

2012 DRY BEAN YIELD TRIALS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	ENTRIES	DESIGN	REPS	HARVEST METHOD
2101	STANDARD NAVY BEAN YIELD TRIAL	06/06/12	SVR&EC	FRANKENMUTH 56	REC. LATTICE	4	DIRECT HARVESTED
2102	STANDARD BLACK BEAN YIELD TRIAL-1	06/06/12	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
2103	STANDARD BLACK BEAN YIELD TRIAL-2	06/06/12	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
2104	PRELIMINARY NAVY BEAN YLD TRIAL	06/06/12	SVR&EC	FRANKENMUTH 80	ALPHA LATTICE	3	DIRECT HARVESTED
2105	PRELIMINARY BLACK BEAN YLD TRIAL	06/06/12	SVR&EC	FRANKENMUTH 42	REC. LATTICE	3	DIRECT HARVESTED
2106	NAVY GENETIC GAIN YLD TRIAL	06/06/12	SVR&EC	FRANKENMUTH 16	SQ. LATTICE	3	DIRECT HARVESTED
2107	STANDARD GREAT NORTHERN YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
2108	STANDARD PINTO BEAN YIELD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 36	SQ. LATTICE	4	DIRECT HARVESTED
2109	STANDARD PINK & SMALL RED YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 30	REC. LATTICE	4	DIRECT HARVESTED
2110	PRELIM. FLOR DE MAYO YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 16	SQ. LATTICE	3	DIRECT HARVESTED
2111	PRELIMINARY GREAT NORTHERN YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 16	SQ. LATTICE	3	DIRECT HARVESTED
2112	PRELIM. PINK & SMALL RED YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 90	ALPHA LATTICE	3	DIRECT HARVESTED
2113	PINTO GENETIC GAIN YLD TRIAL	06/07/12	SVR&EC	FRANKENMUTH 20	REC. LATTICE	3	DIRECT HARVESTED
2114	MIDWEST & CO-OP. REGIONAL TRIAL	06/07/12	SVR&EC	FRANKENMUTH 42	REC. LATTICE	3	DIRECT HARVESTED
2115	IRRIGATED DROUGHT TRIAL	06/12/12	SVR&EC	FRANKENMUTH 96	REC. LATTICE	3	ROD PULLED
2116	NON-IRRIGATED DROUGHT TRIAL	06/12/12	SVR&EC	FRANKENMUTH 96	REC. LATTICE	3	ROD PULLED
2917	ORGANIC YIELD TRIAL-NAVY & BLACK	06/12/12		CARO 36	SQ. LATTICE	4	DIRECT HARVESTED
2918	ORGANIC YIELD TRIAL-NAVY & BLACK	06/15/12		WISNER 36	SQ. LATTICE	4	DIRECT HARVESTED
2219	STANDARD KIDNEY YIELD TRIAL	06/13/12	ENTRICAN	MONTCALM 56	REC. LATTICE	3	HAND PULLED
2220	STANDARD CRANBERRY YIELD TRIAL	06/13/12	ENTRICAN	MONTCALM 64	SQ. LATTICE	3	ROD PULLED
2221	PRELIMINARY BUSH KIDNEY YIELD TRIAL	06/13/12	ENTRICAN	MONTCALM 56	REC. LATTICE	3	ROD PULLED
2222	PRELIMINARY MAYACOBIA YIELD TRIAL	06/13/12	ENTRICAN	MONTCALM 5	RCBD	3	HAND PULLED
2223	WHITE MOLD NATIONAL YIELD TRIAL	06/14/12	ENTRICAN	MONTCALM 64	SQ. LATTICE	3	ROD PULLED
2225	BNF YIELD TRIAL	06/19/12	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 AND 1.0 PT PROWL PRE-EMERGE.
 3 OZ. RAPTOR/0.75 PT REFLEX/1 PT BASAGRAN ON 7/11/12.
 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 7/13/12.
 PESTICIDES APPLIED: 3.0 OZ. PROVINCE ON JULY 13.
 IRRIGATION APPLIED: 4.75 INCHES ON WHITE MOLD TRIALS - 9 APPLICATIONS; 3.75 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 7/16/12.
 PESTICIDES APPLIED: 4.0 OZ. WARRIOR ON JULY 16.

EXPERIMENT 2101 STANDARD NAVY YIELD TRIAL								PLANTED: 6/6/12	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE
N11284	MEDALIST/N08003	39	28.4	18.3	45.0	99.0	1.0	50.5	4.5
N11276	N08010/N08007	52	27.3	18.7	50.0	97.0	1.0	49.5	4.5
N11230	N05311//BMD12/B04587	20	27.1	18.7	42.0	100.0	1.0	48.0	4.5
N11283	MEDALIST/N08003	34	26.9	18.4	44.0	100.0	1.5	54.5	6.0
I11264	COOP 03019, MERLIN	1	26.9	19.6	45.0	102.0	2.0	50.5	4.0
N11277	N08010/N08007	47	26.9	20.5	48.0	97.0	1.0	51.0	6.0
N11292	N08006/MEDALIST	43	26.4	17.3	46.0	100.0	1.0	54.5	4.5
N11232	N05311//BMD12/B04587	15	25.8	18.3	44.0	100.0	1.5	51.5	5.0
N12471	B09174/N09056	55	25.8	23.7	46.0	98.0	1.5	47.5	4.0
N11238	N07009//N05324/B04554	26	25.6	15.7	49.0	101.0	1.0	54.0	6.0
N11298	MEDALIST//B05054/B04588	36	25.5	19.7	46.0	99.0	1.0	49.0	4.0
N11296	MEDALIST//B05054/B04588	49	25.4	20.2	43.0	99.0	1.5	49.5	4.5
I10103	OAC 7-2, OAC REXETER	56	25.3	20.1	44.0	103.0	2.0	52.0	4.0
N11264	N08003/MEDALIST	38	25.1	20.0	42.0	99.0	2.0	49.0	4.5
I08958	Mayflower/Avanti, MEDALIST	8	25.0	18.9	46.0	102.0	2.0	51.5	4.5
N11282	MEDALIST/N08003	40	24.8	18.4	44.0	101.0	2.0	53.5	4.0
N11256	N07009/MEDALIST	41	24.6	18.3	48.0	98.0	1.0	49.5	4.5
N11231	N05311//BMD12/B04587	19	24.3	17.0	44.0	99.0	1.5	49.0	5.0
N10109	B05055/N05324	6	24.1	19.8	48.0	101.0	1.5	53.0	4.5
N09104	N05311/B05055	5	23.9	19.2	47.0	98.0	1.0	48.5	4.5
N11225	N05311*/B05044	11	23.9	18.1	49.0	101.0	1.5	51.5	4.0
N09044	N05311/X06121	9	23.8	17.5	44.0	100.0	1.0	51.0	5.0
N11257	N07009/MEDALIST	42	23.8	19.9	49.0	100.0	1.0	53.0	5.0
N11245	N04158/B07554	23	23.8	19.2	47.0	99.0	1.0	47.0	4.0
I92002	C-20*3//GTS-0801/Seafarer, VISTA	2	23.8	19.9	46.0	100.0	2.5	46.5	4.0
I12301	INDI	3	23.7	20.3	44.0	98.0	1.0	51.0	4.5
N11258	N07009/MEDALIST	35	23.6	19.5	49.0	100.0	1.0	53.5	4.0
N10103	N05319//N05311/N04109	4	23.5	20.5	43.0	100.0	1.0	53.5	5.0
N11275	N08010/N08007	46	23.4	19.2	44.0	101.0	1.5	51.5	4.0
N11262	N08003/B07554	37	23.4	22.8	45.0	102.0	2.0	50.5	4.5
N11216	N04158/B04265	10	23.4	21.8	44.0	101.0	2.0	48.5	4.0
N11300	MEDALIST//B05054/B04588	50	23.3	20.4	46.0	100.0	1.0	51.0	4.5
N11289	N08012/N08007	48	22.9	20.8	45.0	101.0	1.0	48.5	4.0
N11228	N05311//N07009/N05324	13	22.8	17.0	46.0	100.0	2.0	48.5	5.0
N11226	N05311*/B05044	12	22.7	17.4	50.0	102.0	1.0	53.5	4.0
N11227	N05311//N07009/N05324	16	22.7	19.2	45.0	99.0	2.0	48.0	4.5
N11234	N05311//N06705/B04588	17	22.3	20.5	45.0	100.0	1.5	48.0	4.0

EXPERIMENT 2101 STANDARD NAVY YIELD TRIAL								PLANTED: 6/6/12	
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
N11002	N04164//N05311/B05044	31	22.3	19.7	43.0	99.0	1.0	52.0	4.5
N11008	B07554/N08007	30	21.9	19.0	46.0	102.0	1.0	52.5	4.0
N11293	N08006/MEDALIST	54	21.8	20.8	45.0	102.0	1.5	53.5	5.0
N11217	N05324/N04158	28	21.6	19.4	50.0	102.0	1.5	52.0	4.5
N11280	AVALANCHE/N08007	44	21.6	21.3	45.0	102.0	2.0	52.5	4.0
N11003	N04164//N05311/B05044	27	21.6	20.3	44.0	101.0	1.5	53.0	4.0
N11235	N05311//N06705/B04588	29	21.3	20.6	43.0	99.0	1.0	48.0	3.5
N11222	N04164//N05311/B05044	32	21.1	19.2	47.0	100.0	2.0	49.0	4.0
I08902	HYLAND T9905	7	21.1	19.8	44.0	100.0	2.0	47.0	4.0
N11001	N04164//N05311/B05044	25	20.4	18.7	45.0	101.0	1.0	51.5	4.5
N11285	N04152/N05346//N04141/N05317	45	20.3	18.4	45.0	103.0	1.5	51.5	4.0
N11206	N04158/N05311	18	20.2	19.5	46.0	102.0	2.0	51.5	4.0
N11212	N05311/B05055	22	20.0	18.7	46.0	100.0	1.5	51.0	5.0
N11279	N08010//B04349/B05044	51	20.0	18.9	45.0	100.0	1.5	47.5	4.0
N11260	N07009//B04349/B05044	53	20.0	16.3	47.0	101.0	1.5	51.5	4.0
N11202	N05324//N04109/N04158	14	19.7	21.4	43.0	102.0	2.0	49.5	3.0
N11213	N05346/B05055	24	18.7	20.3	46.0	102.0	1.0	46.0	3.5
N11005	B07055//B05044/N04158	33	17.8	17.4	43.0	100.0	2.0	46.0	3.5
N11207	N04158/N05311	21	16.9	20.0	48.0	102.0	1.5	51.5	4.0
MEAN (56)			23.2	19.4	45.4	100.3	1.5	50.5	4.4
LSD (.05)			3.2	1.1	1.0	2.3	0.7	2.3	0.5
CV (%)			11.7	4.7	1.3	1.4	28.0	2.7	6.6

EXPERIMENT 2102 STANDARD BLACK YIELD TRIAL (1)							PLANTED: 6/6/12			
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	12	35.6	22.2	46.0	101.0	1.0	54.5	6.0	
I10102	Mackinac/Jaguar, LORETO	1	35.4	21.1	46.0	101.0	3.0	48.0	4.0	
B11363	B04644/B07554	28	34.9	21.0	45.0	100.0	1.0	50.0	5.0	
B10213	B04587//ZORRO/DPC-1	13	34.5	20.1	46.0	101.0	1.5	52.5	5.0	
B10208	N05324/B05055	16	34.1	23.4	44.0	101.0	1.0	51.0	4.5	
B11334	N07009//B04349/B05044	29	34.0	19.3	43.0	99.0	1.0	51.5	5.5	
B10215	B04587//ZORRO/DPC-1	15	33.9	19.9	47.0	100.0	1.0	50.0	5.0	
B04554	B00103*/X00822, ZORRO	6	33.6	20.2	48.0	102.0	2.0	54.0	5.0	
B10202	N05311/X06121	24	32.9	22.8	44.0	100.0	1.0	53.5	5.0	
B11259	N07009//B04349/B05044	36	32.3	19.5	45.0	103.0	1.5	50.5	4.0	
B09165	B04554/B04587	10	32.1	18.9	46.0	102.0	1.5	54.0	6.0	
B11360	B04644/B05066	30	31.9	21.5	42.0	101.0	2.0	48.0	4.0	
B09175	N05311/B05055	2	31.8	24.2	46.0	103.0	2.0	54.0	4.5	
B10214	B04587//ZORRO/DPC-1	17	31.7	19.9	46.0	101.0	2.0	53.0	5.0	
B11364	B04644/B07554	34	31.4	23.0	45.0	100.0	1.0	52.5	5.5	
B11588	I82054/B07554	8	31.4	21.2	47.0	104.0	2.0	48.0	4.0	
B10210	N05324/B04431	14	31.4	24.0	44.0	104.0	2.0	54.0	4.5	
B11343	B07554//ZORRO/B05044	27	31.4	19.8	44.0	100.0	2.5	48.5	4.0	
B09119	B04554/X06127	7	31.1	19.5	47.0	100.0	1.0	51.5	4.5	
B95556	B90211/N90616, JAGUAR	5	30.9	19.9	47.0	101.0	1.0	50.0	4.5	
B11344	B07554//ZORRO/B05044	35	30.8	19.0	47.0	100.0	2.0	48.0	4.0	
B10238	ZORRO/B05055	21	30.8	19.0	47.0	101.0	1.0	50.5	4.5	
B10227	B05055/N05324	22	30.7	22.4	45.0	103.0	2.0	49.5	4.0	
B10231	B06311/N05311	23	30.4	17.0	47.0	100.0	1.0	49.0	4.0	
B10243	B04610/N05346	19	30.4	18.5	48.0	103.0	2.0	53.0	4.0	
B11361	B04644/B05066	32	30.0	20.2	45.0	102.0	2.0	50.5	3.5	
B11362	B04644/B07554	33	29.9	24.2	44.0	99.0	2.0	48.5	4.0	
I03390	ND9902621-2, ECLIPSE	11	29.8	20.2	45.0	99.0	2.0	51.5	4.0	
B10225	B04644//B05055/B05044	20	29.6	20.7	45.0	98.0	1.0	48.5	4.0	
B11375	B07104/B04391	31	29.3	20.6	44.0	102.0	2.0	52.5	4.5	
I07116	T-39/Midnight, SHANIA	3	29.2	20.0	48.0	103.0	2.5	49.5	3.0	
B10201	N05311/B05055	26	28.5	21.0	43.0	99.0	1.5	52.0	5.0	
I08907	Midnight/Blackhawk, BLACK VELVET	4	26.8	23.7	48.0	104.0	3.0	49.5	3.5	
I81066	SEL-BTS, T-39	9	24.8	21.9	44.0	103.0	4.0	40.5	3.0	
B10228	B06311/B05039	25	24.2	22.0	45.0	103.0	2.0	47.5	4.0	
B10234	B04644/B190	18	24.1	19.4	45.0	101.0	1.5	47.0	3.5	
MEAN (36)			31.0	20.9	45.3	101.0	1.7	50.5	4.4	
LSD (0.05)			2.7	1.4	1.4	1.8	0.5	2.5	0.6	
CV (%)			7.5	5.7	1.8	1.0	17.9	2.9	7.4	

EXPERIMENT 2103 STANDARD BLACK YIELD TRIAL (2)

PLANTED: 6/6/12

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
B09175	N05311/B05055	2	34.5	24.6	46.0	102.0	2.0	53.0	4.5
B11371	B05055/B04587	11	33.0	21.5	45.0	101.0	2.0	51.5	4.5
B11311	B04587//ZORRO/DPC-1	22	32.8	19.1	47.0	102.0	1.5	51.0	5.0
B04554	B00103*/X00822, ZORRO	8	31.9	18.4	47.0	101.0	2.0	51.5	5.0
B11310	B04587//ZORRO/DPC-1	10	31.8	22.1	46.0	100.0	2.0	49.0	4.0
B11312	B04587//B05070/B05044	6	31.8	20.1	46.0	103.0	2.0	50.5	4.0
B11370	B05055/B04265	24	31.4	18.6	44.0	99.0	1.5	47.5	4.0
B10244	B04610/N05346	1	31.4	21.7	46.0	100.0	1.0	54.0	6.0
B11304	N05324/B05055	20	31.3	21.4	44.0	100.0	2.0	48.5	4.5
B11348	B04644//ZORRO/B05044	34	30.9	20.4	46.0	98.0	1.5	49.5	4.5
B11302	N05311//B05055/B05053	7	30.6	21.1	44.0	99.0	2.0	51.5	4.5
B11356	JAGUAR/B04644	19	30.1	19.2	45.0	101.0	2.0	51.5	4.5
B11338	N08007//B04349/B05044	23	30.1	17.8	46.0	100.0	1.0	51.5	5.0
B11285	N04152/N05346//N04141/N05317	32	30.0	19.2	46.0	101.0	2.0	49.0	4.5
B11372	B05055/B04587	14	29.8	20.6	48.0	99.0	2.5	49.5	5.0
I03390	ND9902621-2, ECLIPSE	26	29.2	19.2	44.0	98.0	1.0	49.0	4.0
B11305	N05324/N04158	5	29.1	19.1	46.0	101.0	1.0	51.0	4.5
B11309	B04587//ZORRO/B05055	9	28.5	19.5	44.0	100.0	1.0	49.5	5.0
B01261	Black Magic/Shiny Crow	31	28.5	19.7	52.0	100.0	3.5	44.5	3.0
B11306	B04591/ZORRO	12	28.5	18.3	46.0	103.0	2.0	53.0	4.5
B11313	B04644//B04349/B05044	17	28.4	18.8	43.0	97.0	1.5	47.0	4.0
B11341	N05311//N07009/N05324	13	28.3	18.7	43.0	99.0	2.0	47.5	4.5
B11004	N05324//N05311/B05044	30	28.3	21.4	42.0	102.0	2.0	49.0	3.0
B11316	B05052//B05044/B04588	33	27.9	20.0	45.0	99.0	1.5	48.5	4.0
B11329	B04644/B04391	25	27.3	20.2	43.0	101.0	1.0	51.5	4.5
B11369	B05054/B04588//B07554	28	27.2	19.9	47.0	101.0	1.5	48.5	4.0
B11322	B05055/B04644	35	27.0	17.8	43.0	98.0	1.0	48.5	5.0
I07116	T-39/Midnight, SHANIA	3	26.9	17.7	46.0	100.0	2.0	47.5	3.0
B11352	B04644//B06311/B05044	15	26.8	20.4	44.0	98.0	1.5	47.5	4.5
B11314	B04644//B04349/B05044	27	26.8	22.0	42.0	98.0	1.5	48.0	4.0
B11350	B04644//B05055/B05044	21	26.3	20.5	46.0	98.0	1.0	47.5	4.0
B11315	B04644//B05055/B04587	18	25.9	19.6	42.0	98.0	1.0	47.0	4.0
B11351	B04644//B05055/B05044	16	25.9	18.5	44.0	98.0	1.5	46.5	4.0
B11307	N05311/B04587	29	25.6	22.2	43.0	99.0	1.5	47.5	4.0
B11355	JAGUAR/B04644	4	23.8	17.0	44.0	98.0	1.0	48.0	2.5
B11345	B07554//B05044 /N04158	36	23.2	18.9	43.0	101.0	2.0	49.0	4.0
MEAN (36)			28.9	19.9	44.9	99.6	1.6	49.3	4.3
LSD (0.05)			2.6	1.4	1.9	2.9	0.7	2.7	0.8
CV (%)			7.6	6.0	2.5	1.7	23.3	3.3	11.0

EXPERIMENT 2104 PRELIMINARY NAVY YIELD TRIAL

PLANTED: 6/6/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	R73*
N11283	MEDALIST/N08003	75	34.1	19.4	47.0	100.0	2.5	50.0	4.5	
I11264	COOP 03019, MERLIN	77	31.3	20.1	45.0	102.0	2.0	49.5	4.0	
N11298	MEDALIST//B05054/B04588	76	31.1	20.0	47.0	99.0	1.0	51.5	5.0	
N12468	N08010//B04349/B05044	68	30.4	18.9	49.0	100.0	2.0	50.5	4.0	6R
N12443	N09060/N09175	43	30.3	21.7	50.0	102.0	2.0	51.0	4.5	6R
N12442	N09060/N09175	42	29.6	22.9	50.0	101.0	1.5	54.0	5.0	6R
N12453	N09065/N09050	53	29.0	22.6	45.0	101.0	1.5	50.0	4.5	6R
N12447	B09174/N09056	47	28.5	22.1	49.0	102.0	2.5	49.5	4.0	2S, 5R
N12441	N09060/N09175	41	28.3	22.8	49.0	102.0	2.0	52.0	4.0	6R
N12466	N08010/N08007	66	28.2	18.9	49.0	99.0	1.5	52.5	4.5	6R
N12435	N09056/N09175	35	27.9	21.2	45.0	101.0	2.5	47.5	4.5	6R
N11228	N05311//N07009/N05324	73	27.4	18.0	47.0	100.0	2.5	47.5	4.5	
N11258	N07009/MEDALIST	74	27.4	19.9	47.0	100.0	2.0	52.5	5.0	
N12411	C-20/N09011	11	27.3	21.7	45.0	99.0	3.0	44.0	3.0	6S
N12438	N09056/N09175	38	27.2	21.2	44.0	100.0	2.0	53.0	5.0	6R
N12405	N04158//B04644/X08103	5	26.9	19.4	44.0	101.0	1.0	50.5	5.0	6S
N12439	N09056/N09175	39	26.7	21.0	48.0	101.0	2.0	49.5	4.0	6R
N12461	Eclipse/N09056	61	26.7	20.1	41.0	97.0	2.5	46.5	4.0	6R
N12463	Eclipse/N09056	63	26.7	21.2	47.0	100.0	2.0	48.5	4.0	1S, 5R
N12437	N09056/N09175	37	26.7	16.0	47.0	103.0	2.0	51.0	4.0	6R
I12301	INDI	80	26.6	20.8	44.0	98.0	1.0	52.0	4.5	
N12436	N09056/N09175	36	26.6	21.6	46.0	101.0	2.0	51.5	4.5	6R
N11226	N05311*/B05044	72	26.5	18.0	50.0	103.0	1.5	54.5	4.5	
N12451	N07009//G07309/G08274	51	26.4	31.4	40.0	98.0	3.5	44.5	3.0	6S
N11216	N04158/B04265	71	26.4	21.6	46.0	102.0	3.0	49.0	4.0	
N12458	B09174/N09056	58	26.2	18.6	46.0	97.0	2.5	48.0	4.0	3S, 2R
I92002	C-20*3//GTS-0801/Seafarer, VISTA	78	26.2	19.5	46.0	101.0	2.5	47.5	4.0	
N12467	N08010/N08007	67	26.1	18.9	50.0	100.0	2.5	49.5	4.0	5R
N12456	B09174/N09056	56	26.1	20.7	43.0	100.0	2.5	47.5	4.0	6S
N12446	B07554//X08106/X08102	46	25.6	19.9	44.0	99.0	1.5	48.0	4.0	6R
N12412	C-20/N09011	12	25.3	22.8	44.0	99.0	3.0	46.0	3.0	6S
N12457	B09174/N09056	57	25.3	20.8	43.0	101.0	2.0	50.0	4.0	2S, 4R
N12449	N04158//B04644/X08103	49	25.3	24.8	43.0	102.0	1.5	47.0	4.0	1S, 6R
N12410	C-20/N09011	10	25.2	20.5	48.0	101.0	3.0	45.5	3.0	6S
N12454	B09174/N09056	54	25.1	20.5	44.0	101.0	2.0	51.0	4.5	6S
N12465	N08007//B05054/B04588	65	25.0	19.9	47.0	104.0	2.0	52.5	4.5	5R
N12469	Laker/N08007	69	24.9	21.4	48.0	99.0	2.5	46.5	4.0	6R
N12406	N04158//B04644/X08103	6	24.8	20.4	47.0	102.0	1.0	51.5	4.5	6S
N12460	Eclipse/N09056	60	24.7	19.8	43.0	97.0	2.0	46.5	4.0	6R
N12462	Eclipse/N09056	62	24.5	19.3	46.0	101.0	2.5	48.5	4.0	6R

EXPERIMENT 2104 PRELIMINARY NAVY YIELD TRIAL							PLANTED: 6/6/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	R73*
N12459	B09174/N09056	59	24.4	19.8	44.0	101.0	1.5	49.0	4.0	2S, 4R
N12440	N09056/N09175	40	24.3	21.8	47.0	102.0	1.5	48.0	4.0	6R
N12425	N05324/N09060	25	23.9	22.4	49.0	105.0	1.0	49.5	3.5	5R
N12455	B09174/N09056	55	23.3	21.0	49.0	103.0	1.5	51.5	3.5	6S
N12452	N07009//G07309/G08274	52	23.3	26.3	40.0	99.0	3.0	45.5	3.0	6S
N12464	N04158//N04141/N05317	64	23.2	20.7	47.0	104.0	2.5	53.0	3.5	6R
I08958	Mayflower/Avanti, MEDALIST	79	23.1	19.6	45.0	104.0	2.5	48.5	3.0	
N12448	N04158//B04644/X08103	48	22.9	24.8	47.0	99.0	1.5	49.0	4.0	4S, 4R
N12450	N06705//Laker/N08007	50	22.7	21.3	46.0	105.0	2.0	50.0	3.0	4S, 4R
N12434	N09056/N09175	34	22.7	19.6	44.0	105.0	2.0	48.5	3.5	6R
N12408	N07009//G07309/G08274	8	22.6	21.1	44.0	104.0	1.5	49.5	4.0	6R
N12402	N04158//B04644/X08103	2	22.4	22.1	49.0	102.0	2.0	49.5	4.0	6S
N12424	N05324/N09034	24	22.4	17.7	46.0	101.0	2.0	50.5	4.0	6S
N12423	N05324/N09034	23	21.9	18.0	42.0	101.0	1.5	50.0	4.5	6S
N12409	N07009//G07309/G08274	9	21.9	25.4	42.0	98.0	3.0	46.5	3.5	6R
N12422	N05324/N09034	22	21.8	16.6	47.0	101.0	1.0	50.0	3.0	6S
N12413	C-20/N09011	13	21.5	19.4	47.0	105.0	2.0	52.0	3.5	6S
N12420	N05324/N09034	20	21.2	24.8	48.0	105.0	3.0	46.5	3.0	6S
N12428	N09010/N09002	28	21.1	22.0	50.0	105.0	1.5	53.5	4.0	6S
N12415	C-20/N09011	15	21.0	20.4	47.0	105.0	2.5	50.5	3.5	6S
N12416	C-20/N09011	16	20.9	20.9	47.0	104.0	2.5	48.0	3.0	6S
N12414	C-20/N09011	14	20.4	20.3	45.0	103.0	3.0	45.0	3.0	6S
N12430	N09010/N09002	30	20.3	21.7	44.0	101.0	1.5	48.0	4.0	6S
N12418	C-20/N09011	18	20.3	21.8	48.0	103.0	2.0	51.0	3.5	6S
N12401	N04158//B04644/X08103	1	20.2	19.5	48.0	102.0	1.5	47.5	4.0	6S
N12407	N07009//G07309/G08274	7	19.9	20.9	42.0	102.0	1.5	48.5	3.0	6S
N12470	B07554/N08007	70	19.7	20.3	47.0	102.0	2.0	53.0	4.5	6S
N12404	N04158//B04644/X08103	4	19.5	19.6	48.0	103.0	1.0	50.0	4.0	6S
N12421	N05324/N09034	21	18.5	21.1	46.0	105.0	1.5	52.5	4.0	6S
N12417	C-20/N09011	17	18.4	19.3	46.0	104.0	1.5	54.5	3.5	6S
N12432	N09034/N09010	32	18.4	19.0	42.0	101.0	2.0	49.5	4.0	6S
N12431	N09010/N09002	31	18.3	20.8	48.0	101.0	2.0	50.0	4.0	6S
N12419	N05324/N09034	19	18.2	20.3	48.0	104.0	1.5	52.5	3.0	6S
N12445	Avalanche/N09045	45	17.8	19.4	44.0	104.0	1.5	51.5	4.0	6R
N12433	N09043/N09065	33	17.6	20.6	43.0	101.0	1.5	47.5	3.0	6S
N12429	N09010/N09002	29	17.4	21.9	48.0	103.0	1.0	53.0	4.0	6S
N12403	N04158//B04644/X08103	3	16.9	24.0	50.0	105.0	2.0	50.0	3.0	6S
N12426	N05324/N09067	26	16.3	21.6	49.0	106.0	2.5	50.5	3.5	6R
N12444	Avalanche/N09045	44	15.9	20.5	48.0	105.0	1.5	51.0	3.5	4S, 2R
N12427	N05324/N09067	27	15.1	25.1	43.0	105.0	2.0	50.0	3.0	6R
MEAN (80)			23.8	20.9	45.9	101.4	2.0	49.7	3.9	
LSD (0.05)			2.5	1.1	2.0	2.3	0.5	3.1	0.8	
CV (%)			7.7	4.0	2.6	1.3	15.4	3.7	12.2	

EXPERIMENT 2105 PRELIMINARY BLACK YIELD TRIAL							PLANTED: 6/6/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	R73*
B10244	B04610/N05346	40	32.1	20.0	48.0	101.0	2.0	56.6	5.0	
B09175	N05311/B05055	39	31.0	24.3	47.0	101.0	1.9	56.6	5.0	
B12709	B07554//Jaguar/B07554	9	31.0	20.7	49.0	101.0	1.6	55.3	5.3	6R
B12720	B09175/Eclipse	20	30.5	23.3	48.0	98.0	2.0	56.4	6.0	6R
B12721	B09175/Eclipse	21	30.3	23.2	48.0	95.0	0.9	55.6	6.0	6R
B12707	B07554//X08106/X08102	7	29.9	21.8	48.0	101.0	1.4	55.1	5.3	6R
B12712	B07554//Jaguar/B07554	12	29.8	19.7	48.0	102.0	1.0	57.1	5.7	6R
B12710	B07554//Jaguar/B07554	10	29.5	21.1	47.0	100.0	1.3	56.5	6.0	6R
B12708	B07554//X08106/X08102	8	29.5	20.9	48.0	101.0	1.4	55.9	5.7	6R
B12724	B09184/B09135	24	29.4	20.6	47.0	102.0	2.0	57.5	5.3	6R
B12715	Zorro/N09056	15	28.8	19.1	47.0	101.0	1.6	52.0	4.3	6R
B12713	B07554//Jaguar/B07554	13	28.8	21.1	48.0	101.0	1.3	56.8	5.7	6R
B12728	B09193/B09184	28	28.7	19.8	43.0	98.0	1.6	48.9	4.0	6R
B12716	B09128/Eclipse	16	28.6	18.3	45.0	97.0	1.1	54.1	6.0	6R
B12736	Eclipse/N09056	36	28.6	20.0	49.0	99.0	2.0	55.1	5.0	6S
B12723	B09184/B09135	23	28.4	20.1	47.0	102.0	1.6	54.0	5.0	6R
B12706	B07554//X08106/X08102	6	28.2	20.6	48.0	102.0	1.4	57.3	5.7	6R
I07116	T-39/Midnight, SHANIA	42	27.6	19.2	49.0	102.0	2.0	54.4	4.0	
B12729	B09201/B09135	29	27.4	17.9	46.0	101.0	1.4	54.5	5.0	6S
B12711	B07554//Jaguar/B07554	11	27.4	19.6	48.0	102.0	1.4	57.6	5.7	6R
B04554	B00103*/X00822, ZORRO	41	27.2	19.3	50.0	101.0	2.0	55.8	5.0	
B12734	Eclipse/N09056	34	26.5	20.6	48.0	99.0	1.6	53.3	4.7	6R
B12704	B05066//Jaguar/B07554	4	26.0	18.6	49.0	99.0	1.1	52.7	4.7	6S
B12702	B05066//Jaguar/B07554	2	25.1	19.0	48.0	101.0	2.0	54.8	5.3	6S
B12732	B09201/B09197	32	24.9	18.7	50.0	103.0	1.7	54.0	4.7	6R
B12735	B09135/B09201	35	24.7	20.9	49.0	102.0	2.1	54.2	4.7	2S, 4R
B12701	B05066//Jaguar/B07554	1	24.2	19.7	48.0	100.0	1.4	54.1	5.0	6S
B12727	B09184/B09202	27	24.1	19.2	46.0	101.0	2.0	50.7	4.3	6R
B12703	B05066//Jaguar/B07554	3	24.1	19.1	48.0	98.0	1.3	52.9	4.7	6S
B12726	B09184/B09201	26	22.4	16.7	48.0	100.0	1.9	50.5	4.0	6R
B12738	B05055/B04265	38	22.3	21.7	45.0	104.0	1.9	57.2	4.0	6R
B12719	B09135/B09201	19	22.2	18.0	48.0	103.0	2.4	51.9	4.7	6R
B12717	B09135/B09201	17	21.8	17.8	49.0	102.0	2.0	53.8	4.7	6R
B12737	B05055/B04265	37	21.5	20.7	44.0	103.0	1.6	54.7	4.7	6R, 1S
B12722	B09184/B09135	22	21.3	20.3	48.0	103.0	1.7	53.4	4.3	6R
B12725	B09184/B09135	25	21.1	18.4	49.0	103.0	2.0	55.1	4.3	6R
B12718	B09135/B09201	18	20.8	19.2	45.0	100.0	2.0	52.1	4.3	6R
B12705	B07554//X08106/X08102	5	20.1	18.6	48.0	99.0	1.0	53.6	5.3	6R
B12714	Zorro/N09056	14	20.1	20.7	51.0	101.0	2.9	47.1	4.0	6R
B12733	Eclipse/B09182	33	19.5	18.7	48.0	96.0	1.0	48.3	4.3	6S
B12731	B09201/B09197	31	17.4	16.5	52.0	104.0	3.1	49.6	3.7	6R
B12730	B09201/B09197	30	17.2	17.0	50.0	103.0	3.6	46.7	4.0	6R
MEAN (42)			25.7	19.8	47.9	100.8	1.8	53.9	4.9	
LSD (0.05)			3.7	1.4	2.4	1.6	0.5	2.2	0.1	
CV (%)			10.6	5.2	2.9	1.1	22.4	3.0	2.1	

EXPERIMENT 2106 NAVY GENETIC GAIN YIELD TRIAL							PLANTED: 6/6/12		
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
BC133	Medalist	6	26.8	17.7	44.0	104.0	2.0	51.5	4.3
BC320	Vista	5	26.8	19.3	45.0	101.0	2.7	48.0	4.0
BC086	Seahawk	12	26.4	22.0	43.0	101.0	4.1	41.3	3.3
BC394	Midland	3	26.0	15.2	41.0	97.0	1.9	47.9	4.7
BC066	C-20	13	25.7	18.0	45.0	104.0	3.1	47.0	4.0
BC068	Mayflower	4	25.2	20.3	47.0	101.0	0.9	56.3	5.0
BC134	Navigator	9	24.7	19.7	44.0	100.0	1.1	54.4	5.0
BC056	Seafarer	14	23.6	16.6	41.0	102.0	1.9	47.7	3.7
BC354	T9905	8	23.0	20.1	46.0	104.0	3.1	48.4	4.0
BC054	Michelite	2	22.6	17.2	45.0	104.0	3.4	47.1	3.0
BC065	Bunsi	16	20.8	19.4	42.0	104.0	3.3	44.8	3.3
BC305	Norstar	7	20.8	19.8	42.0	99.0	2.9	44.9	4.0
I12302	Robust	15	20.5	20.1	52.0	103.0	5.0	34.7	2.7
BC128	Ensign	10	18.6	19.2	43.0	102.0	3.0	46.7	3.3
BC055	Sanilac	1	17.7	16.3	40.0	100.0	1.9	45.9	3.7
BC306	Avalanche	11	17.4	23.0	41.0	105.0	2.4	48.2	4.0
MEAN (16)			22.9	19.0	43.8	102.0	2.7	47.2	3.9
LSD (0.05)			2.8	1.2	2.6	1.9	0.4	2.1	0.5
CV (%)			8.5	4.6	3.2	1.3	9.5	3.1	9.3

EXPERIMENT 2107 STANDARD GREAT NORTHERN YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	
G11438	G07309/P08401	8	32.1	39.8	42.0	98.0	2.5	48.0	4.3	
G08254	G04514/Matterhorn	2	30.8	40.9	42.0	98.0	3.0	46.0	4.0	
G11416	G05220/X07810	18	30.1	36.5	42.0	100.0	2.5	46.0	4.3	
G11440	G07309/P08401	29	28.8	34.9	44.0	99.0	2.5	47.0	4.0	
G11464	G07309//G07302/BMN13	7	28.7	44.6	43.0	101.0	2.0	49.5	4.3	
G11429	G07309//G05241/B04588	14	28.6	32.1	45.0	104.0	3.0	48.5	4.0	
G11441	G07309/P08401	15	28.4	38.3	42.0	99.0	2.0	48.5	3.5	
G11427	G07309//G07302/BMN13	12	27.7	38.1	42.0	100.0	3.0	47.5	4.0	
G08259	G04517/G02647	4	27.2	40.2	43.0	98.0	3.0	47.0	3.8	
G11411	G05220/X07810	23	27.1	31.2	44.0	99.0	2.0	48.5	4.3	
G11428	G07309//G07302/BMN13	26	26.5	37.8	42.0	99.0	2.5	49.0	3.8	
G11452	G08274/P08410	13	26.4	36.8	43.0	98.0	2.0	45.5	3.3	
G11405	G05220//G04207/P05437	17	26.3	35.2	44.0	102.0	3.0	47.0	4.0	
G09329	G04514/G02647	3	25.9	39.9	43.0	100.0	2.5	46.5	3.8	
G11406	MATTERHORN//G04207/P05437	22	25.8	41.5	41.0	100.0	2.5	49.0	3.8	
G11463	G07309//G04207/I07130	16	25.8	39.6	44.0	102.0	3.0	47.0	3.8	
G08160	Matterhorn/E507	5	25.7	31.7	44.0	99.0	2.0	47.5	3.0	
G93414	MATTERHORN	27	25.4	38.7	43.0	99.0	3.0	46.0	4.0	
G11431	G07309//G05241/B04588	19	25.0	34.4	45.0	102.0	2.5	49.0	4.3	
G09303	G04207/P05437	1	24.7	34.6	43.0	101.0	2.0	49.0	4.3	
G11404	G05220//G04207/P05437	6	24.3	39.8	42.0	104.0	3.0	46.5	3.5	
G11424	G07302//G04207/I07130	20	24.3	37.4	42.0	98.0	2.5	44.5	3.5	
G11467	NE-1-06-19//G04207/BMN13	32	23.9	27.5	46.0	103.0	1.5	55.0	4.0	
G11418	G05220//G04207/P05437	25	23.8	37.9	42.0	103.0	3.0	46.5	4.0	
G11412	G05220/X07810	34	23.6	31.7	43.0	101.0	1.5	51.0	4.0	
G11465	NE-1-06-19//G04207/BMN13	31	23.4	28.8	44.0	100.0	1.5	53.0	4.5	
G11468	NE-1-06-19//G04207/BMN13	36	23.4	29.8	45.0	103.0	1.5	52.0	3.8	
G11423	G07302//I07130/G05239	28	23.0	39.0	44.0	100.0	2.5	46.5	4.0	
G11449	G08274/P08410	11	22.6	32.8	43.0	103.0	1.5	49.5	4.3	
G11459	G08210/P06125	24	22.6	32.8	44.0	102.0	2.5	50.5	4.0	
G11422	G07302//I07130/G05239	30	22.5	34.0	43.0	101.0	3.0	47.0	3.5	
G12501	G07309//G05241/B04588	35	21.9	32.9	42.0	101.0	2.0	52.0	5.3	
G11450	G08274/P08410	9	20.1	34.9	41.0	103.0	1.0	51.0	3.5	
G11436	G07302/P07406	21	19.6	35.6	43.0	103.0	3.0	49.0	3.5	
G11433	G07302/P07406	33	19.0	30.4	45.0	104.0	3.0	47.5	3.5	
G08121	MATTERHORN/EMP 507	10	14.0	29.3	50.0	110.0	4.0	45.0	2.3	
MEAN (36)			25.0	35.6	43.0	100.8	2.4	48.3	3.9	
LSD (0.05)			3.1	4.0	2.0	2.2	0.8	2.0	0.8	
CV (%)			10.6	9.5	2.8	1.3	19.0	2.4	17.1	

EXPERIMENT 2108 STANDARD PINTO YIELD TRIAL						PLANTED: 6/7/12			
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	35.0	40.8	45.0	105.0	2.5	48.5	4.5
I11255	PT8-6	23	33.5	38.8	45.0	98.0	3.5	46.0	3.0
I09123	Sierra/Buster, Medicine Hat	3	32.2	43.7	43.0	96.0	2.5	42.5	3.0
P09425	P00225/USPT-CBB-6	6	32.0	39.1	44.0	97.0	2.5	48.0	4.0
P12610	P08362/P08401	33	31.9	38.3	42.0	99.0	1.0	54.5	5.5
P12609	P08362/P08401	32	31.8	36.1	44.0	99.0	1.0	53.5	5.0
P11506	P06121/P05436	16	31.6	36.7	44.0	98.0	2.0	52.0	4.0
P12603	P07406/P08401	26	31.5	37.7	47.0	102.0	1.5	54.0	5.3
I07113	PNE-6-94-75/Kodiak, LAPAZ	2	31.3	38.8	46.0	97.0	2.0	48.5	4.0
P08161	MATTERHORN/EMP 507	10	30.8	35.4	45.0	102.0	2.5	48.0	3.8
P12604	P07406/P08401	27	30.6	38.8	45.0	99.0	2.0	54.0	5.3
P08162	MATTERHORN/EMP 507	11	30.5	32.3	44.0	99.0	3.0	45.0	3.5
P11518	SANTA FE/P07806	9	30.0	38.2	50.0	102.0	3.0	48.5	4.8
I06249	ND020069, LARIAT	5	29.9	41.7	46.0	102.0	3.5	45.0	3.0
P08403	P05463/USPT-CBB-5	4	29.7	33.3	44.0	97.0	2.0	48.5	4.5
P11519	SANTA FE/P07806	15	29.6	40.2	46.0	102.0	2.5	48.5	5.3
P11517	P06131//P06137 / P05436	17	29.6	42.2	45.0	98.0	2.0	46.5	3.8
P12612	P08381/P08401	35	29.2	33.2	45.0	99.0	2.0	49.0	4.3
P12611	P08362/P08401	34	29.0	34.5	44.0	99.0	1.0	53.0	4.5
P11526	SANTA FE/P07806	18	28.8	37.1	43.0	99.0	2.0	46.0	3.8
P12613	P08381/P08401	36	28.8	35.0	45.0	98.0	2.0	50.5	4.5
P12607	P07406/P08401	30	28.6	38.3	44.0	98.0	2.0	47.5	4.0
P12606	P07406/P08401	29	28.3	36.5	46.0	99.0	2.0	53.5	4.3
P11523	P04203/P06125	20	28.3	37.0	43.0	98.0	2.0	50.0	4.0
P11525	I06228/P04203	14	28.1	36.0	49.0	99.0	3.0	45.0	3.3
P12605	P07406/P08401	28	27.9	35.8	47.0	101.0	2.0	52.5	4.5
P12608	P08327/P08401	31	27.1	31.8	45.0	100.0	2.0	50.5	4.5
P12601	P07405//I06228/P07405	24	24.3	37.2	46.0	102.0	2.0	52.0	3.8
P11522	P04203/P06125	12	24.2	34.9	43.0	99.0	2.0	49.0	3.8
P11511	G08215/I06228	21	23.8	34.0	46.0	104.0	3.0	48.0	3.8
P11456	G07302/SANTA FE	13	23.8	33.3	44.0	103.0	3.5	42.5	3.0
P11507	P04203/AZTEC	19	22.0	34.0	44.0	102.0	2.5	47.5	3.8
P12602	P07405//I06228/P07405	25	21.7	38.1	44.0	101.0	2.0	51.5	3.3
P11509	G08215/P07406	22	21.5	40.9	45.0	103.0	2.5	49.0	3.3
I08933	37-2, USPT-WM-12	7	19.3	32.9	45.0	105.0	3.5	44.0	2.8
P04205	P99119/G99750, SANTA FE	8	16.2	36.1	44.0	103.0	3.5	42.5	3.0
MEAN (36)			28.1	36.9	44.7	99.9	2.3	48.8	4.0
LSD (0.05)			3.1	2.7	1.5	2.7	0.5	0.5	0.6
CV (%)			9.5	6.2	2.0	1.6	13.4	0.6	13.0

EXPERIMENT 2109 STANDARD RED AND PINK YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
S11703	R06418/S07809	19	31.4	32.3	40.0	98.0	3.5	44.5	3.0	
S08418	S02754/S04503, ROSETTA	2	31.3	31.1	43.0	98.0	1.5	50.5	5.5	
R11608	NOT ON FILE	14	31.3	33.9	44.0	102.0	2.0	52.5	4.0	
R11633	R06412//P06121/P05436	9	31.2	33.8	44.0	100.0	3.0	46.5	4.0	
R11616	R08504/SER26	17	29.8	34.2	42.0	102.0	2.5	46.5	4.0	
R11614	R08504/SER26	15	29.5	35.9	44.0	101.0	2.5	49.0	4.5	
R11615	R08504/SER26	10	29.4	34.0	45.0	102.0	2.0	50.0	4.0	
R11604	R02189//R06414/RAB651	18	28.8	33.3	43.0	102.0	2.0	49.0	4.5	
S07501	Sedona/ABCP #15//R02205	1	28.5	35.2	48.0	104.0	3.0	47.0	4.0	
S11701	S04504/R06420	12	27.8	30.6	40.0	99.0	2.5	45.5	3.0	
S11610	R06412//S07501/R06422	13	27.8	31.1	43.0	99.0	4.0	44.5	3.5	
R11630	R08504/SER 21	26	27.7	28.8	41.0	98.0	2.0	50.5	5.0	
S11631	R06412/X08702	21	27.4	28.1	43.0	99.0	3.0	45.5	4.0	
S00809	R94142/X94076, SEDONA	3	27.4	38.0	46.0	100.0	3.0	45.5	3.5	
R11618	R08504/SER26	27	27.2	32.9	42.0	99.0	2.0	46.5	3.5	
I11227	PK10-8	29	26.5	29.8	41.0	98.0	4.0	45.0	3.0	
I10126	PS02-050-2	6	26.3	31.2	40.0	101.0	2.0	48.0	4.0	
R11629	R08504/AMADEUS 77	22	26.2	34.4	41.0	101.0	1.5	55.0	4.0	
R11611	R06412//S07501/R06422	20	26.0	33.5	43.0	101.0	4.0	41.5	3.0	
R11610	R06412//S07501/R06422	8	25.9	31.6	45.0	101.0	4.0	41.5	3.0	
S11707	S04505//PK 7-5/R06420	11	25.4	36.6	42.0	102.0	3.0	46.0	3.5	
R11627	R06427/RAB655//R06420	24	24.9	31.0	41.0	99.0	3.0	44.0	3.0	
R11617	R08504/SER26	25	23.9	33.9	43.0	102.0	2.5	48.0	4.0	
R09506	R06249/Merlot	7	23.9	34.4	42.0	103.0	2.0	52.5	3.0	
I11231	PK10-24	30	23.8	36.5	41.0	104.0	4.0	46.0	3.0	
R11607	S06410/R06422	16	22.9	34.3	43.0	101.0	2.5	47.0	3.5	
I09208	NDZ06249, RIO ROJO	4	22.4	27.9	40.0	103.0	2.5	47.0	3.0	
R98026	R94037/R94161, MERLOT	5	22.2	36.8	48.0	105.0	3.0	48.5	3.5	
S11706	S04505//TARS SR05/R02002	28	22.0	21.9	40.0	100.0	2.0	49.0	3.5	
R11632	S08406/S07809	23	21.6	32.2	43.0	99.0	2.0	47.5	4.0	
MEAN (30)			26.7	32.6	42.6	100.6	2.7	47.3	3.7	
LSD (0.05)			3.2	2.2	1.9	1.4	0.6	2.6	0.8	
CV (%)			10.2	5.7	2.6	0.8	12.9	3.2	12.7	

EXPERIMENT 2110 STANDARD FLOR DE MAYO YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
R11801FJ	X07712 / X07721	8	33.6	35.3	38.0	100.0	3.0	48.3	5.3	
R11802FJ	X07712 / X07721	7	30.2	36.2	41.0	103.0	3.0	49.0	5.0	
R11806FM	X07714 / X07710	4	30.0	28.1	49.0	106.0	4.0	46.3	5.0	
R11808FM	X07714 / X07710	3	27.3	26.4	49.0	105.0	3.7	47.0	5.0	
R11807FM	X07714 / X07710	13	26.2	28.1	49.0	105.0	4.0	46.3	5.0	
R11803FJ	X07712 / X07721	2	25.7	33.6	41.0	100.0	3.0	49.0	4.7	
R11812FM	X07714 / X07710	15	25.6	27.4	49.0	108.0	4.0	44.0	3.7	
R11817FJ	X07717 / X07710	1	24.9	33.4	45.0	103.0	4.3	41.7	3.3	
R11811FM	X07714 / X07710	10	24.9	30.5	49.0	107.0	4.0	45.7	4.3	
R11815FM	X07717 / X07710	14	24.3	27.4	48.0	106.0	4.0	45.3	4.3	
R11804FM	X07714 / X07710	5	23.3	26.2	49.0	106.0	3.7	47.0	4.3	
R11805FM	X07714 / X07710	9	23.0	28.3	50.0	107.0	4.3	45.3	3.7	
R11809FM	X07714 / X07710	6	21.7	27.4	46.0	106.0	3.3	47.3	4.3	
R11810FM	X07714 / X07710	12	21.4	25.6	49.0	107.0	3.7	47.0	4.0	
I11215FM	FM EUGENIA	16	20.9	30.4	46.0	109.0	4.7	41.3	3.0	
R11814FM	X07714 / X07710	11	18.3	29.1	49.0	109.0	3.7	45.3	3.3	
MEAN (16)			25.1	29.6	46.6	105.5	3.8	46.0	4.3	
LSD (0.05)			5.4	2.1	2.4	2.1	0.5	2.1	0.7	
CV (%)			15.3	5.0	2.8	1.4	10.3	3.3	12.2	

EXPERIMENT 2111 PRELIMINARY GREAT NORTHERN YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
G12502	P08410/G07302	1	31.5	34.7	42.0	98.0	1.7	48.7	4.7	
G12503	P08410/G07302	2	30.6	32.7	43.0	98.0	2.0	48.3	4.7	
G12504	P08410/G07302	3	29.3	34.1	43.0	99.0	1.7	49.0	4.0	
G12508	P08410/G08275	7	28.5	34.3	43.0	100.0	2.0	53.3	5.7	
G93414	MATTERHORN	15	27.2	32.1	41.0	100.0	3.0	47.0	3.7	
G12903	G07321/FUJI	11	25.8	23.1	41.0	103.0	2.3	48.7	4.3	
G12901	G07321/FUJI	9	25.5	25.4	44.0	103.0	2.0	52.0	4.7	
G12902	G07321/FUJI	10	25.4	21.5	40.0	101.0	2.3	48.3	4.3	
G12507	P08410/G08275	6	25.2	31.7	42.0	102.0	1.7	53.3	5.0	
G12509	P08410/G08275	8	23.9	32.7	42.0	100.0	1.7	52.3	5.0	
G12904	G07321/ FUJI	12	23.5	24.0	41.0	104.0	2.0	51.3	4.0	
G12506	P08410/G08275	5	20.8	23.7	43.0	105.0	2.0	49.7	4.0	
G12905	G07321/FUJI	13	19.4	24.2	43.0	106.0	2.3	50.3	3.3	
G05922	HIME TEBO*4/MATTERHORN,FUJI	16	18.5	26.3	42.0	105.0	2.7	45.7	3.7	
G12505	P08410/G08275	4	18.2	31.9	41.0	103.0	2.3	50.0	4.0	
G12906	G07321/FUJI	14	16.0	30.7	41.0	105.0	2.3	49.3	3.7	
MEAN (16)			24.3	28.9	42.1	102.0	2.1	49.8	4.3	
LSD (0.05)			3.5	2.8	1.8	1.9	0.4	2.1	0.4	
CV (%)			10.3	6.9	2.3	1.3	14.5	3.0	5.9	

EXPERIMENT 2112 PRELIMINARY RED AND PINK YIELD TRIAL

PLANTED: 6/7/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
S12910	PK9-7/Rosetta	84	36.7	36.7	42.0	97.0	3.0	45.7	3.7
R12859	R08512/SR9-5	59	36.6	35.3	43.0	98.0	1.3	55.7	5.7
S12905	Rosetta/NDZ06209	79	36.1	33.8	44.0	97.0	1.7	52.0	5.0
S08418	S02754/S04503, ROSETTA	89	36.0	37.4	42.0	98.0	2.0	52.7	5.3
R12832	SR9-5/Merlot	32	35.8	37.3	44.0	100.0	2.0	50.3	3.3
S12911	PK9-7/Rosetta	85	35.2	36.5	43.0	97.0	2.7	48.0	4.0
R12860	R08512/SR9-5	60	35.2	37.3	41.0	98.0	1.7	51.7	4.3
R12853	NDZ06209/R08516	53	34.8	37.4	45.0	96.0	3.0	46.7	3.7
R12804	Merlot/NDZ06209	4	34.6	37.2	43.0	99.0	2.0	53.0	4.7
S12903	Rosetta/PK9-4	77	34.5	28.4	44.0	97.0	1.7	50.3	5.3
R12824	R09505/NDZ06209	24	34.4	36.7	43.0	96.0	1.3	49.7	5.7
S12904	Rosetta/PK9-4	78	34.2	33.5	43.0	97.0	2.0	52.0	6.0
R12873	Rosetta/NDZ06209	73	34.1	31.8	44.0	99.0	2.3	49.7	5.3
R12801	R08515//R06420/SER 26	1	33.8	39.0	44.0	100.0	2.3	49.7	4.0
S12909	PK9-7/Rosetta	83	33.6	35.4	44.0	98.0	2.7	47.0	3.7
R12855	R08512/SR9-5	55	33.4	34.2	44.0	99.0	2.0	54.0	5.3
S12906	Rosetta/NDZ06209	80	33.1	35.6	42.0	96.0	2.7	48.7	4.3
R12849	NDZ06209/R08516	49	32.9	31.8	50.0	99.0	3.3	48.3	4.0
R12813	R06415/NDZ06209	13	32.7	31.2	43.0	99.0	2.3	47.3	4.0
R12857	R08512/SR9-5	57	32.7	36.3	43.0	97.0	1.0	54.7	5.0
R12864	R02085/SR9-2	64	32.3	34.7	43.0	96.0	1.3	53.7	4.7
R12833	SR9-5/Merlot	33	32.3	36.1	43.0	96.0	1.3	54.7	4.3
R12850	NDZ06209/R08516	50	32.1	33.2	49.0	102.0	2.3	55.0	4.3
R12874	Rosetta/NDZ06209	74	32.1	30.4	44.0	95.0	2.0	50.0	4.7
R12851	NDZ06209/R08516	51	31.9	29.6	44.0	97.0	2.7	48.7	5.0
R12846	NDZ06209/Merlot	46	31.7	31.6	48.0	98.0	3.0	46.7	3.7
R12845	SR9-5/R09508	45	31.7	32.6	48.0	102.0	1.7	56.3	4.3
R12814	R06415/NDZ06209	14	31.5	34.2	44.0	99.0	2.7	47.3	4.0
R12852	NDZ06209/R08516	52	31.4	32.0	43.0	98.0	2.0	51.7	5.0
R12858	R08512/SR9-5	58	31.4	34.1	42.0	100.0	1.7	53.7	5.0
S12908	PK9-4/S08410	82	31.3	36.1	44.0	98.0	2.3	49.3	4.7
R12843	SR9-5/R09508	43	31.0	34.0	50.0	99.0	2.3	53.3	4.7
R12866	R02085/SR9-2	66	31.0	35.3	43.0	96.0	2.7	48.7	4.0
R12844	SR9-5/R09508	44	30.9	35.4	47.0	100.0	1.3	56.0	4.7
R12828	R09505/NDZ06209	28	30.5	37.1	42.0	98.0	1.7	53.3	5.7
R12805	Merlot/NDZ06209	5	30.5	28.8	47.0	98.0	2.3	55.7	4.0
R12812	R06415/NDZ06209	12	30.4	37.6	44.0	101.0	3.3	44.7	3.7
R12802	Merlot/SR9-2	2	30.4	34.8	46.0	101.0	2.7	52.0	4.0
R12818	R08504/NDZ06249	18	30.3	32.6	45.0	98.0	1.7	52.3	5.3
R12840	SR9-5/R02072	40	30.2	32.3	43.0	100.0	1.7	55.0	4.3
R12807	Merlot/NDZ06209	7	29.9	36.3	44.0	96.0	2.3	47.7	4.3
R12820	R08504/NDZ06249	20	29.6	34.3	42.0	99.0	2.0	52.3	5.3
S12907	PK9-4/S08410	81	29.5	39.5	45.0	97.0	2.7	46.7	3.7

EXPERIMENT 2112 PRELIMINARY RED AND PINK YIELD TRIAL

PLANTED: 6/7/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
R12856	R08512/SR9-5	56	29.3	36.3	42.0	99.0	2.0	53.3	4.0
R12823	R08515/NDZ06249	23	29.1	33.1	42.0	101.0	2.7	50.0	5.3
R12842	SR9-5/R09508	42	29.0	26.4	50.0	101.0	2.0	57.0	4.7
R12819	R08504/NDZ06249	19	29.0	34.2	45.0	96.0	2.0	49.0	4.0
R12872	R02082/SR9-2	72	28.8	34.0	43.0	102.0	3.3	46.3	3.0
S12902	S08410//S07809/SER 26	76	28.8	33.5	49.0	102.0	3.0	48.7	3.3
R12841	SR9-5/R09508	41	28.8	28.4	49.0	98.0	2.3	52.0	5.7
R12826	R09505/NDZ06209	26	28.8	36.5	42.0	100.0	2.0	49.0	4.3
S00809	R94142/X94076, SEDONA	88	28.7	39.1	47.0	98.0	3.0	48.3	4.0
R12861	R02085/SR9-2	61	28.7	32.8	42.0	96.0	1.3	50.7	4.0
S12901	SR9-5/R02072	75	28.5	33.2	43.0	97.0	1.0	54.3	4.7
R12806	Merlot/NDZ06209	6	28.3	38.3	42.0	97.0	1.7	47.7	4.3
R12862	R02085/SR9-2	62	28.1	37.5	44.0	97.0	1.7	50.0	4.0
R12827	R09505/NDZ06209	27	28.0	36.1	41.0	98.0	2.0	49.3	4.7
R12835	SR9-5/Merlot	35	27.9	31.8	49.0	102.0	1.7	55.3	3.3
R12810	R06415/R09508	10	27.9	26.0	45.0	98.0	2.0	52.3	4.7
R12822	R08512/R09508	22	27.7	32.9	43.0	97.0	2.0	52.0	4.3
R12867	NDZ06209/R06413	67	27.7	30.6	43.0	97.0	1.7	48.7	4.0
R12825	R09505/NDZ06209	25	27.6	35.5	41.0	98.0	2.3	48.0	4.7
R12829	R09505/NDZ06209	29	27.5	34.9	41.0	96.0	1.7	49.7	5.0
R12863	R02085/SR9-2	63	27.5	37.0	44.0	96.0	1.7	51.7	4.0
R12815	R08504/NDZ06249	15	27.4	36.4	42.0	67.0	2.0	53.7	5.0
R12803	Merlot/NDZ06209	3	27.3	32.4	45.0	99.0	1.7	51.7	4.3
I10126	PS02-050-2	87	27.1	31.0	42.0	99.0	2.0	51.7	5.0
R12811	R06415/NDZ06209	11	27.0	31.2	43.0	96.0	2.0	45.7	3.7
R12838	SR9-5/R02072	38	26.5	33.2	45.0	103.0	1.7	56.0	3.7
R12848	NDZ06209/Merlot	48	26.5	36.6	50.0	100.0	3.0	47.7	3.3
R12831	SR9-2/R08516	31	26.4	35.5	42.0	96.0	3.0	48.3	3.3
R12868	NDZ06209/R06413	68	26.2	32.5	45.0	100.0	2.7	46.0	3.3
R12834	SR9-5/Merlot	34	26.1	38.9	49.0	103.0	2.0	53.0	3.7
R98026	R94037/R94161, MERLOT	86	25.9	37.5	48.0	103.0	3.0	49.3	3.7
R12847	NDZ06209/Merlot	47	25.8	34.7	49.0	102.0	3.7	46.0	3.0
R12816	R08504/NDZ06249	16	25.3	32.4	43.0	101.0	2.0	54.0	4.0
R12821	R08512/R09508	21	25.3	29.7	45.0	95.0	2.3	48.0	4.3
R12871	NDZ06249/R08516	71	25.2	30.1	50.0	101.0	2.7	52.3	4.3
R12854	NDZ06249/Merlot	54	25.0	30.4	51.0	103.0	1.7	56.0	4.0
R12809	R06415/R09508	9	23.9	24.9	46.0	96.0	2.0	53.3	4.3
R12817	R08504/NDZ06249	17	23.9	37.1	42.0	101.0	2.0	51.7	4.3
R12865	R02085/SR9-2	65	23.7	30.8	46.0	102.0	2.7	52.7	3.7
R12808	R06415/R09508	8	23.3	27.1	45.0	98.0	2.0	50.7	4.3
R12830	R09508/Merlot	30	23.0	32.9	53.0	104.0	2.7	47.3	2.7
R12836	SR9-5/Merlot	36	22.9	33.1	50.0	106.0	2.7	51.7	2.7
R12837	SR9-5/Merlot	37	22.2	37.2	50.0	105.0	2.0	53.7	3.7

EXPERIMENT 2112 PRELIMINARY RED AND PINK YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
I12308	Rojo Seda	90	17.4	25.2	46.0	102.0	3.0	47.0	3.3	
R12839	SR9-5/R02072	39	16.8	34.1	46.0	105.0	1.3	56.3	3.0	
R12870	NDZ06249/R09508	70	15.2	31.4	47.0	104.0	1.7	53.3	3.3	
R12869	NDZ06249/R09508	69	10.3	30.2	46.0	101.0	1.3	54.7	4.0	
MEAN (90)			29.1	33.8	44.6	98.7	2.2	51.0	4.3	
LSD (0.05)			4.1	2.5	0.7	8.6	0.5	2.3	0.8	
CV (%)			10.5	5.4	1.0	6.5	17.4	3.4	13.3	

EXPERIMENT 2113 PINTO GENETIC GAIN YIELD TRIAL							PLANTED: 6/7/12		
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
BC168	UI-196	12	35.7	38.0	44.0	98.0	4.7	43.7	3.0
BC300	Lariat	19	31.9	43.0	44.0	102.0	3.0	48.3	4.0
BC301	Stampede	18	31.7	41.9	43.0	99.0	2.0	52.0	5.0
BC016	Bill Z	8	31.3	37.1	41.0	95.0	5.0	41.3	3.0
BC177	UI-111	1	31.1	40.0	44.0	94.0	4.3	42.3	3.0
BC120	La Paz	20	31.0	36.4	46.0	101.0	2.0	52.7	5.0
BC021	Olathe	5	29.3	40.2	42.0	94.0	5.0	42.0	3.0
BC070	Sierra	4	29.1	35.5	50.0	103.0	3.3	47.0	4.0
BC167	UI-126	9	29.0	39.1	43.0	96.0	4.3	43.0	3.0
BC231	Othello	13	27.9	41.2	40.0	94.0	4.3	43.7	3.0
BC020	Montrose	15	27.2	37.8	44.0	98.0	5.0	41.0	3.0
BC299	Maverick	14	26.5	35.2	42.0	95.0	3.7	44.7	3.0
BC161	Common Pinto	3	26.2	36.6	43.0	93.0	5.0	41.0	3.0
BC178	UI-114	2	24.7	35.0	41.0	94.0	4.7	41.7	3.0
BC196	Chase	11	24.7	37.9	43.0	97.0	4.0	43.3	3.0
BC228	Nodak	10	23.9	34.9	40.0	94.0	4.3	41.3	3.0
BC115	Remington	7	23.0	33.1	41.0	96.0	3.0	47.7	3.7
BC110	Topaz	6	21.2	35.9	41.0	94.0	4.3	43.3	3.0
BC024	Croissant	17	20.5	31.3	44.0	104.0	3.0	48.3	4.0
BC386	Buster	16	13.7	30.0	42.0	103.0	3.3	47.7	4.0
MEAN (20)			27.0	37.0	42.7	97.3	3.9	44.8	3.4
LSD (0.05)			3.6	2.8	1.6	2.2	0.6	1.7	0.2
CV (%)			9.7	5.5	2.1	1.6	10.2	2.7	3.8

EXPERIMENT 2114 MRPN/CDBN YIELD TRIAL							PLANTED: 6/7/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LOGGING (1-5)	HEIGHT (cm)	DES. SCORE	
P07863	AN-37/P02630, ELDORADO	31	36.0	39.6	48.0	103.0	3.0	49.3	4.0	
P08161	MATTERHORN/EMP 507	32	33.9	35.3	48.0	101.0	2.5	51.4	4.0	
I11257	PT9-6	3	30.2	38.7	47.0	97.0	2.0	49.9	4.0	
I12310	CO 90848-11	19	29.9	39.7	49.0	100.0	1.5	54.0	4.5	
S08418	S02754/S04503, ROSETTA	9	29.1	33.5	48.0	96.0	2.0	53.6	6.0	
I12315	CO 91160-11	24	28.6	36.6	48.0	99.0	3.0	47.1	4.0	
I12307	ISB-24	8	28.5	38.6	47.0	95.0	3.0	47.2	3.5	
I12324	NE2-11-22	40	27.9	41.5	48.0	102.0	3.5	47.7	3.5	
I09205	PK9-4	10	27.7	39.1	47.0	95.0	2.5	46.7	3.0	
G11464	G07309//G07302/BMN13	37	27.0	43.5	47.0	99.0	2.0	51.2	4.5	
I12309	UCD-9634	11	26.9	29.9	50.0	101.0	3.0	47.8	3.5	
I11260	ND020351-R (STAMPEDE-R)	4	26.6	38.7	48.0	100.0	2.0	53.3	4.5	
P11522	P04203/P06125	33	26.3	36.8	48.0	97.0	1.0	51.7	6.0	
G09303	G04207/P05437	34	26.2	31.4	47.0	101.0	2.0	51.1	4.0	
G93414	MATTERHORN	17	26.1	34.4	48.0	97.0	2.0	47.7	4.0	
I12314	CO 91137-03	23	25.9	39.2	47.0	97.0	2.0	47.6	4.0	
I11273	GN9-1	15	25.8	37.4	49.0	104.0	4.0	43.0	3.0	
I12317	ND080208	26	25.8	36.9	49.0	104.0	3.0	45.6	3.0	
I12313	CO 91007-11	22	25.5	35.3	50.0	101.0	4.0	46.9	3.5	
I84002	NW410//VICTOR/AURORA, OTHELLO	1	25.5	37.2	48.0	93.0	5.0	40.8	3.0	
G08254	G04514/Matterhorn	35	25.0	34.7	48.0	98.0	2.0	51.3	4.5	
I12323	NE1-11-20	39	24.9	33.8	49.0	102.0	4.0	43.6	3.0	
I12316	CO 91212-10	25	24.8	35.3	47.0	101.0	2.0	50.6	4.5	
I12325	NE2-11-24	41	24.8	46.5	47.0	101.0	3.5	46.4	3.5	
I12322	NE1-11-19	38	24.6	35.7	49.0	103.0	3.0	49.0	3.5	
I11221	SR10-20	13	24.6	34.0	48.0	100.0	2.0	51.7	4.5	
I11238	ND090713	30	24.3	39.4	47.0	100.0	2.0	49.9	4.0	
I12311	CO 90848-14	20	23.7	38.2	47.0	95.0	2.0	48.9	4.0	
I12312	CO 91003-13	21	23.6	35.1	50.0	101.0	3.0	46.4	3.5	
I98313	CO51715, MONTROSE	18	23.3	37.0	48.0	97.0	5.0	39.8	2.5	
I09109	CO55646, LONG'S PEAK	2	23.3	37.2	49.0	101.0	2.0	54.7	5.5	
G11404	G05220//G04207/P05437	36	23.2	34.4	48.0	102.0	2.5	49.2	3.5	
I10112	ND080213	27	22.8	40.1	47.0	96.0	3.0	47.2	3.5	
I12306	ISB-18	7	22.7	36.6	48.0	102.0	3.5	43.2	2.5	
I09208	NDZ06249, RIO ROJO	12	22.6	29.6	47.0	98.0	2.0	47.2	4.0	
I10113	ND080412	29	22.3	32.1	48.0	102.0	3.0	47.8	3.5	
I12305	ISB-16	6	21.6	37.4	47.0	94.0	2.5	45.8	3.0	
I12304	ISB-11	5	21.3	32.9	48.0	103.0	4.0	45.4	2.5	
C06808	I01800/C03129, BELLAGIO	42	20.0	55.6	48.0	101.0	3.0	46.4	4.0	
I12318	NDZ06219	28	20.0	37.3	49.0	96.0	1.0	52.0	3.5	
I07142	NE-1-06-12, COYNE	14	19.6	34.5	48.0	101.0	3.0	48.4	3.5	
I99117	BUSTER	16	16.1	32.4	48.0	96.0	2.5	46.8	4.0	
MEAN (42)		0	25.2	37.0	48.0	99.3	2.7	48.2	3.8	
LSD (0.05)		0	3.6	3.1	1.0	2.0	0.7	2.2	0.2	
CV (%)		0	10.6	6.1	1.2	1.2	14.6	2.7	3.6	

EXPERIMENT 2115 IRRIGATED DROUGHT YIELD TRIAL						PLANTED: 6/12/12					
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX
BC234	PT7-2	67	34.1	40.0	44.0	100.0	3.0	48.3	3.0	2.8	50.9
BC286	A285	78	32.7	20.8	45.0	102.0	4.0	41.7	3.0	4.3	39.1
BC387	Medicine Hat	96	32.4	42.3	41.0	95.0	2.0	46.7	3.7	2.8	49.2
BC120	La Paz	34	32.0	36.5	45.0	97.0	2.0	58.3	4.0	3.7	40.1
BC386	Buster	95	31.5	37.4	44.0	95.0	3.0	43.3	3.0	3.1	45.4
BC028	PR 0340-3-3-1	79	31.0	28.3	45.0	98.0	2.7	55.0	4.0	3.2	43.4
BC300	Lariat	86	31.0	40.8	44.0	100.0	3.0	51.7	4.3	3.7	37.9
BC093	Merlot	28	30.9	37.5	44.0	97.0	2.7	58.3	5.3	3.8	39.9
BC070	Sierra	20	30.1	32.6	47.0	108.0	4.3	38.3	1.0	3.8	35.1
BC062	Domino	17	30.1	19.1	45.0	95.0	2.3	55.0	4.0	3.4	41.8
BC358	Orion	93	30.0	32.9	39.0	95.0	3.3	40.0	3.0	2.7	48.6
BC016	Bill Z	2	29.8	35.3	41.0	96.0	5.0	21.7	1.0	3.0	44.8
BC302	ND-307	88	29.7	40.1	40.0	97.0	3.0	41.7	3.0	3.7	41.6
BC299	Maverick	85	29.6	38.1	40.0	95.0	4.3	35.0	2.0	3.1	42.9
BC080	Matterhorn	23	29.5	36.3	36.0	95.0	3.7	46.7	3.3	2.6	50.6
BC216	I9365-31	61	29.3	25.2	44.0	68.0	4.3	36.7	1.7	3.1	43.0
BC124	Shania	35	29.1	20.5	45.0	102.0	2.3	61.7	3.7	3.1	37.1
BC020	Montrose	4	29.0	39.2	45.0	95.0	3.7	18.3	1.0	2.3	50.7
BC099	S08418, ROSETTA	54	28.9	32.5	44.0	96.0	2.3	50.0	3.7	2.7	47.7
BC296	GN9-4	82	28.9	38.2	45.0	96.0	2.3	51.7	4.0	3.0	45.5
BC222	Quincy	62	28.8	40.6	44.0	98.0	4.7	30.0	1.0	3.1	41.8
BC243	USRM-20	71	28.8	41.5	44.0	98.0	4.7	36.7	1.7	3.2	39.0
BC232	NW-590	66	28.5	32.8	45.0	101.0	5.0	25.0	1.0	3.0	39.7
BC079	Kodiak	22	28.4	43.4	44.0	95.0	4.0	33.3	2.3	2.9	48.1
BC075	Raven	21	28.3	18.7	45.0	95.0	1.0	65.0	5.3	3.4	39.0
BC290	BAT 477	80	28.1	24.2	45.0	97.0	4.0	26.7	1.7	3.0	40.2
BC196	Chase	58	28.1	35.5	43.0	95.0	5.0	23.3	1.0	3.2	40.7
BC068	Mayflower	19	28.1	21.2	45.0	98.0	1.0	60.0	5.0	3.1	38.5
BC038	CENTA Pupil	12	27.8	23.2	45.0	95.0	1.7	51.7	3.7	2.9	43.5
BC091	P07863, ELDORADO	3	27.7	39.7	42.0	107.0	3.7	48.3	2.0	3.8	35.1
BC088	Zorro	25	27.6	20.0	45.0	95.0	1.3	65.0	5.3	3.3	41.6
BC267	Victor	73	27.6	33.9	45.0	103.0	5.0	26.7	1.0	4.6	28.0
BC192	Weihing	55	27.6	35.8	39.0	97.0	3.3	38.3	2.3	2.9	40.1
BC133	Medalist	38	27.6	19.1	43.0	98.0	2.0	63.3	5.3	3.3	40.5
BC281	Gloria	77	27.4	35.0	46.0	102.0	5.0	28.3	1.0	3.3	36.1
BC041	Aifi Wuriti	13	27.4	24.1	45.0	95.0	3.0	51.7	3.3	3.0	42.4
BC142	ROG 312	42	27.3	33.4	41.0	95.0	5.0	21.7	1.0	2.6	46.8
BC307	Eclipse	90	27.2	20.8	45.0	95.0	1.0	55.0	5.0	2.5	46.9
BC066	C-20	18	27.1	20.4	46.0	107.0	3.7	48.3	2.7	4.0	33.8
BC104	115M (Black Rhino)	30	27.0	21.9	45.0	102.0	3.0	40.0	2.0	3.4	39.4

EXPERIMENT 2115 IRRIGATED DROUGHT YIELD TRIAL

PLANTED: 6/12/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX
BC170	UI-239	49	26.9	33.7	38.0	100.0	5.0	23.3	1.0	3.6	38.6
BC236	USPT-CBB-1	68	26.7	37.2	45.0	98.0	3.3	53.3	3.3	3.0	40.8
BC131	Pink Floyd	37	26.5	35.1	36.0	95.0	5.0	21.7	1.0	2.5	48.8
BC239	USPT-CBB-5	69	26.5	33.2	36.0	95.0	4.3	26.7	1.3	2.7	41.7
BC024	Croissant	7	26.3	33.1	47.0	98.0	3.7	50.0	3.0	2.5	44.4
BC375	Yolano	94	26.2	32.9	41.0	95.0	5.0	23.3	1.0	2.8	43.6
BC297	GN9-1	83	26.2	40.4	44.0	103.0	4.7	36.7	1.0	3.6	35.0
BC026	DOR 364	8	26.1	23.0	45.0	95.0	3.0	45.0	4.3	2.8	43.6
BC089	Santa Fe	26	26.1	41.6	38.0	97.0	3.7	41.7	3.0	2.9	43.3
BC161	Common Pinto	45	26.0	34.6	42.0	96.0	5.0	21.7	1.0	2.8	41.6
BC291	SEA 10	81	25.9	35.4	41.0	98.0	5.0	21.7	1.0	3.0	42.3
BC195	ABCP-8	57	25.8	34.5	45.0	102.0	5.0	21.7	1.0	3.3	37.9
BC204	NE2-09-3	59	25.8	42.2	44.0	98.0	3.7	36.7	2.0	2.7	40.4
BC178	UI-114	52	25.8	35.9	45.0	95.0	5.0	21.7	1.0	3.0	45.3
BC160	UI-537	44	25.8	38.0	35.0	95.0	5.0	21.7	1.0	3.1	44.4
BC109	Poncho	31	25.5	36.1	43.0	95.0	5.0	21.7	1.0	2.6	46.8
BC022	Shiny Crow	5	25.3	21.7	45.0	98.0	4.3	26.7	1.7	2.8	37.4
BC094	Sedona	29	25.1	37.5	45.0	95.0	4.0	45.0	3.3	2.8	39.8
BC048	F07-449-9-3	14	24.9	28.3	45.0	98.0	1.3	61.7	4.7	2.7	44.7
BC280	Harold	76	24.9	33.4	45.0	110.0	5.0	38.3	1.0	5.0	24.5
BC007	BelNeb-RR-1	1	24.7	36.2	37.0	96.0	5.0	23.3	1.0	2.6	45.0
BC164	Kimberly	47	24.7	35.1	44.0	96.0	4.3	23.3	1.3	2.5	44.0
BC279	Roza	75	24.7	33.8	48.0	105.0	5.0	28.3	1.0	3.0	32.2
BC138	Marquis	41	24.6	32.5	41.0	96.0	5.0	28.3	1.0	2.9	39.0
BC162	Common Red Mexican	46	24.6	34.6	44.0	103.0	5.0	26.7	1.0	3.3	36.1
BC228	Nodak	64	24.6	34.2	37.0	95.0	5.0	25.0	1.0	2.7	45.6
BC127	Schooner	36	24.3	18.0	43.0	98.0	4.3	36.7	2.0	2.9	39.1
BC278	Viva	74	24.3	30.1	45.0	115.0	5.0	30.0	1.0	5.1	24.2
BC134	Navigator	39	24.0	21.7	45.0	95.0	1.0	65.0	5.3	2.7	42.8
BC231	Othello	65	23.9	36.6	43.0	95.0	5.0	20.0	1.0	2.5	47.1
I08959	SER16 (CIAT)	6	23.8	24.4	44.0	95.0	3.7	35.0	2.3	2.7	37.1
BC301	Stampede	87	23.8	36.7	44.0	95.0	2.0	48.3	4.3	2.6	44.4
BC111	Buckskin	33	23.8	38.1	43.0	95.0	5.0	23.3	1.0	2.7	41.7
BC306	Avalanche	89	23.7	20.6	44.0	97.0	2.3	56.7	4.0	2.9	36.4
BC242	NW-63	70	23.6	34.5	44.0	108.0	5.0	25.0	1.0	3.2	34.8
BC085	Jaguar	24	23.4	18.8	45.0	95.0	2.0	53.3	5.0	3.0	41.6
BC174	US-1140	50	23.3	34.2	36.0	95.0	5.0	21.7	1.0	2.8	43.2
BC033	PR 0443-151	10	23.3	19.5	45.0	99.0	3.0	46.7	3.3	3.3	34.3
BC194	Coyne	56	23.1	37.1	45.0	98.0	2.7	50.0	3.3	3.1	34.7
BC357	Gemini	92	23.0	30.4	35.0	97.0	4.7	31.7	1.3	3.4	33.6

EXPERIMENT 2115 IRRIGATED DROUGHT YIELD TRIAL						PLANTED: 6/12/12					
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		INDEX
BC329	CDC Crocus	91	22.4	36.6	35.0	95.0	5.0	21.7	1.0	2.0	45.9
BC053	F04-2801-4-1-2	15	22.3	21.7	44.0	95.0	1.7	56.7	3.7	2.5	43.8
BC092	T-39	27	21.8	20.5	45.0	95.0	3.3	36.7	2.7	2.5	42.4
BC056	Seafarer	16	21.7	19.2	42.0	99.0	3.0	51.7	3.3	3.2	34.9
BC145	Midnight	43	21.6	18.9	47.0	99.0	2.7	50.0	3.0	2.8	32.2
BC272	Indeterminate Jamaica Red	72	21.6	37.4	45.0	95.0	3.0	45.0	2.3	2.0	44.6
BC176	UI-59	51	21.5	31.9	45.0	95.0	5.0	21.7	1.0	2.2	41.7
BC298	PT9-17	84	21.1	38.5	44.0	98.0	4.0	36.7	2.3	2.1	45.5
BC037	IBC 301-204	11	20.9	25.6	44.0	95.0	3.3	33.3	2.3	1.9	42.1
BC110	Topaz	32	20.5	35.9	35.0	95.0	5.0	35.0	1.3	2.1	44.7
BC215	A-55	60	20.3	26.5	49.0	112.0	1.3	70.0	3.3	4.0	23.3
BC179	UI-425	53	20.3	34.0	37.0	100.0	5.0	23.3	1.0	2.5	35.0
I11207	SER48 (CIAT)	48	20.1	35.6	43.0	95.0	3.3	55.0	4.0	2.2	40.1
BC137	Beryl R	40	19.6	28.9	41.0	102.0	4.7	30.0	1.0	2.6	34.4
BC031	Verano	9	17.3	23.6	44.0	99.0	2.7	40.0	2.7	1.7	42.1
BC224	TARS-VCI-4B	63	16.3	22.8	0.0	77.0	4.7	33.3	1.0	3.3	24.8
MEAN (96)			26.0	31.4	42.3	97.5	3.7	38.9	2.4	3.0	40.6
LSD (0.05)			3.9	1.9	3.1	12.2	0.9	10.3	0.9	0.7	5.2
CV (%)			11.2	4.5	4.4	9.3	17.7	19.6	28.7	18.1	9.4

EXPERIMENT 2116 NON-IRRIGATED DROUGHT YIELD TRIAL

PLANTED: 6/12/12

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		INDEX
BC028	PR 0340-3-3-1	79	36.7	28.2	47.0	97.0	1.7	55.0	4.3	3.8	46.7
BC234	PT7-2	67	36.6	40.9	44.0	95.0	3.0	48.3	3.3	3.5	49.8
BC387	Medicine Hat	96	35.7	42.3	42.0	95.0	3.3	43.3	3.3	2.9	50.1
BC216	I9365-31	61	35.4	26.4	45.0	102.0	3.7	40.0	2.3	4.2	37.8
BC091	P07863, ELDORADO	3	34.9	41.9	45.0	98.0	1.7	58.3	4.3	4.2	35.6
BC302	ND-307	88	33.7	40.1	40.0	97.0	2.7	48.3	3.3	3.4	42.6
BC079	Kodiak	22	33.5	43.0	42.0	95.0	3.3	35.0	2.3	3.0	48.6
BC232	NW-590	66	33.4	36.1	44.0	104.0	5.0	28.3	1.0	4.4	34.7
BC104	115M (Black Rhino)	30	33.2	23.0	45.0	103.0	4.0	41.7	2.3	3.9	40.9
BC120	La Paz	34	32.8	38.3	43.0	95.0	2.0	58.3	4.3	3.3	42.6
BC300	Lariat	86	31.9	43.8	44.0	100.0	3.0	45.0	3.7	3.8	38.8
BC358	Orion	93	31.8	35.0	41.0	95.0	3.3	41.7	2.7	3.0	44.7
BC124	Shania	35	31.8	20.3	45.0	95.0	1.7	50.0	4.3	3.7	37.2
BC236	USPT-CBB-1	68	31.7	39.8	45.0	96.0	4.0	48.3	3.0	3.2	41.7
BC231	Othello	65	31.6	36.8	37.0	95.0	5.0	25.0	1.0	2.8	48.1
BC062	Domino	17	31.2	19.2	46.0	95.0	1.7	58.3	5.0	3.1	43.4
BC080	Matterhorn	23	31.1	37.6	37.0	95.0	3.0	43.3	4.0	3.0	46.5
BC386	Buster	95	31.0	37.8	41.0	95.0	4.0	31.7	2.3	3.0	46.0
BC286	A285	78	30.8	22.8	45.0	98.0	4.0	45.0	2.3	3.1	42.9
BC301	Stampede	87	30.4	39.7	44.0	97.0	1.0	61.7	4.7	2.7	43.8
BC093	Merlot	28	30.4	39.8	45.0	98.0	2.7	48.3	4.0	4.1	37.0
BC297	GN9-1	83	30.2	43.0	44.0	100.0	4.7	38.3	1.3	3.8	38.2
BC094	Sedona	29	30.0	41.6	45.0	95.0	3.0	38.3	3.0	3.4	38.9
BC222	Quincy	62	30.0	42.1	43.0	98.0	5.0	25.0	1.0	3.2	43.8
BC066	C-20	18	29.9	20.0	45.0	101.0	3.3	41.7	3.7	4.1	35.4
BC131	Pink Floyd	37	29.8	37.4	36.0	95.0	5.0	28.3	1.0	2.8	48.9
BC142	ROG 312	42	29.4	37.1	38.0	96.0	5.0	26.7	1.0	3.0	45.0
BC307	Eclipse	90	29.4	21.0	43.0	95.0	1.0	51.7	5.7	3.1	43.8
BC088	Zorro	25	29.4	20.7	45.0	95.0	1.7	51.7	4.7	3.1	44.2
BC026	DOR 364	8	29.4	23.7	44.0	96.0	2.0	51.7	3.3	2.9	45.8
BC298	PT9-17	84	29.3	38.1	42.0	95.0	4.0	38.3	1.7	2.6	45.5
BC306	Avalanche	89	29.3	22.2	41.0	95.0	1.3	58.3	5.0	3.0	41.8
BC243	USRM-20	71	29.0	41.2	42.0	96.0	4.0	35.0	1.3	3.0	46.3
BC196	Chase	58	28.8	38.0	43.0	95.0	5.0	25.0	1.0	2.7	44.5
BC162	Common Red Mexican	46	28.7	35.2	43.0	103.0	5.0	28.3	1.0	3.2	37.2
BC290	BAT 477	80	28.4	26.3	41.0	100.0	3.3	36.7	2.0	2.7	43.1
BC215	A-55	60	28.3	27.0	46.0	112.0	1.3	68.3	4.0	4.7	27.1
BC138	Marquis	41	28.3	33.5	42.0	98.0	5.0	31.7	1.3	3.0	41.1
BC089	Santa Fe	26	28.2	44.3	39.0	95.0	3.7	35.0	2.3	2.8	43.3
BC020	Montrose	4	28.1	39.1	44.0	95.0	5.0	20.0	1.0	2.2	51.6

EXPERIMENT 2116 NON-IRRIGATED DROUGHT YIELD TRIAL						PLANTED: 6/12/12					
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX
BC048	F07-449-9-3	14	28.1	28.2	45.0	95.0	1.7	58.3	4.7	2.9	43.6
BC299	Maverick	85	28.1	39.8	42.0	95.0	3.3	35.0	1.0	2.7	43.2
BC024	Croissant	7	27.9	34.5	46.0	95.0	3.0	45.0	3.3	3.0	43.5
BC296	GN9-4	82	27.8	39.7	42.0	95.0	2.3	51.7	4.0	3.0	45.5
BC280	Harold	76	27.7	35.9	45.0	107.0	5.0	31.7	1.0	5.5	22.8
BC092	T-39	27	27.7	21.1	44.0	95.0	4.0	35.0	2.3	2.5	47.6
BC161	Common Pinto	45	27.6	36.9	43.0	95.0	5.0	21.7	1.0	3.0	43.6
BC133	Medalist	38	27.4	19.6	42.0	97.0	3.3	45.0	4.0	3.7	38.7
BC160	UI-537	44	27.3	40.6	36.0	95.0	5.0	20.0	1.0	2.5	48.1
BC174	US-1140	50	27.3	38.4	36.0	96.0	5.0	21.7	1.0	2.5	47.5
BC204	NE2-09-3	59	27.2	43.1	41.0	97.0	3.0	38.3	2.0	2.7	40.7
BC070	Sierra	20	27.0	35.3	43.0	101.0	4.0	41.7	1.7	3.8	31.5
BC022	Shiny Crow	5	26.9	21.7	43.0	95.0	5.0	31.7	1.0	2.5	43.4
BC007	BelNeb-RR-1	1	26.9	38.8	38.0	95.0	5.0	18.3	1.0	2.6	46.7
BC192	Weihing	55	26.8	44.2	41.0	97.0	3.7	38.3	2.7	3.0	38.1
BC291	SEA 10	81	26.8	35.1	40.0	97.0	5.0	23.3	1.0	2.6	42.6
BC357	Gemini	92	26.7	35.8	35.0	96.0	4.7	31.7	1.3	2.7	41.3
BC075	Raven	21	26.6	18.8	45.0	95.0	1.3	61.7	6.0	2.8	42.1
BC242	NW-63	70	26.5	33.4	43.0	105.0	5.0	25.0	1.0	3.7	34.0
BC228	Nodak	64	26.5	37.0	36.0	95.0	5.0	25.0	1.0	2.8	44.2
BC041	Aifi Wuriti	13	26.5	24.4	43.0	95.0	2.0	48.3	3.3	2.7	43.5
BC099	S08418, ROSETTA	54	26.5	38.8	43.0	95.0	2.3	51.7	3.7	2.4	47.6
BC145	Midnight	43	26.2	20.3	48.0	97.0	1.7	45.0	4.3	3.1	37.3
BC170	UI-239	49	26.1	33.7	42.0	97.0	5.0	21.7	1.0	2.8	39.5
BC085	Jaguar	24	25.9	19.0	43.0	95.0	1.0	55.0	4.7	2.5	44.7
BC375	Yolano	94	25.8	32.7	40.0	95.0	4.7	31.7	1.0	2.4	44.7
BC278	Viva	74	25.5	32.0	45.0	112.0	5.0	25.0	1.0	5.9	20.1
BC137	Beryl R	40	25.3	32.2	38.0	98.0	4.7	28.3	1.0	2.8	44.0
BC068	Mayflower	19	25.2	21.7	43.0	95.0	1.0	63.3	5.7	2.8	41.2
BC110	Topaz	32	25.1	38.0	36.0	95.0	4.3	33.3	2.0	2.4	45.5
I08959	SER16 (CIAT)	6	24.9	26.6	41.0	95.0	3.7	38.3	2.7	2.4	45.9
BC267	Victor	73	24.8	36.4	42.0	101.0	4.7	25.0	1.0	4.2	30.4
BC239	USPT-CBB-5	69	24.4	34.1	36.0	95.0	4.7	25.0	1.3	2.2	47.0
BC195	ABCP-8	57	24.3	33.4	0.0	103.0	4.7	28.3	1.0	2.9	37.8
BC164	Kimberly	47	24.1	36.0	43.0	95.0	4.7	30.0	1.7	2.1	45.2
BC176	UI-59	51	24.1	39.1	44.0	95.0	5.0	23.3	1.0	2.6	44.3
BC053	F04-2801-4-1-2	15	23.9	23.5	42.0	95.0	1.0	48.3	4.3	2.4	45.5
BC038	CENTA Pupil	12	23.9	24.1	43.0	95.0	1.7	43.3	3.7	2.1	47.6
BC056	Seafarer	16	23.9	20.4	41.0	98.0	2.3	45.0	3.3	2.9	39.2
BC134	Navigator	39	23.7	21.4	42.0	95.0	1.0	55.0	5.0	2.6	40.5

EXPERIMENT 2116 NON-IRRIGATED DROUGHT YIELD TRIAL						PLANTED: 6/12/12					
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		INDEX
BC111	Buckskin	33	23.6	40.7	38.0	95.0	5.0	18.3	1.0	2.6	43.4
BC127	Schooner	36	23.3	20.4	38.0	101.0	4.3	33.3	1.3	3.0	37.3
BC329	CDC Crocus	91	23.2	46.2	35.0	95.0	5.0	25.0	1.0	2.3	45.5
BC194	Coyne	56	23.1	42.0	43.0	96.0	4.0	28.3	2.0	2.9	37.7
BC016	Bill Z	2	22.8	37.4	40.0	95.0	5.0	21.7	1.0	2.4	43.2
BC272	Indeterminate Jamaica Red	72	22.1	44.0	45.0	95.0	4.0	33.3	2.7	2.5	42.5
BC109	Poncho	31	21.3	40.0	42.0	95.0	5.0	18.3	1.0	2.0	39.9
BC224	TARS-VCI-4B	63	21.1	24.3	0.0	108.0	5.0	26.7	1.0	3.7	25.8
BC033	PR 0443-151	10	20.8	19.9	48.0	97.0	2.7	55.0	3.0	3.2	29.6
BC037	IBC 301-204	11	20.5	25.5	43.0	95.0	3.3	41.7	2.7	2.0	45.9
BC178	UI-114	52	20.5	36.8	44.0	95.0	5.0	18.3	1.0	2.0	39.3
BC031	Verano	9	19.6	23.5	45.0	98.0	2.3	48.3	3.3	1.8	40.8
BC179	UI-425	53	19.2	42.3	40.0	103.0	5.0	23.3	1.0	3.1	29.8
BC279	Roza	75	18.7	41.6	49.0	102.0	5.0	28.3	1.0	3.8	23.3
I11207	SER48 (CIAT)	48	18.5	34.9	39.0	95.0	2.0	41.7	3.3	2.2	38.9
BC281	Gloria	77	14.2	36.2	45.0	98.0	5.0	26.7	1.0	2.0	37.5
MEAN (96)			27.3	33.2	41.1	97.2	3.6	37.9	2.5	3.0	41.3
LSD (0.05)			4.0	1.9	2.7	3.9	0.9	8.7	0.9	0.7	4.9
CV (%)			10.9	4.2	3.9	3.0	17.5	16.9	28.1	17.2	8.7

EXPERIMENT 2917 ORGANIC YIELD TRIAL-FINDLAY				PLANTED: 6/12/12		
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY
N11226	N05311*/B05044	6	24.9	17.7	49.0	92.0
B11302	N05311//B05055/B05053	34	23.1	21.9	47.0	90.0
N11256	N07009/MEDALIST	13	21.7	18.3	48.0	89.0
N11228	N05311//N07009/N05324	7	20.3	16.7	49.0	89.0
I07116	T-39/Midnight, SHANIA	36	20.3	18.6	48.0	91.0
N11258	N07009/MEDALIST	2	19.2	18.3	49.0	89.0
B11375	B07104/B04391	32	18.8	21.5	48.0	88.0
B11361	B04644/B05066	33	18.6	17.3	47.0	85.0
N11257	N07009/MEDALIST	14	18.2	17.9	50.0	91.0
B09197	B05055/B04588	23	17.8	18.6	48.0	87.0
N11283	MEDALIST/N08003	1	17.6	19.4	48.0	89.0
B10244	B04610/N05346	20	17.5	22.3	48.0	95.0
B04554	B00103*/X00822, ZORRO	35	16.8	18.6	48.0	85.0
N09020	N05319/B04316	10	16.6	19.6	48.0	86.0
N11284	MEDALIST/N08003	12	16.4	19.8	48.0	86.0
B09175	N05311/B05055	19	16.1	23.6	48.0	85.0
N11225	N05311*/B05044	5	16.1	18.9	49.0	90.0
B11588	I82054/B07554	25	15.8	21.7	48.0	88.0
B11334	N07009//B04349/B05044	31	15.8	16.7	48.0	86.0
N11298	MEDALIST//B05054/B04588	3	15.8	17.4	49.0	86.0
B11519	I82054/B07554	27	15.3	19.8	55.0	94.0
N11216	N04158/B04265	4	14.8	21.3	48.0	90.0
N11292	N08006/MEDALIST	15	14.0	17.8	50.0	90.0
I92002	C-20*3//GTS-0801/Seafarer, VISTA	16	14.0	18.9	48.0	87.0
N11232	N05311//BMD12/B04587	9	13.7	16.6	48.0	88.0
B09204	B05054/B04588	22	12.9	21.2	47.0	86.0
N09034	B05055/B05070	11	12.9	21.2	48.0	87.0
B09199	B05055/B04587	21	12.2	19.9	48.0	88.0
N11202	N05324//N04109/N04158	8	11.7	24.4	48.0	89.0
I08958	Mayflower/Avanti, MEDALIST	17	11.0	18.3	47.0	87.0
B10243	B04610/N05346	28	10.3	16.2	51.0	91.0
B11363	B04644/B07554	30	10.1	18.8	48.0	87.0
I07112	R99 NO NOD	18	8.2	17.9	48.0	91.0
B11343	B07554//ZORRO/B05044	29	7.9	19.7	48.0	89.0
B11611	I82054/B07554	24	4.7	20.9	51.0	90.0
B11552	I82054/B07554	26	4.2	21.5	56.0	95.0
MEAN (36)			15.1	19.4	48.5	88.5
LSD (0.05)			4.3	2.0	1.4	3.6
CV (%)			20.8	6.2	1.7	2.4

EXPERIMENT 2018 ORGANIC YIELD TRIAL-SATTELBERG

PLANTED: 6/15/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	CBB (1-5)
B11361	B04644/B05066	33	18.1	19.0	45.0	88.0	2.0	52.5	5.5	1.0
B11302	N05311//B05055/B05053	34	17.1	20.7	49.0	90.0	1.0	60.0	5.5	0.5
B09175	N05311/B05055	19	16.7	22.9	50.0	91.0	2.0	52.5	3.0	0.0
N11284	MEDALIST/N08003	12	16.3	18.9	46.0	87.0	2.0	55.0	4.0	2.0
B11375	B07104/B04391	32	16.0	19.6	45.0	86.0	1.5	50.0	5.0	3.0
N11283	MEDALIST/N08003	1	16.0	18.8	49.0	88.0	2.0	60.0	4.5	3.5
B09197	B05055/B04588	23	15.8	19.4	45.0	90.0	1.5	47.5	4.0	0.0
I92002	C-20*3//GTS-0801/Seafarer, VISTA	16	14.8	19.4	48.0	86.0	2.5	55.0	4.5	1.5
B09199	B05055/B04587	21	14.8	22.1	45.0	90.0	3.0	37.5	2.0	2.0
B11334	N07009//B04349/B05044	31	14.8	17.6	46.0	87.0	1.0	50.0	5.0	1.0
B09204	B05054/B04588	22	14.7	20.6	49.0	89.0	2.0	37.5	3.5	0.0
N09034	B05055/B05070	11	14.7	20.1	45.0	86.0	1.5	47.5	5.0	0.0
N11228	N05311//N07009/N05324	7	14.6	15.5	48.0	88.0	2.5	55.0	3.5	2.5
N11232	N05311//BMD12/B04587	9	14.4	17.3	48.0	90.0	1.0	55.0	4.5	3.0
N11258	N07009/MEDALIST	2	14.2	18.0	49.0	91.0	1.5	60.0	5.0	0.0
N11202	N05324//N04109/N04158	8	14.2	23.5	46.0	90.0	1.5	55.0	4.5	0.5
N11216	N04158/B04265	4	14.2	21.4	47.0	97.0	2.5	60.0	2.5	1.0
I08958	Mayflower/Avanti, MEDALIST	17	14.1	19.6	47.0	90.0	2.5	65.0	4.0	2.5
N09020	N05319/B04316	10	13.7	18.7	46.0	89.0	1.0	70.0	5.5	0.0
B10244	B04610/N05346	20	13.5	20.1	48.0	92.0	2.0	55.0	3.5	2.5
I07116	T-39/Midnight, SHANIA	36	12.9	18.6	49.0	94.0	1.0	60.0	3.5	5.0
N11256	N07009/MEDALIST	13	12.9	17.8	49.0	89.0	2.0	55.0	3.5	1.5
B11588	I82054/B07554	25	12.5	21.2	49.0	91.0	2.0	50.0	4.0	4.0
B11343	B07554//ZORRO/B05044	29	12.3	17.6	49.0	86.0	1.5	47.5	4.5	2.5
N11257	N07009/MEDALIST	14	12.2	18.2	50.0	97.0	2.0	60.0	3.0	2.0
B11363	B04644/B07554	30	11.9	19.8	47.0	90.0	1.5	52.5	4.5	2.0
N11298	MEDALIST//B05054/B04588	3	11.6	17.6	50.0	88.0	1.5	50.0	5.0	3.0
B04554	B00103*/X00822, ZORRO	35	11.3	18.5	50.0	88.0	1.0	52.5	5.5	3.0
N11225	N05311*/B05044	5	11.2	19.9	49.0	93.0	2.0	57.5	4.0	1.5
B11519	I82054/B07554	27	10.9	18.4	55.0	97.0	2.0	55.0	2.0	3.0
N11226	N05311*/B05044	6	10.9	18.7	49.0	94.0	2.0	62.5	4.0	3.0
N11292	N08006/MEDALIST	15	10.3	16.2	48.0	90.0	1.5	50.0	4.0	4.0
B11611	I82054/B07554	24	9.8	20.9	52.0	93.0	2.0	65.0	2.5	3.5
I07112	R99 NO NOD	18	9.2	19.4	45.0	92.0	2.0	60.0	3.5	2.0
B10243	B04610/N05346	28	9.0	17.2	49.0	93.0	1.0	50.0	3.0	3.5
B11552	I82054/B07554	26	6.1	22.7	56.0	99.0	2.5	60.0	1.5	1.0
MEAN (36)			13.3	19.3	48.0	90.3	1.8	54.7	4.0	2.0
LSD (0.05)			2.8	1.1	1.9	4.4	1.1	13.3	1.8	2.0
CV (%)			18.2	4.7	2.3	2.9	36.6	14.4	26.6	58.8

EXPERIMENT 2219 STANDARD KIDNEY YIELD TRIAL

PLANTED: 6/13/12

NAME	PEDIGREE	ENTRY	YIELD CWT 100 SEED		DAYS TO DAYS TO		LODGING HEIGHT	DES. SCORE	CBB (1-5)	
			/ACRE	WT. (g)	FLOWER	MATURIT\				(1-5)
K11914	K04604/USWK-CBB-17	2	40.6	60.1	39.0	94.0	1.0	45.7	5.0	3.3
K11916	K04607/USWK-CBB-17	8	38.2	55.2	38.0	94.0	1.0	44.7	5.0	1.0
K11320	K08222/CORNELL603	49	37.7	44.5	40.0	93.0	1.0	44.7	5.0	1.7
K11909	K06940/USWK-CBB-17	21	37.6	45.8	39.0	94.0	1.0	47.0	5.7	1.0
K11919	K04607/USWK-CBB-17	35	36.3	52.8	38.0	94.0	1.0	44.7	5.3	1.0
K08961	K04604/USDK-CBB-15, SNOWDON	3	35.9	56.8	40.0	93.0	1.0	45.0	4.3	4.0
K11917	K04607/USWK-CBB-17	16	35.7	56.9	39.0	93.0	1.0	44.0	5.0	1.7
K08222	Red Hawk/USDK-CBB-15	30	35.5	54.0	42.0	96.0	1.7	48.3	5.3	1.0
K11913	K04604/USWK-CBB-17	24	35.1	56.7	40.0	93.0	1.0	46.0	4.3	4.0
K08228	K03271/USDK-CBB-15	20	34.8	51.0	41.0	98.0	1.5	48.6	3.0	3.0
K11939	K07929//K06014/K07715	22	33.6	65.4	39.0	92.0	1.0	45.1	4.0	3.3
K11714	K08601/K08233	14	32.5	57.8	43.0	98.0	1.0	48.7	5.0	1.0
K11710	K06012//K06014/K07715	17	31.1	47.8	40.0	95.0	1.3	46.7	3.7	3.3
K11713	K08601/K08233	34	30.3	53.7	44.0	99.0	1.0	49.3	5.0	1.3
K11306	K06621/USDK-CBB-15	32	30.3	52.0	40.0	97.0	1.0	47.7	5.7	1.7
K90101	CHAR/2*MONT, RED HAWK	41	30.2	51.6	40.0	94.0	1.3	47.7	4.0	3.0
K11921	K04604/CHINOOK2000	1	29.9	56.1	39.0	92.0	1.0	45.1	4.0	4.0
K11707	K06621/USDK-CBB-15	51	29.7	52.4	40.0	96.0	1.7	47.3	5.3	1.7
K11915	K04604/USWK-CBB-17	15	29.5	52.9	40.0	93.0	1.0	45.7	4.3	3.3
K11938	K07929//K06014/K07715	40	29.5	62.0	40.0	96.0	1.0	46.1	4.0	4.0
K11918	K04607/USWK-CBB-17	4	29.3	53.0	37.0	93.0	1.0	45.3	5.0	3.7
I10105	Montcalm/DRK15, MAJESTY	28	29.1	65.6	40.0	94.0	2.5	47.6	3.0	3.0
K11709	K06012//K06014/K07715	44	29.1	49.2	42.0	97.0	1.3	47.7	4.3	3.0
I90013	CELRK	45	28.5	62.2	38.0	92.0	1.0	44.7	3.3	5.0
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	56	28.1	52.0	40.0	96.0	1.3	47.3	3.0	3.3
K11944	K07926//C06819/X07804	6	28.0	56.6	41.0	93.0	1.0	45.6	4.0	3.3
K11926	X06115/X06114	25	27.9	51.5	41.0	95.0	1.3	47.7	4.3	3.3
K01234	Mutant of Red Hawk, REDCOAT	47	27.1	56.1	40.0	95.0	1.0	47.1	4.0	3.3
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	10	26.8	52.9	40.0	92.0	1.0	48.1	2.0	5.0
K11937	K07929//K06014/K07715	26	25.9	68.6	38.0	99.0	1.0	48.0	3.7	2.7
K11303	Red Hawk//K06003/CBB-15	11	25.8	47.6	41.0	94.0	1.3	45.0	3.0	3.0
K11908	K06940/USWK-CBB-17	12	25.8	45.4	38.0	91.0	1.0	46.1	4.0	4.3
K11906	K07303/USWK-CBB-17	23	25.7	52.8	41.0	95.0	1.3	47.7	4.0	4.0
K11942	K07926//C06819/X07804	38	25.7	60.4	40.0	92.0	1.0	47.6	4.0	4.0
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	55	25.6	49.2	40.0	97.0	1.0	47.6	2.0	3.3
K11941	K07926//C06819/X07804	5	24.6	59.2	39.0	92.0	1.0	45.6	3.5	4.3
K11301	K06001/ND02-385-14	19	23.8	60.9	40.0	92.0	1.3	47.3	4.0	3.3
K11943	K07926//C06819/X07804	18	23.5	66.4	39.0	93.0	1.0	46.1	3.5	4.0
K11803	K07926//C06819/X07804	7	23.5	61.6	39.0	92.0	1.0	46.1	5.0	4.0
K11701	K05616/K04604//K03240/JALOLISTRAPRETAS	39	23.3	52.5	46.0	100.0	1.0	48.3	2.7	3.0

EXPERIMENT 2219 STANDARD KIDNEY YIELD TRIAL							PLANTED: 6/13/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURE	HEIGHT (1-5)	HEIGHT (cm)	DES. SCORE	CBB (1-5)
K11922	K03601/K04607	36	23.2	63.2	39.0	93.0	1.0	44.0	4.0	4.7
K11704	K05616/K05614//REDHAWK/JALO VERMILLO	33	23.1	51.3	43.0	95.0	1.0	48.3	3.7	2.7
K11312	K06012//I07135/K07303	48	23.1	57.9	40.0	97.0	1.0	47.3	3.7	3.7
K90902	BEA/50B1807//LASSEN, BELUGA	52	22.4	52.4	42.0	99.0	1.0	48.7	3.7	3.3
K11309	K06012/USDK-CBB-15	53	22.2	55.6	42.0	95.0	1.3	47.7	4.0	3.7
K11708	CHINOOK2000/USDK-CBB-15	50	22.0	49.7	41.0	97.0	1.0	46.3	2.0	3.3
K11302	K07303/USWK-CBB-17	31	21.7	56.1	40.0	95.0	1.0	47.7	4.0	3.7
K11912	Red Hawk/X06167	43	21.3	51.8	42.0	97.0	1.0	48.0	4.0	3.7
K11907	K07303/USWK-CBB-17	46	21.1	44.7	40.0	93.0	1.0	45.0	3.3	4.0
K11802	K07926//C06819/X07804	29	20.8	72.0	39.0	93.0	1.3	46.3	4.0	4.0
K11804	K07926//C06819/X07804	27	19.9	72.9	38.0	93.0	1.7	47.0	3.3	4.0
K11712	K06012//K06014/K07715	9	18.9	51.3	40.0	94.0	1.7	47.0	4.3	4.0
K11319	K08222/CORNELL603	42	18.7	47.1	41.0	96.0	1.0	46.6	5.0	2.3
K08907	K03244/I05103	13	18.4	48.3	41.0	94.0	1.0	48.6	4.0	4.3
K11923	K99974/XANA	37	17.1	76.1	39.0	92.0	1.0	45.1	4.0	4.0
K11925	K99974/XANA	54	15.9	76.5	39.0	92.0	1.0	46.1	3.5	3.3
MEAN (56)			27.3	56.0	40.1	94.5	1.1	46.7	4.0	3.2
LSD (0.05)			5.6	4.6	1.7	2.0	0.5	1.9	0.8	0.7
CV (%)			15.0	6.1	3.1	1.6	29.3	3.0	15.2	16.5

EXPERIMENT 2220 STANDARD CRANBERRY YIELD TRIAL							PLANTED: 6/13/12			
NAME	PEDIGREE	ENTRY	YIELD CW'100 SEED		DAYS TO FLOWER	DAYS TO MATURITY (1-5)	DAYS TO LODGING	HEIGHT (cm)	DES. SCORE	CBB (1-5)
			/ACRE	WT. (g)						
C11260	C07401//CBB-20/C05617	4	39.0	55.2	39.0	94.0	2.0	45.3	5.0	1.7
C11320	C05617/CBB-20	27	38.0	53.0	39.0	93.0	1.3	44.0	5.3	2.0
C11273	C07403//CBB-20/C06812	17	36.3	53.6	39.0	95.0	2.0	48.3	6.0	1.3
C11266	C07401//CBB-20/C05653	19	35.2	55.3	39.0	94.0	1.3	48.3	6.3	1.3
C11258	C07401//CBB-20/C05617	28	35.0	56.5	39.0	93.0	1.0	44.0	5.0	3.0
C11264	C07401//CBB-20/C05653	29	34.8	54.5	39.0	95.0	1.7	47.3	5.0	2.7
C11383	CBB-20/C07414	51	34.8	56.0	38.0	94.0	1.3	47.0	4.7	3.3
C11259	C07401//CBB-20/C05617	23	34.3	55.6	39.0	93.0	2.0	45.3	5.3	1.7
C11222	C05631/C07411	3	32.9	60.4	39.0	95.0	1.0	46.7	4.0	3.3
C11314	CAPRI/CBB-20	2	32.7	56.3	38.0	94.0	1.7	47.0	5.0	2.0
C11261	C07401//CBB-20/C05617	22	32.0	53.2	38.0	93.0	1.7	44.3	5.0	2.7
C11388	C08712/C07403	54	32.0	50.8	39.0	94.0	1.3	48.0	4.0	3.0
C11274	C07403//CBB-20/C06812	14	30.8	56.7	39.0	94.0	1.0	46.3	4.3	2.0
C11305	C07413//CBB-20/C05617	16	30.8	52.9	39.0	94.0	1.0	47.7	5.7	3.3
C11317	CAPRI/CBB-20	18	30.6	55.0	38.0	94.0	1.7	46.0	5.0	2.3
C11276	C07403//CBB-20/C06812	9	30.0	58.2	40.0	94.0	1.7	48.3	4.0	3.0
C11368	Capri/C08716	52	29.8	57.2	40.0	93.0	2.0	48.3	3.3	3.7
C11369	C99833/C08716	50	29.3	54.4	39.0	92.0	1.3	48.7	4.0	3.7
C11321	C05617/CBB-20	34	29.0	53.4	39.0	92.0	1.7	44.7	4.7	3.7
C11319	C05617/CBB-20	38	29.0	54.9	39.0	93.0	1.0	43.7	4.7	4.0
C11212	C05617/C07411	15	28.9	54.8	38.0	94.0	1.0	48.0	4.0	3.3
C11375	C08706/C08712	63	28.7	56.1	39.0	93.0	1.0	46.7	5.0	4.0
C11263	C07401//CBB-20/C05617	44	28.7	53.9	39.0	93.0	1.3	44.0	4.7	2.7
C11269	C07401//CBB-20/C05653	20	28.5	56.2	39.0	93.0	1.7	45.0	4.3	3.3
C11284	C07403//BD1002/C07403	24	28.2	62.2	38.0	92.0	1.3	46.3	3.7	4.0
C11275	C07403//CBB-20/C06812	26	28.2	53.8	39.0	94.0	1.7	46.3	4.0	3.0
I92014	ETNA	21	28.0	60.1	39.0	92.0	1.0	44.3	3.3	5.0
C11223	CAPRI/X06150	6	27.9	52.7	39.0	95.0	1.0	45.0	4.7	2.7
C11228	C05653/CBB-20	30	27.4	57.2	39.0	92.0	1.0	46.3	4.0	4.7
C11393	C07403/C08717	60	27.1	59.6	39.0	92.0	1.3	45.7	3.3	3.0
C11204	C05631//C05603/CBB-20	10	27.1	57.1	39.0	93.0	1.0	46.3	4.3	4.0
C11373	C08706/C08712	55	27.0	56.1	39.0	93.0	1.0	46.7	4.7	3.3
C11392	C07403/C08717	57	26.4	60.7	39.0	92.0	1.7	45.7	3.3	4.0
C11216	C06820/C05617	40	26.0	53.3	39.0	93.0	1.0	45.7	4.0	3.7
C11347	C08706/CBB-20	53	26.0	57.7	39.0	93.0	1.0	44.0	3.7	4.0
C11219	BELLAGIO/X07801	12	25.9	58.4	39.0	92.0	1.0	46.3	4.0	4.3
C11247	BELLAGIO//X07801/C07403	37	25.9	49.1	40.0	91.0	1.0	46.7	4.3	3.7
C11206	C05631//C05603/CBB-20	35	25.9	54.5	39.0	93.0	1.3	47.7	4.7	4.0
C11221	C06818/C07411	1	25.7	49.4	40.0	93.0	1.0	48.3	4.3	3.7
C11374	C08706/C08712	59	25.7	60.2	38.0	92.0	1.0	45.0	4.7	4.0

EXPERIMENT 2220 STANDARD CRANBERRY YIELD TRIAL							PLANTED: 6/13/12			
NAME	PEDIGREE	ENTRY	YIELD CW	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
C11371	C07414/C08706	58	25.6	55.3	38.0	92.0	1.0	44.0	4.3	4.3
C11309	C07413//BD1002/BELLAGIO	42	25.6	47.7	39.0	92.0	1.0	45.7	4.3	4.0
C11252	BELLAGIO//C05647/X07804	39	25.4	60.5	40.0	93.0	1.3	47.3	3.7	4.0
C11203	C05631//C05603/CBB-20	45	25.1	55.5	39.0	92.0	1.0	46.7	3.7	4.3
C11225	C05603/CBB-20	31	25.0	46.5	41.0	93.0	1.3	45.7	3.0	4.0
C11257	C07401//CBB-20/C05617	7	24.9	57.5	39.0	93.0	1.3	44.0	4.0	3.3
C11286	C07403//C05647/X07801	47	24.8	59.3	39.0	93.0	1.0	44.7	3.7	3.3
C11268	C07401//CBB-20/C05653	13	24.8	53.0	39.0	93.0	2.0	44.7	4.0	3.7
C11346	C08706/CBB-20	56	24.7	60.4	38.0	92.0	1.0	42.3	4.0	4.3
C11339	C08706/C07403	62	24.5	59.0	40.0	92.0	1.0	45.7	3.7	4.0
C99833	CARDINAL/K94803,CAPRI	41	24.3	59.6	40.0	94.0	1.0	47.7	3.7	3.3
C11240	BELLAGIO//BD1002/BELLAGIO	11	24.0	57.6	38.0	92.0	1.0	47.0	4.7	4.0
C11231	C05631//C05647/X07804	43	23.0	54.1	40.0	92.0	1.0	44.0	3.3	5.0
C11241	BELLAGIO//BD1002/BELLAGIO	8	23.0	57.0	39.0	91.0	1.0	48.0	4.3	4.3
C11255	C07401//CBB-20/C05617	46	23.0	55.3	40.0	92.0	1.0	45.3	4.0	4.3
C11312	C07413//BD1002/BELLAGIO	32	22.9	52.0	39.0	92.0	1.0	46.0	4.3	4.0
C11387	C08717/C07414	61	22.4	51.3	39.0	91.0	1.3	46.7	3.7	4.7
C11310	C07413//BD1002/BELLAGIO	25	22.2	49.6	39.0	92.0	1.0	44.3	4.0	4.3
C11389	C07403/C08717	64	22.1	48.1	39.0	93.0	1.0	45.3	4.3	3.3
C11233	C05631//C05647/X07804	33	22.0	55.3	39.0	91.0	1.0	43.0	4.0	5.0
C11201	C03157//C05603/CBB-20	5	21.4	57.1	39.0	92.0	1.0	47.7	4.0	4.3
C11202	C05631//C05603/CBB-20	36	21.3	59.0	41.0	93.0	1.0	43.7	3.3	3.7
C11226	C03157/CAPRI	48	18.3	58.6	39.0	92.0	1.0	43.0	3.7	4.0
I11259	UCD 0801	49	9.6	51.2	48.0	103.0	1.0	50.0	1.0	3.7
MEAN (64)			27.3	54.7	39.2	93.0	1.2	46.0	4.2	3.5
LSD (0.05)			4.3	9.3	1.1	1.2	0.3	1.4	0.5	0.5
CV (%)			11.5	12.6	2.0	0.9	18.3	2.3	9.5	11.0

EXPERIMENT 2221 PRELIMINARY KIDNEY YIELD TRIAL

PLANTED: 6/13/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	CBB (1-5)
K08961	K04604/USDK-CBB-15, SNOWDON	55	36.3	66.1	38.0	92.0	2.0	48.0	6.0	4.0
K12803	K07921//K08971/K08233	30	36.1	54.1	38.0	93.0	1.0	45.0	5.0	1.5
K12810	K08901//K08929/K08222	37	34.8	57.1	40.0	95.0	1.0	48.0	5.7	2.5
K12203	K08233//K08220/K06012	3	33.2	48.1	42.0	96.0	2.0	48.3	4.7	2.0
K12801	USWK-CBB-17//K08929/K08222	28	32.9	43.6	40.0	93.0	1.0	45.7	5.3	2.0
K12805	K08222//K08222/K08974	32	31.8	56.6	41.0	98.0	1.3	48.0	4.7	1.5
K12222	K08222/K07713	22	31.2	57.7	40.0	94.0	2.3	47.7	4.0	3.5
K12201	K08222//K08220/K06012	1	31.1	56.3	42.0	98.0	2.3	47.7	4.0	2.0
K12602	K06619/K08222	27	31.0	49.1	43.0	98.0	1.7	49.0	4.3	2.5
K12219	K06001/Red Hawk	19	30.9	54.0	40.0	93.0	1.7	46.7	4.0	3.5
K12811	K08901//K08929/K08222	38	30.9	54.9	38.0	93.0	1.0	46.0	5.7	1.5
K12205	K08233//K08220/K06012	5	30.5	57.2	41.0	96.0	1.7	48.0	4.7	2.0
K12812	K08901//K08929/K08222	39	30.4	54.9	38.0	92.0	1.0	45.7	5.0	4.5
K12225	K08222/CORNELL 603	25	30.4	45.1	40.0	92.0	1.0	45.7	6.0	1.0
K12206	K08233//K08220/K08233	6	30.3	49.5	40.0	94.0	2.3	45.7	4.0	2.0
K12807	K08233//K08220/K08974	34	30.3	55.9	39.0	98.0	1.3	48.0	5.3	2.5
K12601	Red Hawk//K08601/K08233	26	30.3	57.4	41.0	96.0	2.7	47.3	4.0	3.0
K12802	USWK-CBB-17//K08929/K08222	29	30.3	47.7	39.0	94.0	1.0	46.0	6.0	2.5
K90101	CHAR/2*MONT, RED HAWK	52	30.1	54.0	40.0	93.0	1.7	47.3	4.0	4.5
K12813	K08901//K08929/K08222	40	29.7	61.5	39.0	92.0	1.0	44.7	5.7	4.5
K12209	K08233//K08222/K08601	9	28.8	51.4	42.0	97.0	2.7	47.3	3.7	3.0
K12207	K08233//K08220/K08974	7	28.5	59.0	39.0	96.0	2.0	46.7	4.3	2.0
K12815	USWK-CBB-17//K06619/K08233	42	27.9	41.4	40.0	99.0	1.3	48.7	4.3	2.0
K12806	K08222//K08971/K08233	33	27.8	46.3	43.0	99.0	1.3	49.0	4.0	3.0
K12820	K07926//C06819/X07804	47	27.4	71.1	39.0	92.0	1.0	45.3	4.7	4.5
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	53	27.4	57.8	42.0	100.0	3.0	48.0	3.3	4.0
K12220	Red Hawk/K06001	20	27.3	57.6	40.0	95.0	2.0	47.0	3.7	4.5
K12822	K07926//C06819/X07804	49	27.2	59.3	40.0	92.0	2.3	45.7	4.7	4.5
K12814	K08901//K08929/K08222	41	27.0	59.1	38.0	93.0	1.0	46.7	5.3	3.5
K12212	Red Hawk//K07713/K08222	12	26.9	47.2	45.0	92.0	2.0	45.7	3.3	4.5
K12218	Red Hawk/USWK-CBB-17	18	26.5	52.8	41.0	94.0	1.0	47.7	4.0	5.0
K12214	Red Hawk//K08220/K08233	14	25.9	55.7	40.0	93.0	1.7	45.7	4.0	4.0
K12217	Red Hawk/K08233	17	25.9	50.7	42.0	96.0	1.3	47.0	4.0	3.5
K12221	Red Hawk/K06001	21	25.7	56.5	41.0	96.0	2.7	47.7	3.3	4.5
I11201	Pink Panther//ZAA/Montcalm, CLOUSEAU	56	25.7	61.9	40.0	93.0	1.7	46.7	3.0	5.0
K12204	K08233//K08220/K06012	4	25.6	57.4	39.0	96.0	2.3	47.7	4.3	2.0
K12808	K08601//K08929/K08222	35	25.4	52.9	41.0	97.0	1.3	48.0	4.3	4.0
K12824	K07926//K07303/I07136	51	25.2	78.3	39.0	92.0	1.0	44.0	4.3	5.0
K12210	K08233//K08222/K08601	10	25.1	47.9	42.0	96.0	2.3	46.7	3.7	4.0
K12804	K08222//K08222/K08974	31	24.8	56.2	43.0	99.0	1.7	49.0	4.3	1.5

EXPERIMENT 2221 PRELIMINARY KIDNEY YIELD TRIAL

PLANTED: 6/13/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	CBB (1-5)
K12215	Red Hawk//K08222/K08601	15	24.7	45.8	41.0	94.0	2.0	48.3	3.7	4.5
K12816	USWK-CBB-17//K06619/K08233	43	24.4	40.1	41.0	96.0	1.0	48.0	5.0	1.5
K12819	K08601/USWK-CBB-17	46	24.3	57.5	40.0	98.0	1.3	48.3	4.7	2.0
K12821	K07926//C06819/X07804	48	24.3	61.2	39.0	93.0	1.7	46.7	5.0	4.5
K12224	K08222/K06001	24	23.5	58.4	42.0	98.0	2.3	48.0	4.0	1.5
K12216	Red Hawk//K08222/K08601	16	23.3	47.5	40.0	93.0	1.3	46.3	3.3	5.0
K12202	K08233//K06619/K08233	2	23.3	56.7	40.0	97.0	2.3	46.3	4.0	3.0
K12823	K07926//K07303/I07136	50	23.1	77.7	39.0	93.0	1.7	45.3	3.0	5.0
K12809	K08601//K08929/K08222	36	23.0	48.6	43.0	97.0	1.7	48.0	4.3	3.5
K12208	K08233//K08220/K08974	8	22.9	55.3	41.0	96.0	1.3	47.0	4.7	2.0
K12818	USWK-CBB-17//K06619/K08233	45	22.6	45.3	40.0	99.0	1.3	49.3	4.3	2.0
K12211	K08601//K08971/K08233	11	22.0	56.2	42.0	94.0	1.3	47.7	4.0	4.0
K12817	USWK-CBB-17//K06619/K08233	44	21.1	42.8	45.0	100.0	1.3	49.0	4.0	2.0
K90902	BEA/50B1807//LASSEN, BELUGA	54	20.9	55.6	42.0	99.0	1.7	49.0	3.3	4.0
K12213	Red Hawk//K08220/K08233	13	20.4	55.0	41.0	95.0	2.3	47.3	3.3	4.0
K12223	K08222/K07713	23	18.7	47.8	47.0	97.0	2.3	46.7	3.3	4.0
MEAN (56)			27.3	54.5	40.6	95.3	1.7	47.1	4.3	3.2
LSD (0.05)			5.0	4.0	1.6	2.3	0.7	1.5	0.9	0.9
CV (%)			13.6	5.4	2.9	1.8	29.1	2.4	15.3	16.8

EXPERIMENT 2222 PRELIMINARY MAYACOBIA YIELD TRIAL							PLANTED: 6/13/12			
NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	
X11402	FR-07-AZP-14-03	3	16.1	46.2	41.0	92.0	1.0	44.7	4.3	
X11404	FR-07-AZP-14-05	4	16.1	46.8	41.0	92.0	1.0	45.0	4.0	
I11236	MYASI	5	15.7	35.5	42.0	91.0	2.3	42.0	3.0	
X11405	FR-07-AZP-14-06	1	15.5	47.0	41.0	92.0	1.0	44.7	3.7	
X11401	FR-07-AZP-14-02	2	15.4	46.2	41.0	92.0	1.0	45.0	4.3	
MEAN (5)			15.8	44.3	41.2	91.9	1.3	44.3	3.9	
LSD (0.05)			4.8	2.2	1.0	1.1	0.4	1.2	1.2	
CV (%)			19.9	3.2	1.6	0.8	20.4	1.8	20.6	

EXPERIMENT 2223 NATIONAL WHITE MOLD YIELD TRIAL

PLANTED: 6/14/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	WM SCORE	WM %
P07863	AN-37/P02630, ELDORADO	1	42.9	40.1	41.0	105.0	2.0	56.0	5.7	2.0	22.2
I10125	ND080547	7	42.6	32.2	41.0	103.0	2.3	49.0	4.0	4.7	51.8
I08933	37-2, USPT-WM-12	9	42.0	38.5	40.0	100.0	2.3	49.3	5.0	4.0	44.4
B11363	B04644/B07554	26	40.1	22.1	41.0	102.0	1.3	56.0	5.0	3.7	40.7
S11701	S04504/R06420	31	39.9	32.7	40.0	100.0	2.0	51.0	5.3	4.7	51.8
I12321	PS02-028A-3-B2	12	38.6	38.9	39.0	99.0	2.0	48.3	5.0	4.0	44.4
P07793	I02545/P02647	55	38.1	38.1	40.0	103.0	2.0	51.7	4.0	2.7	29.6
G11464	G07309//G07302/BMN13	36	37.9	43.4	39.0	98.0	1.7	50.7	5.3	6.7	74.0
I07113	PNE-6-94-75/Kodiak, LAPAZ	57	37.7	35.0	43.0	101.0	1.7	56.0	5.0	4.0	44.4
G08254	G04514/Matterhorn	34	35.9	36.7	40.0	99.0	1.7	51.0	5.0	4.3	48.1
B07103	8615, TL	49	35.1	23.7	42.0	105.0	1.7	55.7	3.7	2.3	25.9
B05001	8690, TL	47	33.3	24.3	45.0	105.0	2.7	53.0	3.3	2.3	25.9
P04205	P99119/G99750, SANTA FE	58	33.3	41.3	40.0	99.0	2.0	48.7	4.3	6.7	74.0
B07105	8563, TW	51	33.3	22.8	46.0	105.0	1.7	56.3	4.3	2.7	29.6
N11232	N05311//BMD12/B04587	19	33.1	19.6	42.0	103.0	1.7	56.7	5.7	2.0	22.2
I98402	TACANA	46	33.1	21.9	46.0	104.0	1.7	52.3	3.7	1.7	18.5
I10126	PS02-050-2	64	33.1	33.7	40.0	101.0	1.3	52.3	5.0	3.0	33.3
N11216	N04158/B04265	24	32.9	23.2	45.0	103.0	1.3	56.0	5.0	2.3	25.9
P08161	MATTERHORN/EMP 507	28	32.9	36.3	44.0	101.0	2.7	48.7	3.7	7.0	77.7
G09303	G04207/P05437	33	32.8	31.2	39.0	99.0	1.7	55.0	5.0	5.3	59.2
B11334	N07009//B04349/B05044	16	32.6	19.4	40.0	102.0	1.7	56.0	5.0	4.7	51.8
B11331	VCW54 SELECTION	35	32.0	23.0	43.0	105.0	2.3	50.0	3.3	7.3	81.4
N11298	MEDALIST//B05054/B04588	21	31.6	18.8	45.0	103.0	1.7	58.0	5.3	3.0	33.3
B10244	B04610/N05346	13	31.5	22.6	42.0	101.0	1.7	56.3	5.7	4.0	44.4
B09175	N05311/B05055	25	31.4	24.8	46.0	102.0	1.3	59.0	5.3	2.3	25.9
N11283	MEDALIST/N08003	22	31.3	19.5	46.0	102.0	1.3	61.0	6.0	2.0	22.2
N11226	N05311*/B05044	23	31.0	19.1	46.0	104.0	2.0	57.0	5.0	2.7	29.6
B10213	B04587//ZORRO/DPC-1	14	30.9	20.9	41.0	100.0	1.3	52.0	5.0	3.0	33.3
B07104	8543, TW	50	30.8	22.0	43.0	104.0	1.7	54.7	3.7	3.0	33.3
B11343	B07554//ZORRO/B05044	17	30.1	21.2	41.0	101.0	1.7	50.7	4.7	3.7	40.7
G08160	Matterhorn/E507	30	30.0	35.1	40.0	99.0	2.7	47.3	4.0	5.7	62.9
S08418	S02754/S04503, ROSETTA	2	29.8	32.2	43.0	99.0	1.7	53.3	5.3	3.3	37.0
B11355	JAGUAR/B04644	27	29.3	20.3	43.0	101.0	1.7	55.0	4.7	4.0	44.4
P11522	P04203/P06125	29	29.2	38.1	40.0	99.0	1.7	52.0	5.0	4.0	44.4
B07102	8661, TL	48	28.1	20.8	45.0	105.0	1.7	54.0	3.7	3.3	37.0
B04554	B00103*/X00822, ZORRO	56	27.7	24.0	44.0	103.0	2.0	53.3	4.7	3.7	40.7
C11221	C06818/C07411	37	26.8	60.6	40.0	99.0	1.0	50.0	5.0	1.7	18.5
I12319	VRW 32	10	26.6	26.2	42.0	105.0	2.0	49.0	3.0	2.7	29.6
R98026	R94037/R94161, MERLOT	61	26.5	36.5	43.0	105.0	2.0	54.0	4.0	4.7	51.8
I08958	Mayflower/Avanti, MEDALIST	53	26.2	19.1	43.0	105.0	2.3	53.3	3.7	2.3	25.9

EXPERIMENT 2223 NATIONAL WHITE MOLD YIELD TRIAL

PLANTED: 6/14/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	WM SCORE	WM %
I12301	INDI	54	26.1	20.4	45.0	103.0	1.7	55.0	4.0	3.0	33.3
I10124	ND060514	6	25.9	20.8	40.0	100.0	2.0	48.3	3.0	4.3	48.1
N11258	N07009/MEDALIST	20	25.6	18.9	47.0	103.0	1.7	57.7	5.3	2.7	29.6
G93414	MATTERHORN	59	25.2	33.2	40.0	98.0	2.0	48.3	5.0	6.0	66.6
I11264	COOP 03019, MERLIN	52	24.6	20.1	45.0	104.0	1.7	54.0	3.7	2.7	29.6
I12320	Z0726-9-74	11	24.5	31.8	40.0	99.0	1.7	45.7	3.0	3.3	37.0
I81010	JAPON3/MAGDALENE, BUNSI	3	24.5	21.3	41.0	100.0	2.7	47.0	3.7	6.0	66.6
K11714	K08601/K08233	44	24.4	62.4	41.0	105.0	1.0	53.3	4.3	3.0	33.3
B11301	N05311//B05055/B05053	15	24.0	21.4	44.0	103.0	1.3	56.0	5.3	1.7	18.5
N11228	N05311//N07009/N05324	18	23.8	18.2	44.0	104.0	2.3	54.3	4.3	4.7	51.8
K08961	K04604/USDK-CBB-15, SNOWDON	39	23.5	66.9	39.0	98.0	1.0	48.0	5.0	2.0	22.2
S00809	R94142/X94076, SEDONA	60	23.3	38.6	44.0	101.0	3.3	49.3	3.3	5.3	59.2
K11303	Red Hawk//K06003/CBB-15	42	22.7	58.6	39.0	103.0	1.0	50.7	4.3	2.0	22.2
I89011	RB, BERYL	4	22.6	34.2	40.0	99.0	4.3	42.0	3.0	9.0	99.9
K11914	K04604/USWK-CBB-17	41	22.2	65.7	39.0	102.0	1.0	50.7	4.7	2.3	25.9
K11301	K06001/ND02-385-14	45	22.0	68.9	40.0	104.0	1.3	48.7	4.0	2.7	29.6
K90902	BEA/50B1807//LASSEN, BELUGA	40	21.4	58.0	42.0	105.0	1.0	52.7	3.7	3.0	33.3
C11314	CAPRI/CBB-20	38	21.0	56.6	39.0	98.0	1.0	47.3	4.0	4.7	51.8
C99833	CARDINAL/K94803, CAPRI	62	20.3	63.0	40.0	101.0	1.3	48.7	3.7	2.3	25.9
K90101	CHAR/2*MONT, RED HAWK	63	20.2	58.7	40.0	103.0	1.0	49.0	4.0	2.3	25.9
K11712	K06012//K06014/K07715	43	20.1	55.1	40.0	102.0	1.0	49.7	4.7	2.7	29.6
S11610	R06412//S07501/R06422	32	19.6	33.6	42.0	100.0	2.7	48.7	4.0	8.3	92.5
I96417	G122 MAGNUSON	5	18.4	39.8	43.0	106.0	1.3	51.3	2.7	3.3	37.0
I06217	A195	8	16.1	66.5	51.0	110.0	1.0	54.7	1.0	1.7	18.5
MEAN (64)			29.1	34.3	42.1	102.0	1.8	52.2	4.4	3.7	40.9
LSD (0.05)			14.2	6.1	4.0	1.3	31.0	4.4	13.2	38.0	38.0
CV (%)			5.6	2.9	2.3	1.8	0.7	3.1	0.8	1.9	21.0

EXPERIMENT 2425 BNF YIELD TRIAL

PLANTED: 6/19/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX	VIGOR (1-5)
B11536	I82054/B07554	35	26.5	24.5	50.0	98.0	2.5	60.0	4.0	3.0	40.1	4.0
B11582	I82054/B07554	80	25.8	20.7	52.0	99.0	1.0	60.0	5.5	3.3	37.5	4.0
I07112	R99 NO NOD	125	24.9	21.6	46.0	100.0	2.5	60.0	3.5	3.8	34.3	3.0
B11545	I82054/B07554	43	24.8	22.3	48.0	98.0	1.0	80.0	5.0	3.1	33.8	4.0
B11620	I82054/B07554	116	24.7	24.9	48.0	99.0	3.5	60.0	2.5	3.6	35.6	4.0
B11603	I82054/B07554	100	23.9	26.5	50.0	107.0	2.0	70.0	2.0	3.4	28.8	3.0
B11519	I82054/B07554	18	23.7	22.3	55.0	99.0	2.0	55.0	3.5	2.6	39.3	3.0
B11544	I82054/B07554	42	23.2	25.1	53.0	99.0	2.0	60.0	4.0	2.8	37.2	3.0
B11602	I82054/B07554	99	23.2	25.8	56.0	100.0	3.0	65.0	3.5	3.3	35.6	3.0
B11609	I82054/B07554	106	23.0	22.6	49.0	101.0	2.5	70.0	3.0	4.7	32.8	4.0
B11571	I82054/B07554	69	23.0	23.2	55.0	103.0	1.0	80.0	5.0	3.0	30.5	4.0
B11565	I82054/B07554	63	22.9	23.9	49.0	100.0	2.0	75.0	4.0	2.8	35.9	3.0
B11549	I82054/B07554	47	22.4	23.2	49.0	99.0	2.0	55.0	3.5	3.1	35.2	4.0
B11555	I82054/B07554	53	22.2	25.8	49.0	100.0	1.5	85.0	4.5	3.7	33.0	5.0
B11557	I82054/B07554	55	22.0	23.6	48.0	99.0	3.0	65.0	2.5	4.4	22.2	4.0
B11610	I82054/B07554	107	21.9	29.3	51.0	102.0	2.5	55.0	3.0	3.4	28.3	3.0
B11567	I82054/B07554	65	21.8	24.8	57.0	102.0	3.0	50.0	3.5	3.1	35.4	3.0
B11611	I82054/B07554	108	21.7	26.4	52.0	101.0	2.0	80.0	3.5	3.5	30.6	3.0
B11594	I82054/B07554	92	21.7	25.1	49.0	97.0	3.0	40.0	2.5	2.2	40.1	3.0
B11511	I82054/B07554	10	21.6	24.9	53.0	101.0	3.0	70.0	3.0	5.4	21.0	3.0
I11271	10IS-2423	129	21.6	25.5	46.0	96.0	2.0	55.0	3.5	2.3	43.5	3.0
B11590	I82054/B07554	88	21.5	21.1	51.0	98.0	1.0	65.0	5.0	2.7	33.8	4.0
B11563	I82054/B07554	61	21.3	25.9	49.0	102.0	1.5	75.0	3.5	5.1	24.2	4.0
B11570	I82054/B07554	68	21.3	23.9	50.0	97.0	1.0	65.0	6.0	2.8	35.7	4.0
B11531	I82054/B07554	30	21.2	24.8	49.0	106.0	3.5	80.0	3.5	4.4	26.1	3.0
B11556	I82054/B07554	54	21.1	21.8	45.0	99.0	1.0	55.0	4.5	2.4	37.1	3.0
B11546	I82054/B07554	44	20.9	23.6	56.0	109.0	3.0	70.0	1.5	4.9	21.0	4.0
B11527	I82054/B07554	26	20.9	28.9	50.0	53.0	3.0	60.0	2.5	2.8	35.6	4.0
I10149	VERANO	127	20.8	24.3	45.0	104.0	2.0	55.0	2.5	3.2	31.8	3.0
B11543	I82054/B07554	41	20.8	22.6	49.0	98.0	1.5	80.0	4.5	3.7	29.1	4.0
B11616	I82054/B07554	113	20.7	22.0	55.0	100.0	1.0	80.0	5.0	2.8	40.3	4.0
I08958	MEDALIST	130	20.6	20.8	47.0	98.0	1.5	65.0	5.0	3.7	29.5	3.0
B11595	I82054/B07554	93	20.5	26.6	50.0	100.0	3.0	65.0	2.5	4.0	24.0	4.0
B11530	I82054/B07554	29	20.5	22.2	50.0	102.0	2.0	80.0	3.5	3.0	32.1	4.0
B11593	I82054/B07554	91	20.4	22.5	49.0	102.0	2.5	65.0	4.0	4.1	21.2	3.0
B11509	I82054/B07554	8	20.4	22.4	50.0	98.0	1.0	70.0	5.5	3.0	30.8	3.0
B11581	I82054/B07554	79	20.4	25.2	51.0	108.0	3.0	55.0	2.5	3.2	26.3	3.0
B11574	I82054/B07554	72	20.3	26.2	57.0	109.0	4.0	55.0	1.0	4.2	18.9	4.0
B11523	I82054/B07554	22	20.2	28.8	47.0	100.0	2.5	45.0	3.5	2.5	36.2	3.0
B11568	I82054/B07554	66	20.1	25.9	51.0	110.0	2.0	65.0	2.5	6.7	16.7	4.0
B11539	I82054/B07554	37	20.1	24.6	48.0	99.0	2.0	60.0	3.0	4.6	31.6	2.0
B11617	I82054/B07554	114	20.0	21.1	46.0	96.0	1.0	60.0	5.5	1.8	48.4	3.0
B11547	I82054/B07554	45	20.0	25.0	49.0	96.0	1.5	60.0	3.5	2.0	45.1	3.0
B11592	I82054/B07554	90	19.9	22.9	49.0	99.0	1.0	65.0	3.5	3.3	29.3	4.0
B11584	I82054/B07554	82	19.7	21.1	51.0	104.0	2.5	75.0	2.5	4.1	23.1	4.0

EXPERIMENT 2425 BNF YIELD TRIAL

PLANTED: 6/19/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX	VIGOR (1-5)
B11588	I82054/B07554	86	19.6	25.2	52.0	99.0	1.5	65.0	4.5	2.9	35.3	4.0
B11607	I82054/B07554	104	19.6	20.5	47.0	100.0	1.0	65.0	4.5	2.4	34.1	4.0
B11526	I82054/B07554	25	19.5	23.1	48.0	99.0	2.0	75.0	4.0	2.3	34.0	4.0
I09129	PR0443-151	126	19.4	22.1	49.0	97.0	2.0	55.0	3.5	2.0	40.9	3.0
B11532	I82054/B07554	31	19.2	25.3	55.0	105.0	3.0	60.0	2.5	3.5	24.1	4.0
B11601	I82054/B07554	98	19.2	26.5	49.0	99.0	3.0	60.0	2.5	4.5	19.7	4.0
B11621	I82054/B07554	117	19.1	22.4	49.0	99.0	1.5	50.0	4.0	3.1	30.8	4.0
B11553	I82054/B07554	51	18.9	24.5	53.0	108.0	3.5	55.0	2.5	3.5	21.6	3.0
B11596	I82054/B07554	94	18.9	21.5	49.0	98.0	1.0	70.0	4.5	2.7	33.0	4.0
B11566	I82054/B07554	64	18.8	23.7	50.0	103.0	2.0	70.0	3.5	3.2	27.7	4.0
B11569	I82054/B07554	67	18.7	21.3	49.0	97.0	3.0	55.0	3.0	2.3	33.3	4.0
B11589	I82054/B07554	87	18.7	21.5	49.0	98.0	1.0	75.0	5.0	2.7	29.5	4.0
B11615	I82054/B07554	112	18.5	24.9	47.0	99.0	2.0	65.0	3.0	2.8	29.3	4.0
B11583	I82054/B07554	81	18.4	24.8	50.0	100.0	1.5	65.0	3.5	2.5	32.5	3.0
B11516	I82054/B07554	15	18.4	22.9	53.0	100.0	3.5	55.0	2.5	2.7	33.3	4.0
B11522	I82054/B07554	21	18.3	23.5	50.0	104.0	2.0	80.0	3.0	3.5	28.9	4.0
B11613	I82054/B07554	110	18.2	19.6	48.0	99.0	1.0	60.0	5.2	2.3	37.4	3.0
B11614	I82054/B07554	111	18.2	23.0	50.0	98.0	2.5	65.0	4.5	3.4	28.9	3.0
B11623	I82054/B07554	119	18.2	22.0	55.0	99.0	2.0	62.5	4.0	2.9	35.2	4.0
B11612	I82054/B07554	109	18.1	23.4	51.0	100.0	1.0	80.0	4.0	3.1	25.3	4.0
B11501	I82054/B07554	1	17.9	29.1	49.0	100.0	3.0	65.0	2.0	3.1	23.9	5.0
B11577	I82054/B07554	75	17.8	23.9	48.0	98.0	3.0	50.0	3.5	2.6	37.4	4.0
B11561	I82054/B07554	59	17.7	20.7	53.0	98.0	2.0	60.0	4.0	2.3	37.7	3.0
B11554	I82054/B07554	52	17.7	25.3	56.0	103.0	4.0	55.0	2.0	2.9	24.8	4.0
B11622	I82054/B07554	118	17.6	24.2	50.0	102.0	2.0	70.0	3.5	3.0	29.5	3.0
B11598	I82054/B07554	95	17.5	27.8	47.0	103.0	2.0	65.0	3.0	2.4	35.2	3.0
B11507	I82054/B07554	6	17.5	26.3	51.0	98.0	3.0	50.0	2.5	2.5	29.2	4.0
B11514	I82054/B07554	13	17.5	22.4	50.0	99.0	3.0	65.0	3.0	3.9	24.9	4.0
B11624	I82054/B07554	120	17.4	27.2	60.0	105.0	2.5	65.0	2.0	3.9	18.7	4.0
B11591	I82054/B07554	89	17.4	26.0	49.0	99.0	2.5	70.0	4.5	2.9	29.9	4.0
B11559	I82054/B07554	57	17.3	24.2	50.0	99.0	1.5	70.0	4.0	4.1	21.3	4.0
B11510	I82054/B07554	9	17.2	26.3	51.0	103.0	3.0	65.0	2.5	3.3	23.1	3.0
B11560	I82054/B07554	58	17.1	28.8	50.0	99.0	2.5	65.0	3.5	2.8	29.4	4.0
B11586	I82054/B07554	84	17.1	23.0	58.0	99.0	3.0	45.0	3.0	2.5	27.9	2.0
B11558	I82054/B07554	56	17.0	26.6	47.0	99.0	3.0	55.0	3.0	2.6	28.3	4.0
B11625	I82054/B07554	121	17.0	24.1	48.0	101.0	4.0	35.0	2.0	3.5	25.0	4.0
B11619	I82054/B07554	115	17.0	20.4	50.0	100.0	3.0	70.0	3.0	3.1	27.5	3.0
B11520	I82054/B07554	19	17.0	24.8	48.0	100.0	4.0	65.0	2.0	2.9	26.2	3.0
B11551	I82054/B07554	49	16.7	31.7	58.0	105.0	2.5	35.0	2.0	6.0	15.1	4.0
B11572	I82054/B07554	70	16.7	23.7	53.0	101.0	3.5	50.0	2.0	3.1	23.8	3.0
B11580	I82054/B07554	78	16.6	27.8	59.0	106.0	3.5	55.0	2.5	5.2	18.4	4.0
I11272	PR1147-6	128	16.6	23.9	47.0	98.0	2.0	67.5	4.5	2.4	32.3	4.0
B04554	B00103*/X00822, ZORRO	124	16.6	21.0	51.0	98.0	1.0	65.0	5.5	2.4	36.9	4.0
B11525	I82054/B07554	24	16.5	25.6	49.0	96.0	2.0	55.0	3.0	2.2	34.4	3.0

EXPERIMENT 2425 BNF YIELD TRIAL

PLANTED: 6/19/12

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE	BIOMASS	HARVEST INDEX	VIGOR (1-5)
B11542	I82054/B07554	40	16.3	26.7	49.0	100.0	3.0	60.0	2.5	2.5	32.2	4.0
B11606	I82054/B07554	103	16.3	28.4	48.0	100.0	2.0	75.0	3.5	3.1	25.2	4.0
B11505	I82054/B07554	5	16.2	22.7	58.0	109.0	3.0	60.0	1.5	2.2	30.5	3.0
B11564	I82054/B07554	62	16.1	26.3	50.0	99.0	1.0	75.0	3.5	2.9	27.1	4.0
B11608	I82054/B07554	105	15.8	29.5	50.0	101.0	3.0	60.0	2.0	3.9	18.3	4.0
B11533	I82054/B07554	32	15.8	25.5	49.0	99.0	2.0	65.0	3.5	2.6	32.3	3.0
B11534	I82054/B07554	33	15.7	27.5	49.0	98.0	3.5	55.0	3.0	2.3	29.4	5.0
B11604	I82054/B07554	101	15.6	26.4	50.0	101.0	3.0	65.0	3.0	3.0	25.7	4.0
B11552	I82054/B07554	50	15.6	24.6	58.0	105.0	2.5	85.0	2.5	3.9	21.0	3.0
B11535	I82054/B07554	34	15.5	28.1	46.0	99.0	3.5	55.0	2.0	3.7	18.6	4.0
B11508	I82054/B07554	7	15.4	29.7	57.0	110.0	3.5	60.0	1.0	4.8	14.1	4.0
B11550	I82054/B07554	48	15.2	29.0	47.0	100.0	3.0	60.0	2.0	2.7	25.8	4.0
B11513	I82054/B07554	12	15.2	26.1	47.0	100.0	3.5	50.0	2.5	2.6	30.5	4.0
B11562	I82054/B07554	60	15.1	22.7	56.0	108.0	3.5	60.0	2.5	5.3	10.9	3.0
B11600	I82054/B07554	97	15.0	27.4	50.0	101.0	2.0	75.0	3.5	3.6	19.1	3.0
B11504	I82054/B07554	4	15.0	25.4	49.0	102.0	3.0	55.0	3.0	3.7	18.5	4.0
B11587	I82054/B07554	85	14.8	26.8	52.0	98.0	1.5	70.0	3.0	2.6	32.5	4.0
B11626	I82054/B07554	122	14.8	27.0	49.0	100.0	3.5	60.0	2.0	5.3	12.5	4.0
B11502	I82054/B07554	2	14.8	26.0	49.0	99.0	3.0	45.0	2.5	2.9	25.8	3.0
B11512	I82054/B07554	11	14.5	22.5	54.0	103.0	3.0	60.0	2.0	2.8	26.9	3.0
B11503	I82054/B07554	3	14.4	23.2	59.0	108.0	3.5	70.0	2.0	5.6	13.3	3.0
B11573	I82054/B07554	71	14.1	21.2	53.0	103.0	2.5	55.0	1.5	2.9	25.6	4.0
B11537	I82054/B07554	36	14.0	25.9	58.0	110.0	3.5	40.0	1.5	4.7	12.3	4.0
B11575	I82054/B07554	73	14.0	24.5	49.0	102.0	2.5	75.0	2.5	2.4	30.1	3.0
B11540	I82054/B07554	38	13.8	28.6	48.0	97.0	3.0	65.0	3.0	3.7	18.9	5.0
B11515	I82054/B07554	14	13.7	27.0	58.0	108.0	3.0	65.0	2.5	5.5	17.3	4.0
B11518	I82054/B07554	17	13.7	29.5	49.0	101.0	3.0	45.0	2.0	3.0	19.6	3.0
I82054	PUEBLA 152 MX	123	13.6	27.8	57.0	109.0	4.0	40.0	2.0	4.7	9.4	5.0
B11521	I82054/B07554	20	13.4	23.2	58.0	110.0	4.0	40.0	1.0	4.3	12.9	3.0
B11576	I82054/B07554	74	13.2	22.3	51.0	95.0	1.5	45.0	1.5	1.3	38.6	3.0
B11579	I82054/B07554	77	13.1	22.9	47.0	102.0	2.0	65.0	3.5	1.3	43.4	3.0
B11548	I82054/B07554	46	12.9	23.9	56.0	106.0	2.0	65.0	3.0	3.1	18.8	3.0
B11528	I82054/B07554	27	12.8	23.7	46.0	96.0	3.0	60.0	2.5	2.2	30.8	4.0
B11517	I82054/B07554	16	12.5	30.2	51.0	104.0	3.5	55.0	2.0	4.2	15.2	5.0
B11529	I82054/B07554	28	12.5	26.3	58.0	106.0	2.0	45.0	1.5	3.4	17.0	2.0
B11578	I82054/B07554	76	12.1	32.2	48.0	105.0	2.5	60.0	3.0	4.5	12.7	4.0
B11585	I82054/B07554	83	10.0	17.0	46.0	95.0	1.0	46.6	2.2	1.2	35.6	3.0
B11605	I82054/B07554	102	9.2	24.1	59.0	109.0	3.0	70.0	2.0	4.2	9.1	3.0
B11599	I82054/B07554	96	9.0	25.0	54.0	110.0	2.5	80.0	2.0	6.2	13.9	4.0
B11524	I82054/B07554	23	8.6	22.8	0.0	111.0	3.5	55.0	1.5	8.4	5.5	4.0
B11541	I82054/B07554	39	3.5	28.7	52.0	109.0	4.0	35.0	1.5	5.8	6.3	4.0
MEAN (130)			17.9	24.7	50.7	100.7	2.4	61.9	3.1	3.4	27.7	3.6
LSD (0.05)			4.2	1.7	3.7	9.9	1.0	17.2	1.3	1.4	6.9	0.9
CV (%)			17.5	5.0	4.4	5.9	24.7	16.8	24.9	30.8	18.4	18.5