0	44.0	102.0	2.0	57.3	4.3
R13515	I07148//I08962/P07863	15	27.4	29.1	45.0	102.0	3.0	51.9	4.0
R13511	I09138//S09603/R02082	11	26.4	31.7	42.0	100.0	2.0	54.2	4.0
R13538	R98026/X10316	38	25.9	30.7	45.0	103.0	2.0	59.0	4.3
R13537	R98026/X10316	37	25.3	31.2	46.0	103.0	2.0	59.1	4.7
R13517	R98026/I10126	17	25.3	30.0	47.0	102.0	2.0	58.6	4.7
R13507	I09134//R08504/R09508	7	25.3	34.5	45.0	103.0	1.5	59.4	4.3
R13502	I09140//R09505/P07863	2	24.4	37.6	43.0	102.0	2.0	56.3	4.3
R13518	R98026/I10126	18	24.3	33.0	43.0	104.0	2.0	56.3	4.3
R13501	I09140//R09505/P07863	1	24.1	36.1	45.0	104.0	2.0	57.6	4.0
R98026	R94037/R94161, MERLOT	41	24.0	33.8	44.0	104.0	2.0	57.0	4.0
R13503	I09140//R09505/P07863	3	23.3	35.4	43.0	100.0	2.0	51.7	3.7
R13514	I07148//I08962/P07863	14	23.2	29.3	46.0	103.0	2.0	53.1	4.3
R13506	I09140//R09505/P07863	6	22.6	32.5	43.0	103.0	1.5	54.5	4.3
R13535	R98026/X10316	35	22.1	32.5	46.0	104.0	3.0	54.1	4.0
R13539	S00809/I09226	39	21.8	28.9	41.0	100.0	2.5	52.9	4.0
R13536	R98026/X10316	36	21.0	29.4	45.0	102.0	1.5	59.2	4.3
R13513	I09141//R02085/I09202	13	20.3	30.2	41.0	100.0	1.0	57.4	4.3
R13510	I09136//R02085/I09202	10	20.0	22.9	44.0	102.0	2.0	57.0	5.0
R13509	I09136//R02085/I09202	9	19.8	26.5	43.0	100.0	1.5	55.7	4.7
R13521	I09207/R09501	21	19.1	32.7	43.0	105.0	2.0	55.9	4.3
R13528	X10315/I08966	28	18.9	24.1	42.0	99.0	1.0	54.8	4.3
R13530	X10316/I11209	30	18.7	26.6	40.0	100.0	2.0	50.6	3.7
R13529	X10316/I11209	29	18.7	27.5	39.0	103.0	2.0	56.9	4.0
R13519	I09207/R09501	19	18.4	33.9	43.0	104.0	2.0	57.2	4.0
R13508	I09136//R02085/I09202	8	18.3	25.3	44.0	100.0	1.5	55.9	4.3
R13531	X10316/R08541	31	17.8	31.8	42.0	102.0	1.0	57.8	4.7
R13505	I09140//R09505/P07863	5	17.1	28.1	41.0	101.0	1.0	54.5	4.3
R13520	I09207/R09501	20	16.9	35.6	43.0	106.0	1.5	58.4	4.3
R13534	X10316/R08541	34	16.3	30.0	41.0	101.0	2.0	54.5	4.3
R13504	I09140//R09505/P07863	4	15.8	38.0	42.0	103.0	2.0	56.0	4.0
R13512	I09141//R02085/I09202	12	15.5	34.1	42.0	99.0	1.0	56.7	4.0
R13527	X10315/I08966	27	15.5	25.3	40.0	99.0	1.0	50.3	4.0
R13522	I10139/R98026	22	15.2	24.5	43.0	100.0	3.0	45.2	3.0
R13523	I10139/R98026	23	15.2	25.2	42.0	101.0	3.0	45.4	3.7
R13532	X10316/R08541	32	15.0	28.9	40.0	101.0	1.0	56.9	4.3
R13533	X10316/R08541	33	14.9	32.0	42.0	102.0	1.5	53.3	4.0
R13524	I10139/R98026	24	14.5	23.6	42.0	99.0	3.0	46.0	3.3
R13525	I10139/R98026	25	14.4	24.9	42.0	100.0	3.0	45.9	3.0
R13540	S00809/I09226	40	14.3	25.8	41.0	100.0	2.0	51.1	3.3
R13516	I07148//S09603/R02082	16	13.0	25.2	43.0	102.0	2.0	50.7	4.0
MEAN (42)			20.2	30.0	42.6	101.5	1.9	54.7	4.1
LSD (.05)			2.2	0.9	2.0	1.7	0.2	3.2	0.6
CV (%)			8.1	2.3	2.7	1.0	4.7	3.5	10.5

EXPERIMENT 3110 PRELIMINARY RED YIELD TRIAL (1)									PLANTED: 6/7/13
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13627	I11210/R98026	27	25.6	31.0	38.0	101.0	1.0	65.0	5.0
R13635	I11210/R98026	35	25.3	31.3	42.0	104.0	2.0	55.0	3.5
R13628	I11210/R98026	28	25.2	30.4	41.0	102.0	2.5	55.0	3.5
R13613	I11210/R98026	13	24.4	30.5	47.0	106.0	2.5	45.0	3.0
R98026	R94037/R94161, MERLOT	40	23.8	34.0	42.0	104.0	1.5	70.0	5.5
R13609	I11210/R98026	9	23.4	31.0	43.0	102.0	1.5	47.5	2.5
R13615	I11210/R98026	15	22.4	30.4	43.0	101.0	3.0	45.0	3.5
R13606	I11210/R98026	6	21.2	29.3	39.0	101.0	4.0	47.5	2.5
R13626	I11210/R98026	26	21.1	28.0	43.0	102.0	2.5	50.0	4.5
R13611	I11210/R98026	11	20.6	33.3	43.0	109.0	4.5	55.0	3.0
R13612	I11210/R98026	12	20.4	30.8	46.0	110.0	4.5	45.0	2.5
R13632	I11210/R98026	32	20.2	35.8	39.0	108.0	1.0	62.5	5.0
R13621	I11210/R98026	21	20.1	30.1	38.0	96.0	3.0	52.5	3.0
R13622	I11210/R98026	22	19.7	33.6	39.0	104.0	1.5	65.0	4.0
R13616	I11210/R98026	16	19.5	31.6	46.0	105.0	4.0	47.5	2.5
R13608	I11210/R98026	8	19.3	29.6	38.0	102.0	4.0	37.5	1.5
R13624	I11210/R98026	24	19.1	24.1	40.0	95.0	4.5	30.0	1.5
R13603	I11210/R98026	3	17.7	30.5	40.0	102.0	1.5	50.0	2.0
R13630	I11210/R98026	30	17.5	32.6	39.0	101.0	2.0	42.5	3.5
R13607	I11210/R98026	7	16.7	28.4	39.0	101.0	3.0	50.0	2.5
R13631	I11210/R98026	31	15.2	29.6	38.0	100.0	5.0	37.5	2.0
R13610	I11210/R98026	10	15.1	26.0	41.0	102.0	3.5	40.0	2.0
R13605	I11210/R98026	5	14.2	23.8	48.0	114.0	3.0	67.5	3.0
R13623	I11210/R98026	23	14.1	31.0	40.0	104.0	2.0	50.0	3.0
R13618	I11210/R98026	18	13.7	31.0	37.0	104.0	2.0	40.0	1.5
R13619	I11210/R98026	19	13.6	29.5	40.0	103.0	2.0	42.5	1.5
R13633	I11210/R98026	33	13.5	28.5	38.0	96.0	4.5	27.5	1.0
R13636	I11210/R98026	36	13.4	31.6	38.0	107.0	1.0	45.0	1.0
R13602	I11210/R98026	2	12.7	25.6	43.0	102.0	2.5	45.0	2.5
R13634	I11210/R98026	34	11.6	27.3	41.0	101.0	1.0	30.0	1.5
R13620	I11210/R98026	20	10.9	28.1	42.0	102.0	1.0	47.5	2.5
I11209	SER94 (CIAT)	38	10.8	24.1	38.0	102.0	2.0	37.5	1.0
R13604	I11210/R98026	4	10.5	27.9	38.0	104.0	1.0	32.5	1.0
I11207	SER48 (CIAT)	37	9.9	31.5	38.0	101.0	1.0	32.5	1.5
I11210	SER95 (CIAT)	39	9.4	25.6	39.0	102.0	2.5	37.5	1.5
R13601	I11210/R98026	1	9.2	27.5	43.0	102.0	3.0	40.0	1.0
R13625	I11210/R98026	25	8.2	28.5	38.0	102.0	1.0	37.5	1.0
R13614	I11210/R98026	14	8.1	20.8	43.0	103.0	1.5	45.0	1.5
R13617	I11210/R98026	17	8.0	25.6	38.0	95.0	1.0	30.0	1.0
R13629	I11210/R98026	29	7.4	37.3	37.0	100.0	1.0	30.0	1.0
MEAN (40)			16.3	29.4	40.4	102.4	2.4	45.3	2.4
LSD (.05)			2.5	1.6	1.2	5.0	0.7	8.6	1.3
CV (%)			11.3	4.0	1.7	2.9	16.2	11.2	32.3

EXPERIMENT 3111 PRELIMINARY RED YIELD TRIAL (2)

PLANTED: 6/7/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13717	R98026/I11207	17	26.4	28.5	42.0	100.0	4.5	45.0	2.0
R13762	R98026/I11207	62	23.1	26.5	42.0	100.0	4.5	55.0	2.5
R13752	R98026/I11207	52	22.8	31.5	44.0	101.0	1.5	65.0	4.5
R13741	R98026/I11207	41	22.5	31.2	43.0	102.0	4.5	50.0	3.0
R13712	R98026/I11207	12	22.3	31.0	41.0	102.0	2.5	60.0	4.5
R13764	R98026/I11207	64	22.3	26.7	44.0	101.0	3.0	47.5	3.0
R13728	R98026/I11207	28	22.2	33.2	41.0	101.0	2.5	55.0	4.0
R13771	R98026/I11207	71	21.8	32.2	38.0	103.0	2.0	57.5	4.0
R13769	R98026/I11207	69	21.7	35.1	39.0	100.0	1.5	55.0	3.0
R13763	R98026/I11207	63	20.9	32.2	46.0	100.0	4.5	50.0	2.0
R13757	R98026/I11207	57	20.7	28.9	45.0	100.0	3.5	37.5	1.5
R13765	R98026/I11207	65	20.7	32.7	42.0	100.0	3.0	50.5	3.0
R13713	R98026/I11207	13	20.5	27.5	39.0	100.0	1.0	60.0	4.5
R13704	R98026/I11207	4	20.5	33.4	44.0	100.0	3.0	55.0	3.0
R13773	R98026/I11207	73	20.2	32.8	43.0	102.0	1.5	65.0	5.5
R13761	R98026/I11207	61	20.2	31.2	40.0	101.0	3.0	55.0	2.0
R13718	R98026/I11207	18	20.1	30.9	45.0	101.0	2.0	65.0	4.5
R13723	R98026/I11207	23	19.6	27.8	41.0	101.0	3.0	55.0	2.0
R13724	R98026/I11207	24	19.3	32.1	41.0	99.0	2.0	50.0	3.0
R13748	R98026/I11207	48	19.2	30.4	45.0	101.0	2.0	65.0	5.5
R13742	R98026/I11207	42	19.2	31.5	44.0	99.0	1.0	55.5	5.0
R13710	R98026/I11207	10	18.9	30.7	46.0	100.0	2.5	55.0	4.0
R13729	R98026/I11207	29	18.9	29.8	46.0	98.0	5.0	40.0	1.0
R13736	R98026/I11207	36	18.7	29.8	42.0	101.0	1.0	62.5	4.5
R13733	R98026/I11207	33	18.5	31.0	38.0	100.0	3.0	55.0	3.5
R13737	R98026/I11207	37	18.3	31.4	38.0	100.0	3.0	40.0	1.5
R13767	R98026/I11207	67	17.8	31.7	41.0	96.0	3.0	50.0	2.0
R13732	R98026/I11207	32	17.6	32.6	39.0	100.0	2.0	60.0	4.0
R13735	R98026/I11207	35	17.6	30.4	38.0	102.0	3.5	50.0	4.0
R13746	R98026/I11207	46	17.5	27.6	43.0	100.0	3.5	45.0	2.5
R13775	R98026/I11207	75	17.5	28.2	39.0	100.0	2.5	45.0	2.5
R13731	R98026/I11207	31	17.4	32.9	38.0	103.0	3.0	55.0	1.0
R13770	R98026/I11207	70	17.4	32.4	42.0	102.0	1.5	60.0	4.5
R13715	R98026/I11207	15	17.2	34.8	43.0	101.0	3.5	50.0	2.5
R13745	R98026/I11207	45	17.2	28.3	43.0	105.0	3.5	50.0	2.0
R13744	R98026/I11207	44	17.0	32.8	37.0	100.0	2.5	60.0	1.5
R13743	R98026/I11207	43	17.0	29.3	37.0	100.0	1.5	50.0	3.0
R98026	R94037/R94161, MERLOT	80	17.0	33.4	42.0	102.0	2.0	55.0	4.5
R13734	R98026/I11207	34	16.8	32.2	40.0	150.0	3.0	55.0	2.5
R13754	R98026/I11207	54	16.6	25.5	44.0	100.0	1.0	55.0	2.0

EXPERIMENT 3111 PRELIMINARY RED YIELD TRIAL (2)

PLANTED: 6/7/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13721	R98026/I11207	21	16.2	30.3	38.0	101.0	2.0	50.0	2.5
R13707	R98026/I11207	7	16.0	31.1	41.0	100.0	1.0	55.0	4.0
R13719	R98026/I11207	19	16.0	29.0	39.0	100.0	2.0	42.5	2.0
R13760	R98026/I11207	60	16.0	30.1	41.0	100.0	1.0	55.0	4.0
R13711	R98026/I11207	11	15.8	30.5	41.0	100.0	2.5	55.0	2.5
R13709	R98026/I11207	9	15.7	33.7	37.0	101.0	1.0	50.0	3.0
R13725	R98026/I11207	25	15.5	28.0	39.0	98.0	1.0	55.0	4.0
R13776	R98026/I11207	76	15.5	30.7	42.0	101.0	3.5	55.0	2.5
R13739	R98026/I11207	39	15.2	35.9	41.0	101.0	1.5	60.0	3.0
R13716	R98026/I11207	16	14.8	31.2	38.0	102.0	2.5	50.0	2.0
R13766	R98026/I11207	66	14.5	30.9	41.0	100.0	4.5	42.5	1.5
R13740	R98026/I11207	40	14.0	29.3	38.0	95.0	1.5	45.0	4.0
R13749	R98026/I11207	49	14.0	31.2	38.0	95.0	1.5	40.0	1.0
R13755	R98026/I11207	55	14.0	30.5	38.0	100.0	3.5	45.0	1.5
R13702	R98026/I11207	2	13.8	34.2	37.0	101.0	1.0	50.0	2.5
R13774	R98026/I11207	74	13.7	30.0	37.0	98.0	1.0	40.0	1.0
R13758	R98026/I11207	58	13.4	32.6	40.0	105.0	3.5	60.0	1.5
R13759	R98026/I11207	59	13.2	27.3	45.0	101.0	4.5	47.5	2.0
R13722	R98026/I11207	22	13.1	35.6	38.0	96.0	1.5	55.0	2.0
R13714	R98026/I11207	14	12.9	35.9	38.0	95.0	1.0	45.0	1.5
R13738	R98026/I11207	38	12.7	29.8	40.0	107.0	1.5	45.0	2.0
R13750	R98026/I11207	50	12.7	27.0	42.0	100.0	2.0	47.5	2.5
R13703	R98026/I11207	3	12.5	32.9	38.0	98.0	1.5	40.0	1.5
R13726	R98026/I11207	26	12.4	27.7	41.0	100.0	2.0	40.0	2.0
R13730	R98026/I11207	30	12.4	36.6	37.0	98.0	1.0	37.5	1.0
R13768	R98026/I11207	68	12.3	27.0	43.0	95.0	4.5	45.0	1.0
R13708	R98026/I11207	8	12.2	28.4	37.0	95.0	1.0	45.0	2.5
R13727	R98026/I11207	27	12.2	32.1	38.0	100.0	1.0	47.5	1.5
R13747	R98026/I11207	47	11.6	26.6	43.0	100.0	4.5	45.0	2.0
R13706	R98026/I11207	6	11.3	28.0	42.0	103.0	2.5	42.5	1.5
I11207	SER48 (CIAT)	77	11.2	31.9	39.0	95.0	1.5	40.0	1.0
R13701	R98026/I11207	1	10.6	33.1	37.0	90.0	2.0	37.5	1.0
R13720	R98026/I11207	20	10.4	31.9	38.0	100.0	2.0	45.0	1.5
R13753	R98026/I11207	53	10.3	23.6	43.0	100.0	2.0	45.0	3.0
R13705	R98026/I11207	5	10.0	32.1	41.0	95.0	2.0	40.0	1.0
R13772	R98026/I11207	72	9.9	32.7	38.0	100.0	3.0	45.0	1.0
I11209	SER94 (CIAT)	78	9.6	23.6	43.0	95.0	2.0	40.0	1.0
I11210	SER95 (CIAT)	79	9.5	24.6	37.0	103.0	3.0	35.0	1.0
R13751	R98026/I11207	51	8.8	28.5	43.0	100.0	4.0	47.5	3.0
R13756	R98026/I11207	56	7.8	27.1	41.0	101.0	3.5	40.0	1.5
MEAN (80)			16.2	30.6	40.7	100.4	2.4	49.9	2.6
LSD (.05)			2.7	1.8	1.5	14.5	1.1	10.4	1.3
CV (%)			12.2	4.3	2.3	8.7	25.8	12.4	29.9

EXPERIMENT 3112 PRELIMINARY RED YIELD TRIAL (4)

PLANTED: 6/7/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R13804	R98026/I11209	4	25.3	33.1	42.0	100.0	4.5	55.0	2.5
R13829	R98026/I11209	29	24.6	25.8	41.0	100.0	4.5	45.0	1.5
R13821	R98026/I11209	21	24.3	34.0	46.0	107.0	2.5	60.0	5.0
R13806	R98026/I11209	6	23.0	28.0	48.0	110.0	3.5	50.0	1.5
R98026	R94037/R94161, MERLOT	53	22.4	34.0	42.0	103.0	3.0	50.0	4.0
R13834	R98026/I11209	34	21.6	25.8	47.0	105.0	3.5	42.5	1.0
R13810	R98026/I11209	10	21.2	30.1	38.0	100.0	3.0	42.5	1.5
R13845	R98026/I11209	45	20.7	25.0	45.0	100.0	3.0	55.0	3.5
R13831	R98026/I11209	31	20.7	27.0	41.0	105.0	3.0	45.0	2.5
R13803	R98026/I11209	3	20.6	25.7	43.0	100.0	2.5	55.0	3.5
R13026	Merlot SPS from ID	54	20.1	32.7	40.0	100.0	1.5	50.0	4.0
S12911	PK9-7/Rosetta	55	20.1	32.9	41.0	100.0	3.5	42.5	2.0
R13848	R98026/I11209	48	19.6	30.5	45.0	105.0	3.0	55.0	2.0
R13805	R98026/I11209	5	19.6	27.8	42.0	100.0	2.5	42.5	1.5
R13825	R98026/I11209	25	19.6	33.6	42.0	103.0	2.5	65.0	5.5
S08418	S02754/S04503, ROSETTA	56	19.2	31.7	42.0	100.0	1.5	55.0	3.5
R13822	R98026/I11209	22	18.6	30.1	46.0	95.0	1.0	40.0	2.0
R13826	R98026/I11209	26	18.4	29.8	38.0	100.0	2.5	37.5	1.0
R13823	R98026/I11209	23	17.8	28.2	38.0	100.0	2.0	50.0	2.5
R13816	R98026/I11209	16	17.5	28.1	48.0	105.0	2.0	45.0	1.0
R13818	R98026/I11209	18	17.5	28.7	44.0	108.0	4.0	50.0	2.5
R13801	R98026/I11209	1	17.1	27.4	48.0	105.0	3.0	55.0	3.0
R13828	R98026/I11209	28	16.8	30.2	47.0	100.0	4.0	45.0	2.0
R13820	R98026/I11209	20	16.6	29.1	38.0	100.0	2.5	50.0	2.5
R13807	R98026/I11209	7	16.6	34.2	43.0	100.0	3.0	50.0	2.5
R13808	R98026/I11209	8	16.5	32.7	37.0	110.0	3.5	55.0	2.0
R13809	R98026/I11209	9	16.4	31.5	45.0	100.0	4.0	45.0	2.5
R13837	R98026/I11209	37	16.1	24.4	39.0	100.0	3.0	40.0	1.5
R13841	R98026/I11209	41	15.8	27.9	39.0	100.0	2.0	42.5	1.0
R13844	R98026/I11209	44	15.8	25.7	39.0	100.0	1.5	47.5	1.5
R13811	R98026/I11209	11	15.7	29.7	39.0	100.0	2.5	45.0	1.0
R13813	R98026/I11209	13	15.6	28.0	47.0	103.0	2.5	43.0	1.0
R13840	R98026/I11209	40	15.4	26.5	38.0	100.0	2.5	47.5	1.0
R13815	R98026/I11209	15	15.0	24.7	42.0	100.0	3.0	42.5	1.5
R13842	R98026/I11209	42	14.9	30.1	47.0	110.0	3.5	42.5	1.0

EXPERIMENT 3112 PRELIMINARY RED YIELD TRIAL (4)							PLANTED: 6/7/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
R13836	R98026/I11209	36	14.8	27.6	43.0	100.0	1.5	42.5	1.5	
R13833	R98026/I11209	33	14.3	26.2	42.0	100.0	2.0	45.0	2.0	
R13843	R98026/I11209	43	14.2	30.4	40.0	100.0	2.5	42.5	1.5	
R13814	R98026/I11209	14	14.0	24.7	40.0	100.0	3.5	37.5	1.0	
R13802	R98026/I11209	2	13.8	28.2	40.0	100.0	3.0	45.0	2.0	
R13830	R98026/I11209	30	13.1	30.8	37.0	105.0	3.0	40.0	1.5	
R13832	R98026/I11209	32	13.0	29.2	48.0	110.0	4.5	37.5	1.0	
R13824	R98026/I11209	24	12.9	32.2	43.0	100.0	2.5	45.0	2.5	
R13819	R98026/I11209	19	12.3	34.7	38.0	108.0	2.5	30.0	1.0	
R13839	R98026/I11209	39	12.3	30.8	39.0	95.0	1.5	40.0	1.5	
R13847	R98026/I11209	47	11.7	28.4	42.0	107.0	3.5	40.0	1.5	
R13835	R98026/I11209	35	11.1	26.9	41.0	98.0	1.5	35.0	1.5	
I11271	10IS-2423	12	11.0	21.1	45.0	100.0	2.0	42.5	1.0	
R13846	R98026/I11209	46	10.8	22.9	42.0	100.0	2.0	42.5	2.0	
R13838	R98026/I11209	38	9.8	23.7	39.0	103.0	2.0	40.0	1.0	
I11210	SER95 (CIAT)	52	9.6	24.6	38.0	108.0	1.5	32.5	1.0	
I11209	SER94 (CIAT)	51	9.4	23.5	38.0	100.0	3.0	30.0	1.0	
I11207	SER48 (CIAT)	50	8.8	30.7	39.0	100.0	2.0	42.5	1.0	
R13849	R98026/I11209	49	8.2	25.3	45.0	103.0	4.0	37.5	1.0	
R13817	R98026/I11209	17	8.1	25.1	38.0	98.0	2.5	30.0	1.0	
R13827	R98026/I11209	27	6.1	30.0	47.0	110.0	2.0	37.5	1.0	
MEAN (56)			16.0	28.6	41.7	102.0	2.7	44.6	1.9	
LSD (.05)			2.8	1.3	2.5	3.4	0.9	5.7	1.1	
CV (%)			12.8	3.4	3.5	2.0	19.7	7.6	32.9	

EXPERIMENT 3113 MRPN/CDBN YIELD TRIAL							PLANTED: 6/7/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
P07863	AN-37/P02630, ELDORADO	16	24.8	43.3	40.0	104.0	2.0	57.0	4.3	
I13458	ISB 19	30	24.3	36.6	39.0	100.0	3.0	48.5	4.0	
I13451	ND101331	11	24.3	35.6	45.0	101.0	1.9	56.5	4.0	
I13435	PT12-37	49	24.1	36.8	43.0	100.0	1.8	53.0	4.7	
I13424	SR12-2	37	24.0	34.6	42.0	100.0	2.8	53.0	4.0	
I13430	GN10-7	44	24.0	45.8	38.0	104.0	2.1	52.6	4.0	
I13434	PT12-3	48	23.6	34.1	39.0	98.0	2.8	50.5	3.0	
I13452	ND101326	12	23.4	36.6	46.0	100.0	2.1	58.0	4.3	
I12309	UCD-9634	34	22.9	31.4	39.0	101.0	2.5	53.0	4.0	
S08418	S02754/S04503, ROSETTA	33	22.5	32.8	40.0	101.0	1.0	56.0	5.3	
G08254	G04514/Matterhorn, POWDERHORN	17	22.4	33.4	39.0	100.0	1.0	55.0	4.7	
I13448	CO 91003-7	7	22.1	36.5	45.0	100.0	2.5	54.0	4.3	
I09204	PK9-1	42	22.0	35.3	38.0	97.0	2.5	50.9	3.7	
I11274	GN9-4	35	21.9	37.1	42.0	102.0	2.0	54.9	5.0	
I13426	SR12-5	39	21.7	38.3	42.0	103.0	2.0	55.0	4.0	
I12306	ISB-18	29	21.6	35.4	40.0	102.0	2.0	56.5	4.0	
I09112	NE1-08-16	23	21.3	36.0	39.0	101.0	1.6	54.5	4.0	
P12603	P07406/P08401	18	21.3	35.3	44.0	100.0	1.0	57.0	5.3	
I13457	PT11-9	28	21.2	37.1	40.0	100.0	2.1	56.6	5.0	
G12502	P08410/G07302	20	21.2	33.5	40.0	100.0	1.5	55.0	4.7	
I13460	ISB 21	32	21.2	35.8	40.0	100.0	3.1	52.5	3.7	
I13428	PK10-19-2-B	41	21.1	33.9	39.0	99.0	2.0	55.0	4.0	
I13425	SR12-3	38	20.6	29.3	43.0	99.0	1.6	57.0	4.3	
I11244	CO 91216-15	6	20.0	36.9	41.0	101.0	2.0	52.5	4.0	
I13433	PT11-61	47	19.9	32.1	41.0	100.0	2.0	52.5	4.0	
I11257	PT9-6	27	19.8	39.4	42.0	98.0	2.5	51.0	4.0	
I13427	PK10-3-6-B	40	19.6	29.2	43.0	97.0	3.0	49.0	3.7	
I13423	SR10-2-4	36	19.1	36.9	40.0	100.0	1.3	54.0	4.7	
I13432	PT10-30	46	19.1	39.0	39.0	96.0	3.0	46.0	3.3	
I13455	NE1-10-20	22	19.1	38.1	40.0	102.0	2.0	54.5	4.3	
G93414	MATTERHORN	2	19.1	33.8	40.0	99.0	2.1	51.0	4.0	
P12610	P08362/P08401	19	19.0	32.8	40.0	100.0	1.0	55.5	6.0	
G12508	P08410/G08275	21	18.7	29.0	44.0	100.0	1.1	54.5	5.3	
I13447	CO 91137-3	5	18.4	38.2	39.0	101.0	1.5	53.6	4.0	
I13453	ND09708	14	18.3	36.6	41.0	103.0	1.2	56.5	4.7	

EXPERIMENT 3113 MRPN/CDBN YIELD TRIAL								PLANTED: 6/7/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
I13431	GN11-5	45	17.9	36.2	39.0	98.0	1.9	50.5	4.0
I13450	CO 91212-4	9	17.8	38.7	41.0	103.0	2.2	53.0	4.0
I98313	CO51715, MONTROSE	3	17.2	29.7	39.0	95.0	4.0	35.0	3.0
I84002	NW410//VICTOR/AURORA, OTHELLO	26	16.8	34.4	38.0	95.0	3.5	34.9	3.0
I09114	NE2-08-15	24	16.5	41.9	40.0	98.0	2.5	49.0	4.0
I12318	NDZ06219	10	16.5	38.0	43.0	100.0	0.8	55.5	5.0
I13459	ISB 20	31	16.4	38.2	38.0	97.0	3.0	48.0	3.0
I13454	ND09709	15	16.2	38.6	43.0	102.0	1.4	53.6	4.3
I13449	CO 91212-3	8	16.2	34.0	40.0	102.0	1.2	53.0	4.3
I99117	BUSTER	1	15.8	34.9	39.0	98.0	3.1	48.0	3.7
I12311	CO 90848-14	4	15.2	33.0	41.0	98.0	1.9	49.5	4.0
I11238	ND090713	13	14.0	36.7	41.0	103.0	2.0	51.5	4.0
I13456	NE2-11-2	25	13.9	35.8	39.0	102.0	2.5	52.0	4.0
I13429	GN10-1-7	43	13.0	38.2	38.0	98.0	2.1	50.0	4.0
MEAN (49)			19.8	35.8	40.4	100.0	2.1	52.4	4.2
LSD (.05)			2.5	2.1	1.8	2.3	0.6	2.5	0.3
CV (%)			9.4	4.4	2.6	1.4	16.3	2.8	6.0

EXPERIMENT 3914 ORGANIC NAVY AND BLACK YIELD TRIAL							PLANTED: 6/20/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
B10244	B04644/ZORRO	18	24.4	19.4	44.0	100.0	1.5	50.0	5.5	
B12720	B09175/Eclipse	11	22.6	21.1	43.0	97.0	1.0	48.5	5.0	
B11371	B05055/B04587	4	21.7	17.3	44.0	99.0	1.0	49.5	5.0	
B12724	B09184/B09135	17	21.5	17.9	44.0	99.0	1.0	47.0	4.0	
B11617	I82054/B07554	16	21.3	18.8	42.0	97.0	1.0	48.0	4.5	
B11302	N05311//B05055/B05053	2	20.4	18.8	44.0	98.0	1.0	48.0	4.5	
B11582	I82054/B07554	8	20.1	18.0	45.0	98.0	1.0	49.0	4.0	
N11257	N07009/MEDALIST	27	20.0	17.4	45.0	99.0	1.0	50.0	5.5	
B11545	I82054/B07554	7	19.9	21.0	44.0	101.0	1.0	46.0	3.5	
B12709	B07554//Jaguar/B07554	15	18.6	20.2	44.0	100.0	1.0	47.0	4.0	
B04554	B00103*/X00822, ZORRO	14	18.3	19.5	44.0	99.0	1.0	47.5	4.5	
N11228	N05311//N07009/N05324	24	18.3	15.4	44.0	98.0	1.0	48.5	5.5	
N11283	MEDALIST/N08003	29	18.3	17.9	43.0	98.0	1.0	50.0	5.5	
I11264	COOP 03019, MERLIN	20	18.2	18.9	44.0	100.0	1.0	50.5	5.5	
N12453	N09065/N09050	35	17.9	18.6	43.0	99.0	1.0	48.0	5.5	
I92002	C-20*3//GTS-0801/Seafarer, VISTA	22	17.7	18.1	44.0	103.0	1.5	49.5	4.0	
N12466	N08010/N08007	31	17.7	15.3	44.0	98.0	1.0	50.5	5.0	
N12442	N09060/N09175	34	17.6	22.2	46.0	101.0	1.0	48.0	4.5	
B11363	B04644/B07554	3	17.4	18.1	44.0	99.0	1.0	47.5	4.5	
I08958	Mayflower/Avanti, MEDALIST	19	17.3	18.7	44.0	101.0	1.0	50.0	5.5	
N11277	N08010/N08007	28	17.0	16.4	45.0	98.0	1.0	49.0	4.5	
B11588	I82054/B07554	9	16.9	20.4	44.0	102.0	1.0	47.5	4.0	
I07116	T-39/Midnight, SHANIA	13	16.9	18.2	44.0	104.0	1.0	49.5	4.0	
B09197	B05055/B04588	1	16.8	19.2	45.0	99.0	1.0	43.0	3.5	
N11226	N05311*/B05044	32	16.2	17.3	45.0	100.0	1.0	48.5	4.0	
B11594	I82054/B07554	10	16.0	21.9	44.0	97.0	2.0	47.5	3.0	
N11256	N07009/MEDALIST	26	16.0	16.0	43.0	98.0	1.0	49.5	5.0	
N11298	MEDALIST//B05054/B04588	33	15.6	17.6	43.0	100.0	1.0	47.0	4.5	
B12721	B09175/Eclipse	12	15.4	19.8	44.0	98.0	1.0	46.5	4.5	
N11230	N05311//BMD12/B04587	25	15.3	16.7	43.0	100.0	1.0	47.5	5.0	
N09020	N05319/B04316	23	15.0	17.4	44.0	101.0	1.0	46.0	3.5	
B11536	I82054/B07554	6	14.3	22.1	44.0	104.0	1.0	46.0	3.5	
N11284	MEDALIST/N08003	36	14.1	16.9	44.0	99.0	1.0	49.0	5.5	
N11296	MEDALIST//B05054/B04588	30	13.8	18.7	43.0	102.0	1.0	45.5	4.5	
B11519	I82054/B07554	5	11.6	20.3	47.0	103.0	1.0	46.5	3.0	
I07112	R99 NO NOD	21	10.8	17.5	43.0	104.0	2.0	48.5	3.0	
MEAN (36)			17.5	18.6	43.8	99.5	1.1	48.1	4.5	
LSD (.05)			3.1	0.9	1.1	1.8	0.3	2.2	0.1	
CV (%)			15.2	4.0	1.5	1.1	15.5	2.7	0.7	

EXPERIMENT 3216 STANDARD KIDNEY YIELD TRIAL								PLANTED: 6/19/13	
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	6	37.8	85.2	34.0	97.0	2.0	49.0	4.3
K11917	K04607/USWK-CBB-17	7	36.7	65.4	34.0	100.0	2.5	47.5	5.0
K11918	K04607/USWK-CBB-17	17	36.2	65.4	34.0	99.0	2.0	49.0	5.0
K11916	K04607/USWK-CBB-17	2	35.6	69.1	35.0	100.0	2.0	48.0	4.7
K12801	USWK-CBB-17//K08929/K08222	29	35.3	49.5	35.0	100.0	1.5	47.0	4.7
K11909	K06940/USWK-CBB-17	4	35.2	55.2	34.0	99.0	2.0	47.5	5.0
I90013	CELRK	19	35.1	79.5	34.0	98.0	2.0	48.5	4.3
K11944	K07926//C06819/X07804	21	34.5	76.9	36.0	97.0	2.5	47.0	4.7
K11914	K04604/USWK-CBB-17	1	34.0	76.1	34.0	100.0	2.0	46.5	4.0
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	23	33.7	83.6	35.0	101.0	2.0	49.0	4.0
K11919	K04607/USWK-CBB-17	5	33.1	65.1	34.0	99.0	1.0	49.0	5.7
K12803	K07921//K08971/K08233	26	32.9	62.8	34.0	97.0	2.0	48.0	5.7
I10105	Montcalm/DRK15, MAJESTY	50	32.5	79.1	42.0	102.0	2.0	48.5	4.0
K12802	USWK-CBB-17//K08929/K08222	40	32.4	50.3	37.0	100.0	2.0	48.0	5.3
K11709	K06012//K06014/K07715	18	31.0	54.2	39.0	101.0	3.0	47.0	4.0
K11320	K08222/CORNELL603	3	30.8	49.7	37.0	100.0	2.0	47.5	4.7
K12811	K08901//K08929/K08222	34	30.1	64.5	34.0	99.0	1.5	48.0	5.7
K11915	K04604/USWK-CBB-17	16	30.0	70.5	35.0	101.0	2.0	48.0	3.7
K12810	K08901//K08929/K08222	27	29.5	66.1	36.0	100.0	2.0	48.5	4.7
K12225	K08222/CORNELL 603	36	29.4	49.3	36.0	97.0	2.0	46.5	5.0
K11710	K06012//K06014/K07715	11	27.9	54.5	37.0	100.0	2.0	47.5	4.0
K12203	K08233//K08220/K06012	28	27.7	48.4	42.0	103.0	3.0	46.5	3.3
I11234	Drake//ZAA/Montcalm, RED ROVER	55	27.6	64.0	39.0	101.0	2.5	46.5	3.7
K12601	Red Hawk//K08601/K08233	39	27.2	63.8	39.0	101.0	2.5	47.5	3.7
K90101	CHAR/2*MONT, RED HAWK	14	27.0	63.4	37.0	101.0	2.5	48.0	4.0
K11303	Red Hawk//K06003/CBB-15	24	26.2	60.0	40.0	102.0	2.0	47.0	3.7
K12219	K06001/Red Hawk	33	26.1	61.3	40.0	104.0	2.5	48.0	3.7
K11306	K06621/USDK-CBB-15	13	26.1	54.1	42.0	102.0	3.5	47.0	3.3
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	52	26.0	58.7	42.0	103.0	2.5	48.5	3.3
K11707	K06621/USDK-CBB-15	15	26.0	51.2	42.0	103.0	3.0	48.0	3.3
K12214	Red Hawk//K08220/K08233	44	25.6	64.6	39.0	101.0	2.5	47.5	3.7
K12201	K08222//K08220/K06012	31	25.4	61.1	39.0	103.0	2.5	46.5	3.0
K11714	K08601/K08233	10	25.3	59.9	43.0	105.0	3.0	48.5	3.0
K12209	K08233//K08222/K08601	41	24.9	54.6	41.0	101.0	2.5	47.0	3.7
K12217	Red Hawk/K08233	45	24.9	61.6	42.0	102.0	2.5	48.0	3.3

EXPERIMENT 3216 STANDARD KIDNEY YIELD TRIAL								PLANTED: 6/19/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
K12206	K08233//K08220/K08233	37	24.5	54.7	42.0	102.0	3.0	49.0	3.7
K08222	Red Hawk/USDK-CBB-15	8	24.0	62.2	42.0	105.0	3.0	46.5	3.0
K12205	K08233//K08220/K06012	35	23.9	63.1	37.0	102.0	2.5	47.0	3.3
K11713	K08601/K08233	12	23.3	55.1	46.0	104.0	3.5	49.0	3.3
K11939	K07929//K06014/K07715	9	23.3	77.2	34.0	103.0	2.5	47.0	3.3
K13301	ISLES/CELRK	47	23.2	75.9	35.0	102.0	2.5	47.5	3.7
K12207	K08233//K08220/K08974	42	23.1	63.5	36.0	104.0	3.5	45.5	3.0
K12807	K08233//K08220/K08974	38	23.1	63.5	35.0	104.0	3.0	47.0	3.3
K12602	K06619/K08222	32	23.0	52.2	45.0	104.0	4.0	44.5	3.0
K13302	ISLES/ISABELLA	48	22.9	55.6	36.0	98.0	2.0	46.0	4.0
K90902	BEA/50B1807//LASSEN, BELUGA	25	22.6	61.1	42.0	103.0	2.0	48.0	3.7
I13420	ND061210	53	22.4	51.2	46.0	103.0	2.5	47.5	3.7
I13422	ACUG 10-W1, YETI	56	20.9	66.4	43.0	103.0	2.5	49.0	3.7
K12805	K08222//K08222/K08974	30	20.7	62.4	41.0	103.0	3.0	46.5	3.7
K12204	K08233//K08220/K06012	46	19.7	63.2	40.0	104.0	3.0	46.5	3.0
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	20	18.9	63.1	38.0	105.0	3.0	48.0	3.0
I13421	ND061106	54	18.7	56.1	42.0	104.0	2.5	48.0	3.0
I02313	UC Canario 707	51	18.7	53.0	46.0	106.0	3.0	49.0	3.0
I11233	OAC 07-L1, OAC INFERNO	49	17.4	60.8	43.0	105.0	3.0	48.5	3.0
K11926	X06115/X06114	22	17.0	59.9	40.0	104.0	3.0	47.5	3.0
K12806	K08222//K08971/K08233	43	13.1	52.9	41.0	105.0	3.5	47.0	3.0
MEAN (56)			26.9	62.0	38.7	101.4	2.5	47.6	3.9
LSD (.05)			4.2	3.8	1.8	1.9	0.7	1.8	0.8
CV (%)			11.6	4.5	3.4	1.1	16.8	2.2	15.3

EXPERIMENT 3217 PRELIMINARY KIDNEY YIELD TRIAL

PLANTED: 6/19/13

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
K13902	K06939/WALLACE//K08938	6	34.0	69.1	37.0	98.0	1.0	48.8	6.0
K08961	K04604/USDK-CBB-15, SNOWDON	15	34.0	80.7	34.0	96.0	1.5	48.4	5.0
K13901	K06939/WALLACE//K08938	5	33.1	53.6	35.0	98.0	1.5	48.0	4.7
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	16	31.7	80.8	35.0	101.0	2.0	49.2	4.0
K13906	K06939/WALLACE//K08938	10	30.9	48.8	36.0	96.0	1.5	48.3	4.7
K13909	K07921//K08971/K08233	13	30.3	64.6	36.0	95.0	1.1	46.6	5.0
K13903	K06939/WALLACE//K08938	7	29.9	52.9	35.0	97.0	1.4	47.3	4.3
K13905	K06939/WALLACE//K08938	9	29.8	47.9	36.0	99.0	2.0	49.0	5.0
K13907	K07921//K08971/K08233	11	29.5	63.2	35.0	95.0	1.5	47.3	5.0
K13904	K06939/WALLACE//K08938	8	28.9	49.3	34.0	96.0	1.9	47.1	4.7
K13602	CELRK/BADILLO	2	28.6	61.6	35.0	95.0	1.5	47.5	4.3
K13908	K07921//K08971/K08233	12	28.3	63.8	35.0	96.0	1.5	47.6	4.7
K13604	K08601*/K08233	4	22.0	67.9	41.0	103.0	3.0	48.7	3.7
K13601	CELRK/BADILLO	1	21.2	49.0	41.0	104.0	3.0	46.6	3.0
K13910	USWK-CBB-17//K06619/K08233	14	20.7	41.3	38.0	102.0	2.6	48.9	3.7
K13603	ISABELLA/K08228	3	20.1	47.1	41.0	103.0	2.0	51.5	3.0
MEAN (16)			28.3	58.9	36.5	98.1	1.8	48.2	4.4
LSD (.05)			2.8	3.9	1.7	2.3	0.9	1.9	0.7
CV (%)			7.0	4.7	3.4	1.4	28.4	2.2	10.7

EXPERIMENT 3218 STANDARD CRANBERRY YIELD TRIAL								PLANTED: 6/19/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
I92014	ETNA	18	30.9	74.0	36.0	96.0	2.0	48.0	4.8
C11269	C07401//CBB-20/C05653	17	28.2	62.2	35.0	97.0	2.5	46.5	4.8
C11266	C07401//CBB-20/C05653	4	28.1	57.4	35.0	98.0	3.0	48.0	4.5
C11305	C07413//CBB-20/C05617	12	27.6	61.0	34.0	96.0	1.5	50.0	5.3
C11373	C08706/C08712	20	27.2	69.0	36.0	97.0	2.0	49.5	5.0
C11320	C05617/CBB-20	2	27.1	56.3	36.0	95.0	2.0	46.5	4.8
C11258	C07401//CBB-20/C05617	5	26.6	60.0	36.0	96.0	2.0	48.0	5.0
C11314	CAPRI/CBB-20	8	26.6	59.2	36.0	98.0	2.0	48.0	5.3
C11263	C07401//CBB-20/C05617	16	26.1	61.7	36.0	95.0	2.0	46.0	4.3
C11212	C05617/C07411	15	25.6	66.5	37.0	98.0	2.5	48.5	3.8
C11259	C07401//CBB-20/C05617	6	25.5	58.1	35.0	96.0	2.5	48.0	5.3
C11260	C07401//CBB-20/C05617	1	25.3	60.1	35.0	95.0	2.5	44.0	4.0
C11223	CAPRI/X06150	19	24.8	65.6	35.0	98.0	2.0	48.5	5.5
C11317	CAPRI/CBB-20	13	24.4	55.8	36.0	100.0	2.5	46.0	3.8
C11247	BELLAGIO//X07801/C07403	22	24.4	53.2	37.0	95.0	2.5	48.5	3.5
C11261	C07401//CBB-20/C05617	9	24.2	60.3	35.0	96.0	2.0	45.0	4.3
C11206	C05631//C05603/CBB-20	23	23.7	58.4	38.0	98.0	2.5	48.0	4.0
C11273	C07403//CBB-20/C06812	3	23.5	54.0	37.0	100.0	3.0	47.0	4.0
C11274	C07403//CBB-20/C06812	11	22.8	63.3	36.0	100.0	3.0	47.5	4.0
C11388	C08712/C07403	10	22.6	57.4	37.0	100.0	3.0	47.0	3.8
C11219	BELLAGIO/X07801	21	22.5	54.1	37.0	96.0	2.0	50.5	4.8
C99833	CARDINAL/K94803, CAPRI	25	22.4	68.6	36.0	99.0	2.5	48.5	4.3
C11369	C99833/C08716	14	21.8	64.0	36.0	96.0	2.5	49.0	4.5
C11222	C05631/C07411	7	21.4	68.2	36.0	100.0	2.0	49.0	4.0
C11221	C06818/C07411	24	21.0	60.8	37.0	100.0	2.0	49.0	3.5
MEAN (25)			25.0	61.2	35.9	97.2	2.3	47.8	4.4
LSD (.05)			2.6	3.2	0.9	2.9	0.9	1.7	0.6
CV (%)			8.7	4.4	2.0	1.7	23.2	2.1	10.6

EXPERIMENT 3219 PRELIMINARY CRANBERRY YIELD TRIAL								PLANTED: 6/19/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE
I92014	ETNA	19	32.2	72.8	36.0	96.0	2.0	47.3	4.7
C13412	I08969//CAPRI/CBB-20	12	28.8	42.8	36.0	98.0	2.0	49.3	4.7
C13413	C07411/C08712	13	28.7	63.8	36.0	95.0	2.0	47.5	4.3
C11266	C07401//CBB-20/C05653	20	26.9	56.5	35.0	96.0	2.0	48.0	5.7
C13411	CAPRI/I08969	11	24.6	57.9	36.0	95.0	2.0	46.1	4.7
C13417	C08712/X09111	17	22.8	65.5	36.0	98.0	2.5	48.0	4.3
C13416	C08712/X09111	16	22.1	63.8	36.0	97.0	2.0	44.1	3.7
C13406	C08714//C08717/CAPRI	6	21.9	64.2	36.0	99.0	2.0	48.3	4.3
C13410	CAPRI/I08969	10	21.6	56.9	36.0	95.0	2.0	47.0	4.7
C13403	BELLAGIO/I08969	3	21.4	59.3	37.0	98.0	2.0	47.9	4.3
C13414	C08714/BELLAGIO	14	20.4	63.2	37.0	100.0	2.5	48.4	4.0
C13404	BELLAGIO/I08969	4	20.4	59.3	37.0	97.0	1.0	49.5	5.7
C13401	BELLAGIO//C05617/CBB-20	1	20.2	53.3	37.0	98.0	2.0	48.8	3.3
C13402	BELLAGIO/I08969	2	20.2	61.1	36.0	96.0	2.0	49.2	5.0
C13418	C07411/C08708	18	19.9	64.4	37.0	96.0	2.0	49.1	4.3
C13405	C08714//C08712/C08717	5	18.4	57.6	37.0	98.0	2.5	45.6	3.3
C13415	C07411/X09102	15	18.4	61.7	36.0	96.0	3.0	46.6	4.0
C13407	C08714//C08717/C08716	7	13.7	53.1	37.0	95.0	2.5	45.1	3.3
C13409	C08714//C08717/C08716	9	13.3	53.5	37.0	98.0	2.0	47.3	4.0
C13408	C08714//C08717/C08716	8	12.4	50.2	36.0	97.0	2.0	48.3	3.7
MEAN (20)			21.4	59.0	36.3	96.7	2.1	47.6	4.3
LSD (.05)			3.9	3.9	1.2	1.4	0.6	2.7	0.7
CV (%)			13.3	4.8	2.4	0.8	15.0	3.1	10.9

EXPERIMENT 3220 PRELIMINARY MAYACOBA YIELD TRIAL				PLANTED: 6/19/13		
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	
K08961	K04604/USDK-CBB-15, SNOWDON	16	33.4	76.6	33.0	
Y11405	FR-07-AZP-14-06	3	23.4	52.5	39.0	
K90101	CHAR/2*MONT, RED HAWK	1	23.1	57.7	40.0	
MEAN (3)			26.6	62.3	37.3	

EXPERIMENT 3221 PRELIMINARY FABADA YIELD TRIAL							PLANTED: 6/19/13			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
K11802	K07926//C06819/X07804	1	19.1	88.4	36.0	97.0	2.3	48.7	4.3	
K12824	K07926//K07303/I07136	3	19.0	84.7	35.0	99.0	2.3	47.0	3.7	
K11925	K99974/XANA	2	18.5	105.3	35.0	99.0	2.0	47.0	3.7	
MEAN (3)			18.9	92.8	35.0	98.7	2.2	47.6	3.9	
LSD (.05)			3.9	7.0	2.7	1.0	0.6	1.5	0.6	
CV (%)			11.8	3.9	4.4	0.6	15.0	1.9	8.6	

EXPERIMENT 3222 NATIONAL WHITE MOLD YIELD TRIAL										PLANTED: 6/19/13	
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 %
S08418	S02754/S04503, ROSETTA	54	38.9	33.0	41.0	98.0	1.1	54.1	6.0	2.0	22.2
P07863	AN-37/P02630, ELDORADO	51	36.3	41.8	42.0	103.0	2.0	49.3	5.0	3.7	40.7
R12859	R08512/SR9-5	48	34.3	31.9	41.0	98.0	1.0	50.0	6.0	2.7	29.6
R12832	SR9-5/Merlot	47	34.2	32.2	40.0	98.0	1.5	50.8	3.7	2.7	29.6
B12724	B09184/B09135	20	32.7	19.6	42.0	98.0	1.1	51.1	4.7	5.0	55.6
B12720	B09175/Eclipse	19	31.6	23.1	42.0	99.0	1.0	53.0	4.7	4.3	48.1
N11258	N07009/MEDALIST	14	31.5	18.2	42.0	102.0	1.3	52.9	5.3	2.0	22.2
B11363	B04644/B07554	15	31.4	21.5	42.0	100.0	1.4	52.5	5.0	2.7	29.6
K11916	K04607/USWK-CBB-17	61	31.2	63.4	35.0	98.0	0.9	46.9	5.7	2.3	25.9
B12715	Zorro/N09056	37	30.7	18.8	42.0	99.0	1.1	48.1	4.0	4.7	51.9
B04554	B00103*/X00822, ZORRO	52	30.5	20.8	42.0	100.0	1.5	51.4	5.0	4.0	44.4
N11298	MEDALIST//B05054/B04588	13	30.4	20.0	42.0	102.0	1.4	53.7	4.7	2.0	22.2
I11264	COOP 03019, MERLIN	50	30.1	18.9	42.0	104.0	1.1	50.8	4.0	2.3	25.9
B12723	B09184/B09135	42	30.0	19.8	41.0	99.0	0.9	49.1	5.0	3.3	37.0
S12911	PK9-7/Rosetta	49	29.9	33.8	42.0	99.0	2.1	51.6	3.3	5.7	63.0
B11343	B07554//ZORRO/B05044	16	29.8	19.5	42.0	99.0	1.5	49.6	4.7	4.3	48.1
B12716	B09128/Eclipse	40	29.8	18.8	42.0	99.0	1.6	50.2	4.7	3.3	37.0
I08933	37-2, USPT-WM-12	12	29.7	35.0	40.0	97.0	2.5	48.1	4.3	4.0	44.4
G08254	G04514/Matterhorn, POWDERHORN	55	29.4	36.5	38.0	97.0	1.6	50.9	5.3	4.0	44.4
B12721	B09175/Eclipse	32	29.3	22.5	41.0	97.0	0.9	50.9	5.0	4.7	51.9
K11914	K04604/USWK-CBB-17	60	29.2	66.3	35.0	100.0	2.5	47.3	4.0	3.7	40.7
N12461	Eclipse/N09056	27	28.4	17.2	41.0	99.0	1.4	48.3	4.7	4.3	48.1
N12442	N09060/N09175	17	28.1	23.3	44.0	103.0	1.6	53.1	4.7	3.0	33.3
B10244	B04644/ZORRO	7	27.6	20.4	41.0	99.0	1.1	52.7	5.3	3.3	37.0
B12710	B07554//Jaguar/B07554	35	27.5	22.1	42.0	100.0	1.0	51.3	4.7	3.3	37.0
K08961	K04604/USDK-CBB-15, SNOWDON	59	27.0	72.6	35.0	96.0	1.5	47.8	6.0	1.7	18.5
I07116	T-39/Midnight, SHANIA	53	26.9	20.7	45.0	105.0	2.1	54.9	4.0	5.7	63.0
N12456	B09174/N09056	30	26.6	17.8	40.0	100.0	1.8	52.6	5.0	4.7	51.9
B12729	B09201/B09135	43	26.6	17.7	41.0	100.0	0.9	50.8	5.0	2.3	25.9
N12453	N09065/N09050	22	26.5	20.1	40.0	98.0	2.0	50.9	5.0	5.7	63.0
B12708	B07554//X08106/X08102	36	26.3	18.7	41.0	100.0	1.1	51.0	5.0	2.3	25.9
N12441	N09060/N09175	24	26.1	21.2	41.0	100.0	0.9	49.9	5.3	3.0	33.3
N12458	B09174/N09056	28	26.1	17.9	41.0	98.0	1.3	50.1	4.7	4.3	48.1
B12728	B09193/B09184	39	25.3	19.6	41.0	99.0	1.0	46.5	5.0	2.7	29.6
P12610	P08362/P08401	46	25.2	32.3	40.0	97.0	1.1	50.9	5.0	5.7	63.0
N11228	N05311//N07009/N05324	26	25.1	17.4	42.0	103.0	1.6	51.2	4.7	3.7	40.7
I13445	039-A-5	11	25.0	34.8	41.0	101.0	2.0	48.5	4.3	4.7	51.9
C11266	C07401//CBB-20/C05653	57	24.8	57.5	35.0	96.0	1.9	45.1	4.3	6.7	74.1
I13444	031-A-11	10	24.6	34.3	39.0	100.0	3.1	46.2	3.7	5.3	59.3
N11283	MEDALIST/N08003	8	23.6	17.5	41.0	101.0	1.4	52.6	5.0	4.0	44.4

EXPERIMENT 3222 NATIONAL WHITE MOLD YIELD TRIAL										PLANTED: 6/19/13	
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 %
I81010	JAPON3/MAGDALENE, BUNSI	2	23.2	19.6	40.0	102.0	2.9	42.8	3.7	6.7	74.1
I13443	040-B-2	9	22.9	35.2	41.0	104.0	2.6	51.7	4.0	4.3	48.1
N12447	B09174/N09056	23	22.1	18.9	42.0	98.0	1.9	49.3	4.0	6.3	70.4
N12446	B07554//X08106/X08102	31	22.1	17.3	40.0	99.0	1.1	49.1	5.7	3.0	33.3
N12467	N08010/N08007	29	21.8	17.1	43.0	100.0	1.2	54.5	4.7	4.7	51.9
N12466	N08010/N08007	25	21.6	17.5	43.0	102.0	1.5	53.3	4.3	4.3	48.1
I12319	VRW 32	5	21.5	24.0	44.0	103.0	1.7	48.1	3.0	2.3	25.9
B12713	B07554//Jaguar/B07554	38	21.5	20.4	42.0	99.0	0.9	49.6	4.0	5.3	59.3
N12468	N08010//B04349/B05044	21	21.3	16.6	42.0	98.0	1.1	53.5	4.7	5.0	55.6
C11260	C07401//CBB-20/C05617	56	21.2	61.8	35.0	97.0	3.1	45.4	4.7	5.3	59.3
B12709	B07554//Jaguar/B07554	18	21.0	21.1	41.0	100.0	1.0	49.5	4.7	3.7	40.7
B12711	B07554//Jaguar/B07554	44	20.9	20.4	41.0	100.0	1.4	49.6	4.3	5.0	55.6
K11306	K06621/USDK-CBB-15	62	20.1	49.1	44.0	103.0	3.1	48.5	4.0	6.3	70.4
B12707	B07554//X08106/X08102	33	18.9	18.5	44.0	100.0	1.1	47.0	4.3	2.7	29.6
B12736	Eclipse/N09056	41	18.5	18.7	42.0	96.0	2.0	52.8	4.7	6.7	74.1
P12603	P07406/P08401	45	18.4	34.1	40.0	98.0	1.5	49.6	5.0	5.0	55.6
B12712	B07554//Jaguar/B07554	34	18.3	20.3	42.0	102.0	0.9	51.1	4.0	4.3	48.1
I89011	BERYL	3	17.7	31.1	39.0	97.0	4.5	29.5	1.0	9.0	100.0
C11273	C07403//CBB-20/C06812	58	17.5	49.5	37.0	99.0	2.0	45.9	4.0	5.0	55.6
K11714	K08601/K08233	64	17.0	57.2	45.0	106.0	2.6	50.2	3.7	5.7	63.0
K12225	K08222/CORNELL 603	63	14.8	47.5	37.0	98.0	2.1	46.2	4.7	2.3	25.9
I96417	G122	1	12.5	39.3	45.0	106.0	3.1	49.3	3.0	5.3	59.3
I06217	A195	4	9.2	65.0	50.0	111.0	1.9	49.4	2.0	3.7	40.7
I13442	ASR 1001	6	6.6	13.5	38.0	96.0	1.4	40.6	1.0	5.0	55.6
MEAN (64)			25.1	28.9	40.9	99.9	1.6	49.6	4.4	4.2	46.3
LSD (.05)			4.6	1.8	1.6	2.4	0.7	3.6	0.5	1.5	16.1
CV (%)			13.6	4.6	2.9	1.4	26.9	4.3	8.9	25.6	25.6

EXPERIMENT 3223 IRRIGATED DROUGHT YIELD TRIAL												PLANTED: 6/18/13	
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 (%)	BIOMASS (KG)	HARVEST INDEX(%)
BC091	P07863, ELDORADO	3	38.4	38.9	42.0	103.0	3.0	50.0	2.5	5.7	63.0	5.9	31.5
BC089	Santa Fe	26	37.7	41.5	40.0	93.0	3.5	40.0	4.0	5.3	59.3	5.1	35.8
BC204	NE2-09-3	59	36.4	38.6	41.0	96.0	3.0	40.0	2.5	5.0	55.6	4.6	34.3
BC099	S08418, ROSETTA	54	35.8	34.8	42.0	96.0	1.0	55.0	5.0	3.3	37.0	5.7	30.5
BC080	Matterhorn	23	34.6	35.5	41.0	96.0	2.5	50.0	4.5	6.7	74.1	5.0	31.7
BC386	Buster	95	34.4	36.6	40.0	93.0	5.5	35.0	1.5	6.7	74.1	5.1	33.8
BC120	La Paz	34	34.3	31.5	42.0	98.0	2.0	50.5	5.0	6.0	66.7	5.8	27.2
BC216	I9365-31	61	32.4	24.8	44.0	105.0	4.0	40.0	2.0	3.3	37.0	6.2	26.4
BC053	F04-2801-4-1-2	15	32.0	23.1	42.0	96.0	3.5	47.5	4.0	4.0	44.4	5.4	31.2
BC387	Medicine Hat	96	31.7	41.9	40.0	93.0	2.5	50.0	4.5	6.3	70.4	5.0	27.7
BC329	CDC Crocus	91	31.5	41.8	37.0	90.0	7.0	27.5	1.0	7.3	81.5	4.9	30.1
BC302	ND-307	88	31.2	38.5	42.0	94.0	3.5	45.0	2.5	6.3	70.4	5.4	25.9
BC300	Lariat	86	31.1	39.8	41.0	98.0	4.0	50.0	2.0	6.0	66.7	6.9	22.6
BC357	Gemini	92	31.0	35.6	38.0	90.0	5.5	32.5	2.0	8.0	88.9	4.6	32.3
BC297	GN9-1	83	30.9	33.3	41.0	93.0	4.5	32.5	3.0	6.7	74.1	4.9	26.3
BC160	UI-537	44	29.6	36.8	40.0	93.0	7.0	27.5	1.0	8.0	88.9	4.4	31.5
BC037	IBC 301-204	11	29.0	24.5	40.0	90.0	4.5	30.0	1.5	6.3	70.4	4.3	29.3
BC085	Jaguar	24	29.0	21.0	42.0	96.0	2.5	60.0	5.0	5.7	63.0	5.2	26.6
BC093	Merlot	28	28.7	36.4	43.0	98.0	3.0	60.0	4.0	4.3	48.1	6.2	23.4
BC142	ROG 312	42	28.2	35.2	40.0	93.0	7.0	32.5	1.0	7.3	81.5	4.5	29.4
BC124	Shania	35	28.2	21.8	46.0	108.0	3.0	65.0	2.5	5.3	59.3	7.4	17.0
BC104	115M (Black Rhino)	30	28.0	22.5	44.0	100.0	3.0	40.0	1.5	3.7	40.7	7.3	21.4
BC161	Common Pinto	45	27.6	34.2	42.0	90.0	7.0	27.5	1.0	9.0	100.0	4.6	26.4
BC041	Aifi Wuriti	13	27.3	24.5	42.0	103.0	3.5	55.0	2.5	5.0	55.6	6.0	22.0
BC033	PR 0443-151	10	27.2	19.1	44.0	103.0	5.5	47.5	1.5	6.0	66.7	4.9	25.4
BC070	Sierra	20	27.2	31.7	44.0	101.0	6.5	35.0	1.0	5.3	59.3	6.8	17.8
BC375	Yolano	94	27.0	32.4	41.0	90.0	5.0	35.0	1.0	7.7	85.2	4.9	26.2
BC026	DOR 364	8	27.0	24.4	43.0	98.0	3.5	47.5	3.5	6.3	70.4	5.9	22.5
BC079	Kodiak	22	26.4	39.5	40.0	93.0	6.5	32.5	1.0	7.3	81.5	5.3	23.4
BC088	Zorro	25	26.0	20.7	42.0	99.0	1.0	60.0	5.5	5.3	59.3	5.6	20.9
BC239	USPT-CBB-5	69	26.0	36.7	41.0	90.0	6.0	30.0	1.0	6.7	74.1	4.7	26.6
BC131	Pink Floyd	37	25.9	36.6	41.0	90.0	7.0	30.0	1.0	7.0	77.8	4.0	29.8
BC133	Medalist	38	25.9	19.5	43.0	100.0	2.5	60.0	5.5	4.0	44.4	4.5	19.4
BC024	Croissant	7	25.9	36.6	43.0	96.0	3.0	47.5	4.0	6.0	66.7	4.3	29.1
BC301	Stampede	87	25.8	35.7	41.0	94.0	1.0	60.0	5.0	6.3	70.4	4.5	24.7

EXPERIMENT 3223 IRRIGATED DROUGHT YIELD TRIAL

PLANTED: 6/18/13

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 (%)	PLANTED: 6/18/13	
												BIOMASS (KG)	HARVEST INDEX(%)
BC110	Topaz	32	25.7	36.5	39.0	90.0	6.5	32.5	1.0	6.3	70.4	5.0	26.5
BC007	BelNeb-RR-1	1	25.6	34.9	40.0	90.0	7.0	25.0	1.0	8.7	96.3	4.0	26.6
BC094	Sedona	29	24.8	37.6	45.0	96.0	3.0	50.5	4.0	5.0	55.6	5.9	20.4
BC236	USPT-CBB-1	68	24.8	35.8	42.0	90.0	3.0	45.0	2.5	6.0	66.7	5.6	20.7
BC296	GN9-4	82	24.5	35.3	41.0	98.0	2.0	50.0	4.5	5.0	55.6	5.0	23.8
BC066	C-20	18	24.4	20.4	44.0	115.0	4.0	50.0	2.0	5.3	59.3	7.2	16.2
BC062	Domino	17	24.4	20.6	44.0	108.0	4.0	50.0	1.5	4.0	44.4	6.4	18.3
BC290	BAT 477	80	24.2	25.3	42.0	95.0	7.0	27.5	1.0	4.7	51.9	6.1	18.9
BC048	F07-449-9-3	14	24.2	29.0	45.0	105.0	3.5	47.5	2.0	4.7	51.9	6.0	21.6
BC028	PR 0340-3-3-1	79	24.1	26.5	41.0	96.0	2.0	55.0	4.0	5.3	59.3	5.9	20.7
BC192	Weihing	55	24.0	38.7	41.0	96.0	4.0	45.0	2.5	6.0	66.7	5.0	22.7
BC234	PT7-2	67	24.0	37.2	42.0	93.0	2.5	55.0	3.5	6.7	74.1	5.2	23.0
BC232	NW-590	66	24.0	32.6	45.0	95.0	7.0	22.5	1.0	7.3	81.5	5.1	22.7
BC075	Raven	21	23.9	20.0	43.0	98.0	1.5	55.0	5.5	5.0	55.6	5.1	22.4
BC068	Mayflower	19	22.9	21.4	43.0	98.0	1.0	65.0	5.5	4.0	44.4	6.3	17.7
BC243	USRM-20	71	22.9	42.4	42.0	93.0	5.0	40.0	1.5	4.7	51.9	4.4	25.3
BC109	Poncho	31	22.6	36.7	42.0	90.0	7.0	27.5	1.0	8.7	96.3	4.7	22.7
BC111	Buckskin	33	22.5	37.3	39.0	90.0	7.0	22.5	1.0	7.0	77.8	4.4	26.9
BC174	US-1140	50	22.1	33.1	41.0	90.0	7.0	25.0	1.0	8.7	96.3	5.0	20.0
BC286	A285	78	22.1	22.2	43.0	103.0	4.0	45.0	2.0	5.0	55.6	5.5	19.2
BC298	PT9-17	84	22.1	38.7	41.0	93.0	7.0	32.5	1.0	7.0	77.8	4.8	20.6
BC145	Midnight	43	21.8	20.9	43.0	95.0	1.5	52.5	4.0	4.0	44.4	5.7	19.6
BC164	Kimberly	47	21.7	34.3	41.0	90.0	7.0	30.0	1.0	7.7	85.2	5.0	22.2
I11207	SER48 (CIAT)	48	21.7	34.9	40.0	93.0	5.0	37.5	3.0	4.3	48.1	4.7	21.5
BC134	Navigator	39	21.3	19.0	43.0	98.0	2.0	60.0	5.5	5.3	59.3	5.7	14.7
BC231	Othello	65	21.2	39.0	38.0	90.0	7.0	30.0	1.0	7.3	81.5	4.7	22.8
BC307	Eclipse	90	21.2	20.7	43.0	96.0	4.0	47.5	4.0	7.0	77.8	5.2	20.8
BC306	Avalanche	89	21.1	21.8	43.0	96.0	4.0	55.0	4.5	5.3	59.3	5.5	19.8
BC178	UI-114	52	21.1	34.0	43.0	90.0	7.0	30.0	1.0	8.7	96.3	4.4	21.0
I08959	SER16 (CIAT)	6	20.8	26.8	39.0	93.0	6.5	27.5	1.0	6.7	74.1	4.1	22.9
BC291	SEA 10	81	20.8	34.6	41.0	90.0	7.0	32.5	1.0	6.7	74.1	4.3	25.2
BC196	Chase	58	20.7	32.5	43.0	90.0	7.0	20.0	1.0	8.7	96.3	3.8	23.7
BC038	CENTA Pupil	12	20.4	23.6	42.0	96.0	2.5	47.5	4.0	6.0	66.7	4.9	19.7
BC162	Common Red Mexican	46	20.1	31.7	42.0	95.0	6.0	32.5	1.0	8.0	88.9	4.9	17.0
BC092	T-39	27	20.1	21.5	43.0	93.0	4.5	45.0	2.0	6.0	66.7	5.6	16.5

EXPERIMENT 3223 IRRIGATED DROUGHT YIELD TRIAL

PLANTED: 6/18/13

NAME	PEDIGREE	ENTRY	YIELD	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	WM	WM	BIOMASS	HARVEST
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-9)	(%)	(KG)	INDEX(%)
BC022	Shiny Crow	5	19.9	23.0	42.0	103.0	6.5	32.5	1.0	5.7	63.0	4.9	19.9
BC299	Maverick	85	19.7	35.8	40.0	90.0	6.5	30.0	1.0	7.7	85.2	5.2	19.1
BC228	Nodak	64	19.7	35.1	41.0	90.0	7.0	25.0	1.0	8.3	92.6	5.2	18.9
BC194	Coyne	56	19.6	35.8	41.0	96.0	4.5	40.0	3.0	7.3	81.5	4.5	19.8
BC267	Victor	73	19.4	36.9	43.0	103.0	7.0	27.5	1.0	8.0	88.9	5.4	14.3
BC279	Roza	75	19.2	32.7	47.0	103.0	7.0	27.5	1.0	8.0	88.9	4.9	16.6
BC016	Bill Z	2	18.8	36.8	41.0	90.0	7.0	25.0	1.0	7.3	81.5	4.7	19.1
BC176	UI-59	51	17.9	33.9	40.0	90.0	7.0	20.0	1.0	8.3	92.6	4.1	20.5
BC138	Marquis	41	17.7	34.3	42.0	90.0	6.5	27.5	1.0	7.7	85.2	5.2	15.5
BC179	UI-425	53	17.7	36.0	41.0	93.0	7.0	22.5	1.0	8.3	92.6	5.9	14.4
BC358	Orion	93	17.3	33.8	41.0	93.0	5.9	40.0	1.5	7.0	77.8	5.3	16.4
BC020	Montrose	4	16.5	33.8	42.0	90.0	7.0	15.0	1.0	8.7	96.3	3.4	24.6
BC031	Verano	9	16.3	23.4	44.0	105.0	4.5	40.0	2.0	4.3	48.1	5.6	18.9
BC127	Schooner	36	15.4	19.4	40.0	101.0	6.5	30.0	1.5	5.0	55.6	6.1	13.3
BC137	Beryl R	40	15.0	30.9	38.0	90.0	6.5	32.5	1.0	5.7	63.0	4.3	17.9
BC170	UI-239	49	14.7	33.3	40.0	90.0	7.0	25.0	1.0	7.7	85.2	4.9	16.1
BC278	Viva	74	14.2	28.6	46.0	103.0	7.0	32.5	1.0	8.7	96.3	6.4	10.2
BC280	Harold	76	13.5	33.1	47.0	110.0	7.0	32.5	1.0	9.0	100.0	5.6	11.0
BC222	Quincy	62	13.4	39.0	41.0	90.0	7.0	30.0	1.0	8.0	88.9	4.4	15.4
BC281	Gloria	77	12.8	31.3	42.0	90.0	7.0	27.5	1.0	9.0	100.0	4.4	14.9
BC215	A-55	60	12.2	26.3	43.0	113.0	1.0	72.5	4.0	2.3	25.9	4.0	24.5
BC195	ABCP-8	57	12.0	29.8	45.0	93.0	7.0	20.0	1.0	9.0	100.0	4.2	12.6
BC272	Indeterminate Jamaica Red	72	11.5	42.1	45.0	90.0	4.0	35.0	2.0	5.7	63.0	3.6	13.1
BC242	NW-63	70	11.0	33.0	43.0	90.0	7.0	25.0	1.0	7.0	77.8	5.0	12.4
BC056	Seafarer	16	10.7	20.4	42.0	96.0	4.0	45.0	4.0	6.3	70.4	5.4	5.2
BC224	TARS-VCI-4B	63	4.7	21.9	50.0	108.0	7.0	30.0	1.0	8.0	88.9	6.7	5.6
MEAN (96)			23.4	31.3	42.0	95.6	4.9	39.1	2.3	6.4	71.1	5.2	21.8
LSD (.05)			5.5	2.6	1.8	3.1	1.2	8.5	1.1	1.3	14.9	1.2	5.5
CV (%)			17.5	6.2	3.2	1.9	14.9	13.1	30.5	15.5	15.5	17.1	18.7

EXPERIMENT 3224 NON-IRRIGATED DROUGHT YIELD TRIAL										PLANTED: 6/18/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	BIOMASS	HARVEST
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(KG)	INDEX(%)
BC094	Sedona	29	36.2	37.5	43.0	100.0	1.0	62.5	6.0	5.0	37.7
BC279	Roza	75	35.6	35.4	46.0	120.0	7.0	32.5	1.0	8.3	15.1
BC093	Merlot	28	35.5	35.6	41.0	103.0	1.0	52.5	4.5	5.7	26.7
BC298	PT9-17	84	35.0	44.1	39.0	105.0	3.5	47.5	2.5	6.3	28.3
BC070	Sierra	20	34.5	38.9	43.0	105.0	3.5	50.0	2.5	6.3	26.3
BC024	Croissant	7	33.9	38.2	42.0	98.0	2.5	50.0	4.5	4.8	34.7
BC109	Poncho	31	33.8	41.7	38.0	103.0	6.0	32.5	1.5	3.8	35.7
BC016	Bill Z	2	33.2	38.3	40.0	105.0	7.0	27.5	1.0	5.1	29.4
BC297	GN9-1	83	33.0	36.8	40.0	105.0	4.0	35.0	2.0	5.2	29.7
BC357	Gemini	92	32.7	33.3	37.0	103.0	6.0	27.5	1.0	4.2	38.6
BC026	DOR 364	8	32.5	23.2	44.0	110.0	2.0	47.5	3.0	5.3	32.8
BC300	Lariat	86	32.4	40.3	39.0	98.0	2.0	45.0	3.5	6.0	30.0
BC232	NW-590	66	32.3	34.9	40.0	110.0	6.0	30.0	1.0	5.5	22.0
BC142	ROG 312	42	32.3	33.2	37.0	103.0	7.0	25.0	1.0	4.0	36.0
BC162	Common Red Mexican	46	32.0	35.6	40.0	115.0	7.0	30.0	1.0	6.6	23.0
BC170	UI-239	49	31.3	34.1	39.0	115.0	7.0	27.5	1.0	5.2	27.6
BC091	P07863, ELDORADO	3	31.2	39.5	41.0	110.0	1.5	52.5	2.5	6.1	22.3
BC231	Othello	65	31.0	37.3	37.0	108.0	4.0	37.5	1.5	4.2	34.6
BC242	NW-63	70	30.8	34.2	41.0	120.0	6.5	32.5	1.0	7.0	22.9
BC120	La Paz	34	30.7	41.6	41.0	108.0	1.0	60.0	4.5	5.9	28.2
BC066	C-20	18	30.6	22.1	44.0	113.0	1.5	50.0	4.0	6.8	23.2
BC286	A285	78	30.1	23.3	44.0	95.0	2.5	42.5	3.5	3.8	41.1
BC195	ABCP-8	57	30.0	30.7	46.0	105.0	5.0	32.5	1.0	4.5	27.8
BC278	Viva	74	30.0	28.4	43.0	115.0	7.0	22.5	1.0	6.9	21.9
BC133	Medalist	38	29.7	22.4	42.0	120.0	1.0	47.5	2.5	4.6	30.1
BC088	Zorro	25	29.7	22.6	41.0	105.0	1.0	50.0	3.5	4.5	30.7
BC243	USRM-20	71	29.4	49.8	39.0	95.0	5.0	35.0	2.5	4.2	31.3
BC007	BelNeb-RR-1	1	29.0	33.3	38.0	98.0	7.0	22.5	1.0	3.0	41.6
BC236	USPT-CBB-1	68	29.0	36.4	43.0	108.0	2.0	40.0	3.0	5.7	21.8
BC138	Marquis	41	28.7	33.3	38.0	110.0	5.0	32.5	1.0	5.0	29.3
BC137	Beryl R	40	28.6	27.3	37.0	100.0	7.0	30.0	2.0	3.6	35.5
BC375	Yolano	94	28.5	30.5	37.0	113.0	2.5	37.5	1.0	4.0	31.7
BC164	Kimberly	47	28.5	37.8	41.0	100.0	4.5	32.5	1.0	4.7	29.0
BC161	Common Pinto	45	28.4	33.7	39.0	105.0	7.0	25.0	1.0	4.9	26.7
BC228	Nodak	64	28.4	33.0	38.0	100.0	7.0	22.5	1.0	4.0	39.3

EXPERIMENT 3224 NON-IRRIGATED DROUGHT YIELD TRIAL										PLANTED: 6/18/13	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS (KG)	HARVEST INDEX(%)
BC234	PT7-2	67	28.3	40.9	40.0	110.0	1.0	52.5	3.0	5.0	23.7
BC272	Indeterminate Jamaica Red	72	28.3	44.9	43.0	115.0	4.0	42.5	2.5	4.4	30.5
BC299	Maverick	85	28.1	38.0	38.0	100.0	4.0	35.0	3.0	3.9	31.2
I08959	SER16 (CIAT)	6	28.1	25.8	38.0	100.0	3.0	40.0	3.5	3.1	45.1
BC280	Harold	76	28.0	32.1	44.0	118.0	7.0	35.0	1.0	6.6	17.0
BC160	UI-537	44	28.0	34.3	37.0	103.0	6.0	25.0	1.0	3.9	37.0
BC038	CENTA Pupil	12	27.9	21.9	43.0	105.0	1.0	47.5	3.5	5.1	31.1
BC037	IBC 301-204	11	27.6	25.4	40.0	93.0	1.0	32.5	4.0	3.4	37.1
BC281	Gloria	77	27.6	34.0	44.0	120.0	7.0	32.5	1.0	6.0	17.9
BC048	F07-449-9-3	14	27.4	29.3	43.0	103.0	1.0	37.5	3.5	4.2	29.1
BC099	S08418, ROSETTA	54	27.3	36.0	41.0	98.0	1.0	45.0	4.5	3.9	37.7
BC267	Victor	73	27.3	32.1	43.0	118.0	7.0	22.5	1.0	7.1	15.5
BC216	I9365-31	61	27.2	24.7	45.0	110.0	4.0	35.0	1.5	5.1	25.8
BC131	Pink Floyd	37	27.2	32.3	39.0	110.0	5.5	25.0	1.0	3.5	36.2
BC104	115M (Black Rhino)	30	27.1	22.0	43.0	113.0	2.0	35.0	1.0	5.1	25.0
BC239	USPT-CBB-5	69	27.1	35.2	37.0	105.0	5.0	30.0	1.0	3.2	34.0
BC062	Domino	17	27.1	19.6	45.0	100.0	1.0	50.0	4.5	4.7	30.0
BC386	Buster	95	27.1	39.0	38.0	100.0	3.5	35.0	2.0	3.1	40.6
BC068	Mayflower	19	26.7	20.9	41.0	110.0	1.0	55.0	4.0	6.1	24.6
BC194	Coyne	56	26.6	39.2	39.0	105.0	3.0	45.0	3.0	4.8	27.3
BC053	F04-2801-4-1-2	15	26.5	22.6	41.0	95.0	1.0	35.0	3.0	3.5	33.5
BC174	US-1140	50	26.5	27.2	37.0	105.0	7.0	25.0	1.0	3.6	36.6
BC079	Kodiak	22	26.3	43.2	40.0	105.0	4.0	35.0	3.0	3.8	38.0
BC301	Stampede	87	26.3	39.1	39.0	103.0	1.0	35.0	4.0	4.8	27.2
BC196	Chase	58	26.1	35.9	42.0	100.0	7.0	27.5	1.0	3.4	39.4
BC179	UI-425	53	26.1	37.6	39.0	113.0	7.0	25.0	1.0	6.2	20.6
BC028	PR 0340-3-3-1	79	25.8	24.7	44.0	113.0	1.0	35.0	1.5	4.5	24.3
BC387	Medicine Hat	96	25.7	39.2	37.0	98.0	1.0	40.0	2.5	3.5	34.6
BC302	ND-307	88	25.4	42.2	40.0	103.0	1.5	47.5	4.5	3.9	38.0
BC124	Shania	35	25.1	20.9	46.0	105.0	1.0	45.0	3.5	4.8	25.6
BC020	Montrose	4	24.8	32.1	41.0	90.0	1.0	14.1	1.0	2.9	40.7
BC041	Aifi Wuriti	13	24.7	24.4	42.0	105.0	1.5	50.0	3.0	5.5	21.5
BC085	Jaguar	24	24.6	26.8	44.0	105.0	1.0	35.0	2.0	3.5	33.3
BC291	SEA 10	81	24.5	33.9	39.0	100.0	6.0	30.0	1.5	3.7	30.4
BC134	Navigator	39	24.4	19.8	40.0	100.0	1.0	45.0	4.5	4.4	27.6

EXPERIMENT 3224 NON-IRRIGATED DROUGHT YIELD TRIAL										PLANTED: 6/18/13	
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	BIOMASS	HARVEST
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(KG)	INDEX(%)
BC329	CDC Crocus	91	24.2	38.5	35.0	98.0	7.0	22.5	1.0	2.5	48.7
BC080	Matterhorn	23	24.2	36.3	38.0	115.0	1.0	47.5	1.0	4.7	21.1
BC056	Seafarer	16	24.1	26.6	42.0	115.0	3.0	37.5	2.5	4.6	28.1
BC022	Shiny Crow	5	23.8	24.2	40.0	100.0	4.0	30.0	1.0	3.8	30.2
BC033	PR 0443-151	10	23.7	20.6	46.0	108.0	1.0	32.5	1.5	3.9	26.4
BC358	Orion	93	23.7	36.8	40.0	108.0	1.0	50.0	1.5	6.7	16.3
BC222	Quincy	62	23.2	33.8	39.0	110.0	7.0	27.5	1.0	5.0	24.3
BC092	T-39	27	23.1	20.5	42.0	95.0	1.5	37.5	3.5	3.7	29.1
BC176	UI-59	51	23.0	32.0	39.0	103.0	7.0	27.5	1.0	3.7	32.0
BC307	Eclipse	90	22.8	21.3	42.0	100.0	1.0	35.0	3.5	3.1	41.0
BC145	Midnight	43	22.0	22.5	44.0	115.0	1.0	44.1	1.0	6.3	25.0
BC192	Weihing	55	21.9	41.8	40.0	110.0	1.5	45.0	2.0	3.9	23.9
BC089	Santa Fe	26	21.8	43.3	40.0	105.0	2.0	37.5	2.5	4.7	22.7
I11207	SER48 (CIAT)	48	21.8	30.0	40.0	110.0	2.5	37.5	2.5	3.4	33.5
BC290	BAT 477	80	21.7	23.6	42.0	105.0	5.0	32.5	2.0	4.4	23.5
BC075	Raven	21	21.7	21.1	43.0	103.0	1.0	37.5	2.5	4.2	22.5
BC178	UI-114	52	21.3	32.7	40.0	113.0	7.0	30.0	1.0	4.3	31.1
BC110	Topaz	32	21.1	33.4	37.0	98.0	5.5	40.0	2.0	2.7	42.0
BC111	Buckskin	33	21.0	37.3	36.0	110.0	7.0	27.5	1.0	4.5	26.3
BC204	NE2-09-3	59	21.0	41.9	39.0	103.0	2.5	40.0	2.5	4.1	25.3
BC127	Schooner	36	20.4	19.8	40.0	110.0	4.5	37.5	1.5	4.8	19.9
BC306	Avalanche	89	19.3	23.3	43.0	100.0	1.0	37.5	3.5	3.6	24.4
BC215	A-55	60	18.7	25.2	47.0	115.0	1.0	54.1	2.0	6.8	16.2
BC031	Verano	9	18.1	21.9	43.0	108.0	1.0	35.0	2.0	3.6	20.1
BC224	TARS-VCI-4B	63	18.1	24.8	48.0	120.0	7.0	37.5	1.0	8.6	12.1
BC296	GN9-4	82	17.6	36.9	39.0	113.0	1.5	50.0	2.5	6.6	12.5
MEAN (96)			27.0	31.9	40.8	106.0	3.6	37.3	2.2	4.7	29.0
LSD (.05)			6.1	3.6	1.7	6.1	0.8	10.6	1.5	1.3	8.1
CV (%)			16.8	8.2	3.1	3.5	13.4	17.1	41.4	19.6	20.7

EXPERIMENT 3425 BNF YIELD TRIAL

PLANTED: 6/4/13

NAME	PEDIGREE	ENTRY	YIELD CWT 100 SEED		DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT (1-5)	LODGING HEIGHT (cm)	DES. SCORE	BIOMASS (KG)	HARVEST INDEX(%)	STAND (PLANTS/M)	SPAD
			/ACRE	WT. (g)									
B11524	I82054/B07554	23	39.4	25.3	45.0	103.0	3.5	40.0	3.5	7.0	28.4	10.3	42.8
B11521	I82054/B07554	20	38.2	24.4	47.0	97.0	3.5	40.0	5.0	6.3	25.0	9.0	48.7
B11567	I82054/B07554	65	37.2	27.5	46.0	92.0	3.0	35.0	4.5	4.3	39.9	10.8	43.6
B11551	I82054/B07554	49	36.3	33.3	45.0	94.0	3.0	35.0	4.5	6.0	31.2	12.0	45.7
B11508	I82054/B07554	7	36.0	31.6	44.0	97.0	3.5	40.0	3.5	6.4	26.4	13.0	49.3
B11624	I82054/B07554	120	35.9	27.7	47.0	99.0	3.0	40.0	4.0	5.0	42.1	11.8	40.8
B11552	I82054/B07554	50	35.3	26.2	44.0	94.0	3.0	40.0	5.0	5.5	28.9	12.3	46.8
B11536	I82054/B07554	35	35.2	27.5	42.0	93.0	3.0	50.0	4.5	4.6	38.7	8.5	49.6
B11573	I82054/B07554	71	34.7	26.5	42.0	98.0	3.0	35.0	3.5	5.4	28.5	11.8	43.0
B11623	I82054/B07554	119	34.7	24.3	47.0	95.0	3.0	40.0	4.0	6.1	24.7	8.3	44.9
B11519	I82054/B07554	18	34.3	25.9	45.0	93.0	2.0	40.0	5.0	5.6	33.7	9.5	47.0
B11555	I82054/B07554	53	34.1	30.4	43.0	98.0	2.0	55.0	4.0	5.6	28.5	12.3	47.7
B11562	I82054/B07554	60	34.1	25.6	45.0	98.0	3.5	35.0	3.5	6.1	24.6	11.8	50.0
B11569	I82054/B07554	67	34.0	26.7	42.0	97.0	3.0	35.0	3.5	5.4	27.2	11.3	43.7
B11580	I82054/B07554	78	33.9	27.0	47.0	98.0	3.5	30.0	4.0	6.0	27.1	11.8	50.6
B11553	I82054/B07554	51	33.7	28.4	45.0	97.0	3.5	45.0	4.5	6.3	24.0	11.5	47.0
B11537	I82054/B07554	36	33.3	31.0	45.0	99.0	3.5	40.0	3.0	6.5	27.4	9.5	41.1
B11581	I82054/B07554	79	33.3	26.5	46.0	99.0	3.5	30.0	3.5	4.7	29.8	11.3	45.5
B11548	I82054/B07554	46	33.3	26.6	45.0	95.0	2.5	40.0	4.5	5.5	30.6	9.5	45.0
B11515	I82054/B07554	14	33.2	27.2	42.0	94.0	3.5	30.0	3.5	4.0	36.9	13.0	49.3
B11602	I82054/B07554	99	33.2	31.5	44.0	97.0	3.0	45.0	4.5	4.3	40.7	12.3	46.9
B11605	I82054/B07554	102	33.2	24.1	47.0	97.0	3.0	45.0	4.0	6.4	21.1	10.8	45.8
B11572	I82054/B07554	70	32.9	26.5	48.0	95.0	3.5	25.0	3.5	6.3	24.5	10.8	47.5
B11547	I82054/B07554	45	32.6	29.7	42.0	92.0	3.5	30.0	4.0	4.2	36.0	11.8	48.2
B11593	I82054/B07554	91	32.5	26.8	44.0	95.0	2.0	50.0	4.5	4.7	31.6	8.8	44.9
B11541	I82054/B07554	39	32.5	29.6	45.0	101.0	3.5	50.0	3.0	7.5	21.0	8.3	44.7
B11530	I82054/B07554	29	32.4	27.6	43.0	97.0	3.0	40.0	3.0	5.0	31.5	10.5	43.0
B11586	I82054/B07554	84	32.3	27.6	45.0	93.0	2.0	50.0	5.5	5.1	35.2	10.3	49.1
B11571	I82054/B07554	69	32.1	26.2	46.0	95.0	1.0	60.0	6.0	4.9	31.0	13.0	45.4
B11542	I82054/B07554	40	31.8	30.4	44.0	96.0	3.0	40.0	3.5	5.8	29.6	11.0	41.5
I09129	PR0443-151	126	31.8	26.6	44.0	93.0	2.5	35.0	4.5	5.1	30.8	11.5	44.7
B11611	I82054/B07554	108	30.9	29.3	45.0	96.0	2.5	50.0	4.5	4.9	34.3	11.8	43.4
B11582	I82054/B07554	80	30.9	23.3	42.0	95.0	1.5	45.0	5.5	4.1	35.5	13.5	38.7
B11512	I82054/B07554	11	30.8	28.1	43.0	96.0	2.5	40.0	4.5	5.4	30.5	11.8	40.3
B11526	I82054/B07554	25	30.7	27.9	43.0	94.0	2.5	45.0	4.0	4.8	30.2	13.5	48.7

EXPERIMENT 3425 BNF YIELD TRIAL

PLANTED: 6/4/13

NAME	PEDIGREE	ENTRY	YIELD CWT 100 SEED		DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT (1-5)	LODGING HEIGHT (cm)	DES. SCORE	BIOMASS (KG)	HARVEST INDEX(%)	STAND (PLANTS/M)	SPAD
			/ACRE	WT. (g)									
B11532	I82054/B07554	31	30.6	28.4	42.0	97.0	3.0	40.0	4.0	6.3	22.6	10.5	43.7
B11503	I82054/B07554	3	30.6	25.3	44.0	96.0	2.5	50.0	4.5	6.3	24.2	9.0	44.0
B11617	I82054/B07554	114	30.5	25.5	43.0	90.0	1.0	40.0	6.0	3.9	44.0	12.0	44.1
B11596	I82054/B07554	94	30.3	25.6	44.0	96.0	1.0	50.0	5.0	5.4	28.6	7.8	43.6
B11516	I82054/B07554	15	30.1	28.6	43.0	93.0	3.0	40.0	4.5	5.0	26.9	12.0	39.5
B11588	I82054/B07554	86	30.1	30.7	43.0	97.0	2.0	50.0	4.5	5.5	29.2	10.0	50.6
B11575	I82054/B07554	73	30.1	28.3	45.0	97.0	2.5	50.0	4.0	5.2	30.9	10.3	44.9
B11612	I82054/B07554	109	30.0	28.3	46.0	98.0	1.5	55.0	5.0	5.9	28.7	11.0	47.8
B11620	I82054/B07554	116	29.9	25.2	43.0	91.0	3.0	30.0	4.5	4.2	43.0	10.5	46.9
B11511	I82054/B07554	10	29.9	27.3	44.0	94.0	2.5	45.0	4.0	5.2	29.1	11.3	46.1
B11533	I82054/B07554	32	29.9	26.9	44.0	93.0	2.5	35.0	4.5	4.2	31.4	10.5	44.2
B11594	I82054/B07554	92	29.8	27.6	43.0	93.0	3.0	40.0	3.5	4.7	27.8	9.5	44.4
B11527	I82054/B07554	26	29.6	30.1	44.0	96.0	3.0	40.0	3.0	5.3	30.6	9.0	44.8
B11590	I82054/B07554	88	29.5	24.0	44.0	96.0	1.0	55.0	5.0	4.2	38.1	12.0	42.2
B11559	I82054/B07554	57	29.5	28.4	46.0	96.0	1.5	50.0	4.5	6.3	25.0	9.5	49.8
B11570	I82054/B07554	68	29.4	28.2	45.0	97.0	1.0	50.0	3.5	5.0	29.3	11.8	42.4
B11603	I82054/B07554	100	29.4	28.3	44.0	98.0	3.0	40.0	4.0	5.4	27.4	10.3	47.3
B11619	I82054/B07554	115	29.3	27.0	43.0	97.0	3.0	45.0	4.0	4.7	31.7	8.5	46.6
B11544	I82054/B07554	42	29.3	29.0	42.0	96.0	2.0	40.0	4.0	4.7	33.0	9.8	43.3
B04554	B00103*/X00822, ZORRO	124	29.2	27.3	42.0	94.0	1.5	40.0	4.5	4.0	32.5	13.3	43.5
B11510	I82054/B07554	9	29.1	29.1	44.0	96.0	3.0	40.0	4.0	6.0	25.4	8.3	45.4
B11574	I82054/B07554	72	29.1	27.8	44.0	97.0	3.5	35.0	2.5	7.1	22.6	9.5	46.3
B11549	I82054/B07554	47	29.1	28.6	43.0	97.0	1.0	50.0	2.0	6.2	22.5	11.3	47.9
B11616	I82054/B07554	113	29.1	26.8	45.0	97.0	1.0	50.0	6.0	4.7	34.3	14.3	43.4
B11615	I82054/B07554	112	29.0	26.5	43.0	94.0	3.0	45.0	3.5	5.1	34.2	11.5	49.0
B11566	I82054/B07554	64	29.0	24.4	45.0	95.0	3.0	50.0	4.0	4.7	27.1	10.5	44.5
I82054	PUEBLA 152 MX	123	29.0	33.1	45.0	101.0	4.0	35.0	3.0	6.4	24.3	9.3	48.9
B11564	I82054/B07554	62	28.8	29.3	44.0	98.0	2.5	55.0	3.5	5.6	30.2	10.3	45.3
B11608	I82054/B07554	105	28.8	29.2	43.0	98.0	3.5	40.0	3.0	5.9	24.1	13.0	43.9
B11609	I82054/B07554	106	28.7	26.9	45.0	96.0	2.5	50.0	4.5	6.8	21.1	5.8	42.2
B11622	I82054/B07554	118	28.6	28.2	44.0	92.0	2.0	50.0	5.0	5.3	28.4	9.8	47.0
B11531	I82054/B07554	30	28.5	28.2	43.0	97.0	3.0	50.0	4.0	5.8	29.6	9.3	45.6
B11539	I82054/B07554	37	28.5	26.8	42.0	94.0	1.5	45.0	4.5	3.6	39.8	9.3	49.6
B11529	I82054/B07554	28	28.4	29.6	45.0	95.0	2.5	32.5	3.5	4.6	29.5	8.3	45.7
B11507	I82054/B07554	6	28.2	31.5	44.0	98.0	3.0	35.0	3.0	5.7	27.1	11.8	45.4

EXPERIMENT 3425 BNF YIELD TRIAL

PLANTED: 6/4/13

NAME	PEDIGREE	ENTRY	YIELD CWT 100 SEED		DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS (KG)	HARVEST INDEX(%)	STAND (PLANTS/M)	SPAD
			/ACRE	WT. (g)									
B11568	I82054/B07554	66	28.2	27.5	44.0	98.0	3.0	45.0	3.5	5.9	22.8	8.8	39.5
B11558	I82054/B07554	56	28.1	30.1	43.0	96.0	3.0	40.0	3.0	6.1	20.7	10.5	43.6
B11599	I82054/B07554	96	28.0	27.1	44.0	95.0	3.0	50.0	4.5	4.7	30.9	7.0	42.4
B11576	I82054/B07554	74	27.9	29.7	44.0	95.0	3.0	40.0	4.0	4.6	31.3	10.8	49.5
B11584	I82054/B07554	82	27.6	23.8	43.0	95.0	1.5	45.0	4.5	5.3	25.2	12.0	45.9
B11561	I82054/B07554	59	27.6	25.3	44.0	98.0	2.0	40.0	4.0	6.5	26.3	9.3	44.9
B11585	I82054/B07554	83	27.4	23.2	45.0	96.0	2.0	45.0	4.0	3.6	37.6	11.8	43.7
I11271	10IS-2423	129	27.3	30.5	42.0	91.0	2.5	40.0	3.5	4.1	37.1	11.0	41.8
B11610	I82054/B07554	107	27.2	32.7	43.0	99.0	2.5	50.0	4.0	6.1	24.5	10.8	43.5
B11505	I82054/B07554	5	27.2	26.8	44.0	95.0	2.0	40.0	4.5	4.0	35.2	10.8	49.2
B11563	I82054/B07554	61	27.2	28.0	45.0	99.0	2.0	50.0	3.5	5.0	23.3	8.5	46.5
B11606	I82054/B07554	103	27.2	29.3	42.0	96.0	2.5	45.0	4.5	5.0	29.6	12.3	49.6
B11546	I82054/B07554	44	27.1	24.6	45.0	98.0	2.5	50.0	3.5	7.1	17.2	8.3	42.5
B11589	I82054/B07554	87	27.1	28.2	43.0	97.0	1.0	50.0	3.5	5.4	25.0	11.8	47.7
B11621	I82054/B07554	117	27.1	26.7	43.0	98.0	2.5	45.0	3.5	5.0	25.7	13.3	38.8
B11520	I82054/B07554	19	27.1	26.2	42.0	92.0	3.5	35.0	3.0	5.7	26.1	11.0	39.2
B11556	I82054/B07554	54	27.0	26.9	42.0	98.0	1.5	50.0	4.0	5.5	24.9	12.0	45.4
B11514	I82054/B07554	13	27.0	25.8	43.0	96.0	3.0	40.0	3.5	5.0	24.0	8.8	42.6
B11587	I82054/B07554	85	27.0	29.7	42.0	97.0	1.0	45.0	4.0	4.8	30.7	13.8	49.8
B11504	I82054/B07554	4	27.0	26.2	43.0	99.0	3.0	40.0	3.0	6.6	21.0	10.3	39.7
B11565	I82054/B07554	63	26.9	29.4	42.0	92.0	2.5	55.0	5.0	5.2	27.7	10.8	44.4
B11502	I82054/B07554	2	26.8	30.9	43.0	97.0	3.0	45.0	3.5	5.2	25.5	10.5	37.7
B11579	I82054/B07554	77	26.7	31.2	42.0	95.0	2.5	40.0	3.0	3.6	40.2	11.3	38.5
B11577	I82054/B07554	75	26.4	29.9	43.0	99.0	3.0	45.0	3.0	5.9	20.1	10.8	47.6
B11595	I82054/B07554	93	26.3	29.8	43.0	98.0	2.0	52.5	4.0	6.0	25.6	6.5	40.2
B11509	I82054/B07554	8	26.3	27.3	42.0	96.0	1.0	60.0	6.0	5.9	22.5	13.5	45.7
B11604	I82054/B07554	101	26.1	29.6	43.0	98.0	3.0	50.0	4.0	7.6	20.6	9.5	45.6
B11583	I82054/B07554	81	26.1	29.8	43.0	100.0	2.0	45.0	3.5	6.8	20.2	10.3	43.9
B11626	I82054/B07554	122	26.0	27.7	45.0	96.0	3.0	35.0	2.5	5.6	18.4	11.5	46.1
B11534	I82054/B07554	33	25.7	33.0	44.0	100.0	4.0	30.0	2.5	4.6	30.8	12.3	48.5
B11560	I82054/B07554	58	25.6	33.0	44.0	98.0	4.0	35.0	2.5	5.0	22.6	9.3	46.9
B11625	I82054/B07554	121	25.4	24.7	44.0	95.0	3.0	35.0	3.5	5.2	25.8	9.3	42.9
B11614	I82054/B07554	111	25.3	27.1	42.0	94.0	2.0	40.0	5.0	4.5	30.8	9.8	47.0
B11613	I82054/B07554	110	25.3	25.4	42.0	96.0	1.0	50.0	5.0	4.5	32.8	13.8	43.6
B11592	I82054/B07554	90	25.2	27.7	44.0	96.0	1.0	40.0	4.5	4.7	28.5	12.5	42.0

EXPERIMENT 3425 BNF YIELD TRIAL

PLANTED: 6/4/13

NAME	PEDIGREE	ENTRY	YIELD CWT 100 SEED		DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT (1-5)	LODGING HEIGHT (cm)	DES. SCORE	BIOMASS (KG)	HARVEST INDEX(%)	STAND (PLANTS/M)	SPAD
			/ACRE	WT. (g)									
B11522	I82054/B07554	21	25.1	28.1	44.0	97.0	2.0	50.0	3.5	5.3	25.6	11.8	48.2
B11557	I82054/B07554	55	24.9	27.1	43.0	97.0	3.0	40.0	3.5	6.8	18.4	11.8	42.1
B11607	I82054/B07554	104	24.9	26.8	43.0	99.0	1.0	50.0	4.5	4.6	28.3	9.8	42.3
B11523	I82054/B07554	22	24.6	31.2	44.0	96.0	3.0	35.0	3.5	4.7	31.1	10.3	48.5
I08958	Mayflower/Avanti, MEDALIST	130	24.4	23.5	44.0	94.0	2.0	50.0	5.5	5.8	19.7	7.8	48.6
I11272	PR1147-6	128	24.3	29.0	43.0	95.0	1.0	45.0	5.0	4.6	23.2	11.3	46.1
B11554	I82054/B07554	52	24.2	28.3	46.0	96.0	3.5	35.0	3.0	4.5	31.8	8.5	39.4
B11591	I82054/B07554	89	24.1	28.7	44.0	96.0	2.0	55.0	4.5	5.4	22.9	9.8	46.2
B11517	I82054/B07554	16	24.1	33.1	46.0	102.0	3.5	45.0	2.5	5.7	22.1	10.5	45.3
B11578	I82054/B07554	76	23.8	30.1	43.0	101.0	4.0	40.0	2.5	7.1	16.0	9.8	45.7
I10149	VERANO	127	23.8	28.4	43.0	95.0	1.5	45.0	4.5	4.5	26.9	8.0	51.8
B11513	I82054/B07554	12	23.4	31.8	43.0	96.0	3.5	30.0	2.5	5.7	19.0	9.3	38.9
B11501	I82054/B07554	1	23.3	32.0	42.0	98.0	3.0	45.0	3.0	5.5	22.7	12.3	40.6
B11598	I82054/B07554	95	23.2	31.8	41.0	94.0	2.0	42.5	3.5	4.9	27.3	10.5	43.9
B11535	I82054/B07554	34	23.2	30.1	42.0	96.0	2.5	35.0	3.0	5.6	19.8	8.5	43.8
B11525	I82054/B07554	24	23.0	31.5	43.0	96.0	2.0	40.0	2.5	4.6	23.9	10.3	48.2
B11545	I82054/B07554	43	22.9	28.0	43.0	95.0	1.0	50.0	5.5	5.0	26.5	11.5	46.3
B11543	I82054/B07554	41	22.3	26.8	43.0	97.0	2.0	55.0	4.5	5.2	29.2	10.8	44.4
B11550	I82054/B07554	48	22.2	31.3	44.0	99.0	3.0	40.0	3.5	6.0	15.9	11.5	47.3
I07112	R99 NO NOD	125	22.1	22.9	43.0	94.0	2.5	45.0	4.5	5.0	22.8	7.0	39.3
B11600	I82054/B07554	97	20.8	30.2	43.0	97.0	3.0	55.0	3.5	5.0	18.7	7.8	48.8
B11518	I82054/B07554	17	20.8	33.7	43.0	94.0	2.5	30.0	2.0	6.3	18.1	8.5	43.5
B11540	I82054/B07554	38	18.9	31.8	42.0	97.0	3.0	40.0	4.0	5.4	18.4	10.8	46.5
B11528	I82054/B07554	27	16.5	27.5	42.0	94.0	3.0	35.0	3.0	5.4	19.1	11.8	38.8
B11601	I82054/B07554	98	14.7	28.7	43.0	98.0	3.0	40.0	3.0	7.0	14.9	12.8	46.4
MEAN (130)			28.6	28.1	43.5	95.9	2.5	43.0	3.9	5.4	27.6	10.6	45.0
LSD (.05)			4.1	0.9	2.0	3.2	0.2	9.9	0.6	1.3	7.6	2.9	4.8
CV (%)			10.6	2.5	2.8	2.0	5.3	13.9	9.7	17.3	20.4	16.5	6.4