

## 2016 DRY BEAN YIELD TRIALS

EXPERIMENT	TITLE	PLANTING DATE	LOCATION	ENTRIES	DESIGN	REPS	HARVEST METHOD
6101	STANDARD NAVY BEAN YIELD TRIAL	06/02/16	SVR&EC FRANKENMUTH	48	ALPHA LATTICE	4	DIRECT HARVESTED
6102	STANDARD BLACK BEAN YIELD TRIAL	06/02/16	SVR&EC FRANKENMUTH	48	ALPHA LATTICE	4	DIRECT HARVESTED
6103	STANDARD GREAT NORTHERN YIELD TRIAL	06/02/16	SVR&EC FRANKENMUTH	64	SQ. LATTICE	3	DIRECT HARVESTED
6104	STANDARD PINTO BEAN YIELD TRIAL	06/02/16	SVR&EC FRANKENMUTH	32	ALPHA LATTICE	3	DIRECT HARVESTED
6105	STANDARD PINK & SMALL RED YIELD TRIAL	06/02/16	SVR&EC FRANKENMUTH	40	ALPHA LATTICE	4	DIRECT HARVESTED
6106	MIDWEST & CO-OP. REGIONAL TRIAL	06/03/16	SVR&EC FRANKENMUTH	36	SQ. LATTICE	3	DIRECT HARVESTED
6107	NATIONAL DRY BEAN DROUGHT TRIAL	06/03/16	SVR&EC FRANKENMUTH	30	REC. LATTICE	3	DIRECT HARVESTED
6208	STANDARD KIDNEY BEAN YIELD TRIAL	06/13/16	ENTRICAN MONTCALM	24	ALPHA LATTICE	4	ROD PULLED
6209	PRELIMINARY DARK RED KIDNEY TRIAL	06/10/16	ENTRICAN MONTCALM	80	ALPHA LATTICE	3	ROD PULLED
6210	PRELIMINARY LIGHT RED KIDNEY TRIAL	06/10/16	ENTRICAN MONTCALM	64	SQ. LATTICE	3	ROD PULLED
6211	PRELIMINARY WHITE KIDNEY TRIAL	06/10/16	ENTRICAN MONTCALM	88	ALPHA LATTICE	3	ROD PULLED
6212	PRELIMINARY YELLOW BEAN TRIAL	06/10/16	ENTRICAN MONTCALM	9	RCBD	3	ROD PULLED
6213	NATIONAL WHITE MOLD YIELD TRIAL	06/13/16	ENTRICAN MONTCALM	56	REC. LATTICE	3	DIRECT HARVESTED

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.

PESTICIDES APPLIED: 9.6 OZ. ASANA ON JULY 11.

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

HERBICIDES APPLIED: 2 PT. SONALAN/1.25 QT EPTAM/2PT. DUAL PPI. 4 OZ. RAPTOR/14 OZ. REFLEX/1 PT BASAGRAN ON JULY 12.

PESTICIDES APPLIED: 9.6 OZ. ASANA ON JULY 12.

IRRIGATION APPLIED: 3.3 INCHES - 5 APPLICATIONS ON ALL TRIALS;

## EXPERIMENT 6101 STANDARD NAVY YIELD TRIAL

PLANTED: 6/2/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
N14229	N11275/N11256	1	25.1	19.9	46.0	97	1.3	53.0	5.3	2.0
N14201	N11249/N11256	6	24.7	21.9	49.0	99	2.0	53.8	4.5	2.0
N15326	N12405/N12468	36	24.5	18.8	45.0	95	1.0	47.3	4.3	1.0
N14243	N11284/N11277	4	23.9	20.6	47.0	95	1.0	50.5	4.0	4.0
N15331	N12438/N12468	22	23.8	20.1	45.0	95	1.8	50.8	5.0	3.0
N15335	N12453/N11277	27	22.9	20.4	44.0	96	1.0	51.0	4.3	2.0
N15313	N11258/N11277	33	21.9	18.8	47.0	93	1.0	49.5	3.8	3.0
N14230	N11275/N11256	5	21.8	20.5	48.0	98	2.0	53.5	5.0	3.0
N13120	N08003/N05324	10	21.4	22.9	44.0	96	1.0	50.5	4.8	2.0
N16401	N09175/Alpena	42	21.4	22.1	44.0	94	1.0	48.3	4.0	1.0
N16405	N12466/N11264	46	21.4	18.1	46.0	95	1.8	51.3	5.3	2.0
N16404	N12454/N12440	45	21.2	21.3	44.0	96	1.5	47.0	3.8	2.0
N15339	N12468/N11292	28	21.0	18.5	48.0	99	1.8	53.0	4.8	2.0
N14210	N11256/N11262	11	21.0	24.3	47.0	97	1.5	48.8	3.5	2.0
N15337	N12466/N11258	37	20.3	20.6	46.0	96	1.5	51.8	4.8	2.0
N14218	N11256/N11298	2	19.9	19.6	47.0	96	1.0	52.3	5.5	3.0
N14205	N11256/N11258	17	19.7	22.2	49.0	98	1.3	53.8	5.0	3.0
N16406	Alpena//N11238/N09034	47	19.7	22.7	47.0	96	1.0	53.0	5.0	2.0
N15306	N11230/N11298	30	19.5	22.9	47.0	99	1.0	54.5	4.8	2.0
N15320	N11277/N11258	38	19.5	23.3	48.0	98	1.0	53.0	4.3	2.0
N14225	N11257/N11280	12	19.2	22.8	50.0	98	2.5	46.3	2.8	3.0
N15341	N12468/N12466	25	19.2	20.4	47.0	96	1.3	51.3	5.3	2.0
I10101	COOP 02084, <b>VIGILANT</b>	41	19.1	22.0	47.0	96	1.0	52.0	3.8	5.0
N11283	MEDALIST/N08003, <b>ALPENA</b>	7	18.8	20.9	45.0	99	1.0	53.5	5.0	2.0
I11264	COOP 03019, <b>MERLIN</b>	8	18.8	19.7	45.0	97	1.0	51.0	3.8	3.0
N16407	Alpena//N11238/N09034	48	18.8	21.4	47.0	98	1.0	53.5	4.3	3.0
N14223	N11257/N11256	19	18.6	19.9	45.0	99	2.0	49.5	3.8	2.0
N14216	N11256/N11292	13	18.2	20.9	46.0	99	1.3	54.5	4.5	2.0
N13142	N08007/N09046	3	18.2	20.6	46.0	100	1.8	49.0	3.8	2.0
N15346	N09020/B09204//B10238/B11343	31	18.1	17.8	46.0	92	1.0	45.8	3.5	4.0
N15336	N12466/N11238	32	18.0	17.3	45.0	97	1.0	51.5	4.0	3.0
N14240	Alpena/N11264	18	17.8	22.5	47.0	96	1.5	50.8	4.0	3.0
N14206	N11256/N11258	14	17.7	21.7	48.0	99	1.0	52.8	4.3	2.0
N16402	N11231/Alpena	43	16.9	20.4	45.0	100	1.3	54.8	4.5	2.0
N15340	N12468/N11298	40	16.9	27.0	50.0	98	1.3	53.0	5.3	1.0

## EXPERIMENT 6101 STANDARD NAVY YIELD TRIAL

PLANTED: 6/2/16

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)
N15321	N11277/N11258	29	16.9	22.7	46.0	95	1.0	51.8	3.8	4.0
I15621	<b>MIST</b>	15	16.3	20.9	44.0	100	1.0	51.3	3.5	1.0
N15319	N11277/N09034	34	16.3	20.7	46.0	97	1.0	50.0	4.0	2.0
N14238	Alpena/N11249	16	16.2	20.1	45.0	96	1.0	50.0	4.0	3.0
N15318	N11277/N09034	24	16.1	22.6	46.0	96	1.5	49.0	3.5	3.0
N14247	B11343/B11271	9	15.7	20.3	47.0	97	1.0	53.5	5.3	2.0
I08902	<b>HYLAND T9905</b>	20	15.5	24.0	47.0	100	1.5	51.8	3.8	2.0
N15328	N12405/N12468	39	15.4	19.8	46.0	95	1.0	51.8	4.8	4.0
I16725	08072, <b>BLIZZARD</b>	23	15.2	23.5	46.0	98	1.3	53.5	4.0	2.0
N15345	N11258//N11264/Merlin	26	14.9	23.8	49.0	99	1.5	52.3	4.3	3.0
N16403	N12440/N11257	44	14.2	23.1	45.0	98	1.0	50.5	5.0	2.0
I08958	Mayflower/Avanti, <b>MEDALIST</b>	21	13.3	22.3	47.0	100	1.5	51.8	3.8	2.0
I15628	<b>LIGHTHOUSE</b>	35	12.1	21.3	45.0	101	1.0	50.0	3.8	1.0
MEAN (48)			18.9	21.2	46.1	97.0	1.3	51.3	4.3	2.4
LSD (.05)			2.9	0.9	1.1	1.2	0.4	1.2	0.7	(1 rep)
CV (%)			13.2	3.7	1.4	1.1	25.7	2.1	13.6	35.9

## EXPERIMENT 6102 STANDARD BLACK YIELD TRIAL

PLANTED: 6/2/16

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)
B16504	Zenith//Alpena*/B09197	37	28.9	23.6	46.0	98	1.5	53.8	4.5	2.0
B16506	B11363//Alpena*/B09197	39	28.6	22.5	44.0	94	1.0	48.8	4.0	3.0
B16507	B12720/Zenith	40	27.3	27.5	46.0	96	1.0	52.8	4.8	2.0
B16501	Zenith/B10215	34	27.2	24.1	45.0	93	1.0	49.8	4.3	2.0
B15417	B10208/B09175	20	27.1	25.0	46.0	99	1.0	52.8	4.8	1.0
B15442	B11363/B09175	2	26.6	27.2	46.0	99	1.0	52.3	4.0	3.0
B15408	B09175/B10215	1	26.5	24.4	44.0	96	1.3	49.3	3.8	4.0
B16511	B13204//Alpena*/B09197	44	26.2	25.6	45.0	96	1.0	50.3	4.3	2.0
B15416	B10208/B09175	6	26.1	30.2	47.0	99	1.5	50.5	3.8	2.0
B15414	B09175/B11611	15	25.9	29.3	45.0	99	1.8	50.3	4.0	2.0
B16512	B13204//Alpena*/B09197	45	25.8	24.8	45.0	96	1.0	51.3	4.0	4.0
B15418	B10208/B09175	3	25.3	27.0	45.0	98	1.0	51.8	4.8	4.0
B15432	Zenith/B12721	21	25.2	26.9	46.0	97	1.0	53.3	4.3	4.0
B10244	B04644/ZORRO, <b>ZENITH</b>	27	25.1	26.0	46.0	99	1.0	52.8	4.3	3.0
B16505	B11363//Alpena*/B09197	38	24.9	23.5	44.0	92	1.0	49.0	4.5	2.0
B15451	B11371/B11363	7	24.8	22.4	47.0	97	1.0	53.3	4.8	2.0
B15427	Zenith/B11343	18	24.6	25.0	44.0	93	1.0	49.5	4.3	3.0
B15430	Zenith/B12721	8	24.4	25.6	44.0	95	1.3	51.3	4.5	4.0
B15464	B12709/B12721	23	24.4	27.6	46.0	98	1.0	54.3	6.0	2.0
B16508	B12720/Zenith	41	24.4	29.4	45.0	98	1.0	52.3	4.3	2.0
B15443	B11363/B09175	25	24.2	27.4	46.0	98	1.0	49.8	4.0	2.0
B15453	B11371/B11363	10	24.0	24.4	46.0	95	1.3	52.3	5.5	1.0
B16503	Zenith/B12720	36	23.7	27.6	47.0	97	1.3	52.3	4.5	1.0
B15434	Zenith/B12721	13	23.6	25.9	46.0	98	1.3	53.8	4.8	2.0
B15447	B11363/Zenith	28	23.4	25.7	45.0	97	1.0	52.3	4.3	3.0
B16510	B12720/B11363	43	23.1	22.9	46.0	98	1.5	51.8	4.5	2.0
B15438	B11334/Zenith	19	23.1	22.4	44.0	97	1.3	50.8	4.0	2.0
B15411	B09175/B11363	29	22.7	21.6	46.0	97	1.0	49.3	4.0	2.0
B16502	Zenith/B12710	35	22.6	24.0	45.0	98	1.0	52.8	4.0	2.0
B15421	B10208/B11611	16	22.5	23.4	44.0	96	1.0	49.8	3.8	2.0
I03390	ND9902621-2, <b>ECLIPSE</b>	33	22.5	23.1	44.0	93	1.0	49.0	3.8	2.0
B15439	B11334/Zenith	22	22.4	21.9	46.0	97	1.0	53.0	4.5	2.0
B15419	B10208/B09175	24	22.4	27.6	46.0	99	1.5	51.3	4.3	2.0
B16509	B12720/B11363	42	22.4	21.5	44.0	96	1.0	50.0	4.0	3.0
B15433	Zenith/B12721	9	22.3	25.6	46.0	98	1.0	54.5	4.5	3.0

## EXPERIMENT 6102 STANDARD BLACK YIELD TRIAL

PLANTED: 6/2/16

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)
B15441	B11343/B10213	5	22.3	22.0	43.0	93	1.0	47.8	3.8	2.0
B15407	B09175/B10215	4	22.2	26.4	47.0	99	1.8	50.8	4.0	2.0
B15431	Zenith/B12721	12	22.0	25.0	44.0	96	1.0	51.3	3.8	3.0
B15410	B09175/B11343	17	22.0	22.1	45.0	97	1.0	53.3	4.8	2.0
B15435	Zenith/B12721	14	22.0	26.3	46.0	99	1.0	52.3	4.3	3.0
B16513	Alpena*/B09197//B12720	46	21.6	23.8	46.0	99	1.3	51.0	4.5	2.0
B15457	B11594/Zenith	31	21.1	26.2	45.0	97	1.5	51.8	4.5	2.0
B15404	B09175/Zorro	26	20.9	24.3	46.0	95	1.0	49.0	3.5	4.0
B15425	Zenith/B10215	11	17.7	23.0	45.0	97	1.3	50.8	3.8	4.0
B15426	Zenith/B11343	30	17.5	21.5	46.0	99	1.0	51.3	3.8	5.0
I16708	XRAV-40-4	47	16.6	22.3	45.0	94	1.0	47.8	3.8	3.0
B04554	B00103*/X00822, <b>ZORRO</b>	32	16.0	20.9	45.0	99	1.0	52.3	4.0	2.0
I16709	BK 11-8	48	13.9	22.4	45.0	93	1.5	49.3	3.3	2.0
MEAN (48)	MEAN (48)		23.3	24.8	45.1	96.6	1.1	51.2	4.2	2.5
LSD (.05)	LSD (.05)		3.4	1.0	0.7	1.6	0.4	1.9	0.7	(1-rep)
CV (%)	CV (%)		12.4	3.5	0.9	1.4	27.1	3.1	13.3	35.6

## EXPERIMENT 6103 STANDARD GREAT NORTHERN AND TEBO YIELD TRIAL

PLANTED: 6/2/16

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
G16351	Eldorado/G13467	64	26.1	45.5	45.0	108	1.3	60.0	4.0
G16346	G13455/G13478	59	26.1	46.9	47.0	105	1.0	55.7	5.0
G16318	G11438/G12502	31	25.7	42.3	44.0	102	1.0	51.3	4.0
G16301	Powderhorn/GN9-4	14	25.2	36.7	44.0	97	1.0	50.7	4.3
G12901	G07321/Fuji, <b>SAMURAI</b>	1	24.7	26.5	46.0	108	2.3	53.7	4.0
G16309	G11404/G12502	22	24.5	36.0	45.0	99	1.0	51.7	5.0
G16350	Eldorado/G13467	63	23.8	40.5	43.0	109	1.0	55.0	3.3
G16341	G13467/G13463	54	23.0	34.3	46.0	110	1.3	57.0	3.3
G16339	G12508/G13478	52	22.8	34.5	47.0	103	1.7	53.0	5.0
G14510	G11471/G11469	2	21.9	35.1	49.0	110	1.0	56.7	3.3
G16314	G11429/G11438	27	21.8	39.1	43.0	109	1.0	55.7	4.3
G14503	G11404/G11469	5	21.7	41.4	44.0	101	1.0	52.7	4.0
G16338	G12508/G11429	51	21.6	37.8	50.0	109	2.0	51.7	3.7
G16317	G11438/G11464	30	21.4	43.3	44.0	102	1.0	52.7	4.3
G16349	G13455/G11429	62	21.1	35.0	42.0	106	1.0	54.7	4.3
G16305	Powderhorn/G12501	18	20.8	41.3	43.0	105	1.0	54.3	4.3
G16306	Powderhorn/G12501	19	20.8	38.0	45.0	107	1.0	53.0	3.7
G16328	G12508/G11464	41	20.7	37.0	43.0	99	1.0	52.0	4.7
G16342	G13467/G13455	55	20.5	39.5	44.0	110	1.3	57.3	3.3
G16347	G13467/G11429	60	20.5	40.7	50.0	107	1.3	55.7	4.3
G16319	G11464/G11404	32	20.3	37.2	42.0	99	1.0	51.0	4.0
G16324	G12502/Powderhorn	37	20.2	39.3	41.0	101	1.0	52.7	4.7
G16308	G11404/G12502	21	20.0	38.7	43.0	105	1.7	52.3	4.0
I15652	ND121630	13	19.7	43.1	45.0	110	1.0	54.7	3.3
G16311	G11416/G11438	24	19.7	36.5	43.0	105	1.3	52.7	4.0
G16332	G11429/Eldorado	45	19.6	35.2	45.0	110	1.7	54.3	3.3
G16345	G12508/G13455	58	19.5	37.4	43.0	109	1.0	55.3	4.0
G16344	Powderhorn//GN9-4/G12501	57	19.2	33.8	43.0	99	1.0	50.0	4.0
G14506	G11469/G11417	3	19.2	36.3	47.0	110	1.3	53.3	3.0
G16312	G11416/G11438	25	19.1	36.6	44.0	106	1.0	53.0	4.0
G16310	G11404/G12502	23	19.1	41.4	44.0	110	1.3	54.0	3.0
G16316	G11438/G11404	29	19.0	37.4	42.0	105	1.0	53.0	4.3
G16336	G12508/G11429	49	18.9	34.7	50.0	108	2.3	52.3	4.0
G16320	G11464/G12502	33	18.9	35.7	42.0	106	1.7	53.0	4.0
G16334	G11429/G11438	47	18.8	36.4	47.0	109	2.0	53.7	3.3

## EXPERIMENT 6103 STANDARD GREAT NORTHERN AND TEBO YIELD TRIAL

PLANTED: 6/2/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE
G16304	Powderhorn/G12501	17	18.5	38.9	42.0	97	1.0	49.3	3.7
G14505	G11429/P08175	4	18.5	26.2	44.0	105	1.0	54.0	4.0
G13444	G07302//G08274/P08410	9	18.5	40.3	42.0	105	1.0	50.3	3.7
G16315	G11438/Powderhorn	28	18.4	36.0	43.0	101	1.0	51.7	4.0
G13456	G08217//P08372/P08410	11	18.1	39.4	43.0	103	1.0	50.3	3.3
G16331	GN9-4/G12501	44	18.0	33.2	43.0	96	1.0	49.7	3.7
G16303	Powderhorn/G11416	16	17.8	42.6	43.0	98	1.0	49.3	4.0
G16325	G12508/G11416	38	17.8	35.0	43.0	107	1.3	52.0	4.0
G16321	G11464/G12502	34	17.8	38.7	43.0	107	1.0	52.7	3.7
G16337	G12508/G11429	50	17.8	35.2	50.0	108	2.0	52.3	3.7
G16307	G11404/G11416	20	17.6	36.6	44.0	111	2.0	53.7	3.0
G13468	G08259//Eldorado/G08210	6	17.4	40.0	46.0	110	1.3	54.7	3.3
G08254	G04514/Matterhorn, <b>POWDERHORN</b>	12	17.3	39.2	41.0	97	1.0	49.7	4.0
G14525	P09425/G11429	7	16.8	43.6	42.0	109	1.3	53.3	3.0
G16323	G11464/G12508	36	16.8	37.3	42.0	103	1.0	52.3	4.0
G16330	GN9-4/G12501	43	16.7	29.2	44.0	97	1.0	49.3	4.3
G16313	G11429/G11438	26	16.6	36.5	43.0	109	1.3	53.7	3.3
G16302	G08254/GN9-4	15	16.5	36.2	44.0	97	1.0	50.7	4.0
G16343	Powderhorn//GN9-4/G12501	56	16.3	31.4	44.0	99	1.7	52.3	4.3
G16329	G12508/Stampede-R	42	16.3	26.6	42.0	101	1.0	50.7	4.0
G16322	G11464/G12502	35	16.2	34.4	43.0	104	1.0	51.0	4.0
G16333	G11429/G11438	46	16.1	37.0	46.0	109	1.7	52.3	3.3
G16335	G11429/G13467	48	15.9	41.9	49.0	110	1.3	55.3	3.7
G16348	ND09708/P12603	61	15.7	38.5	43.0	109	1.7	53.7	3.7
G13479	Eldorado/G09312	10	14.9	33.8	43.0	107	1.0	54.7	4.0
G16326	G12508/G11438	39	14.7	34.4	43.0	97	1.0	49.7	4.0
G16352	Stampede-R/G12502	8	12.5	43.4	44.0	110	1.0	54.0	3.0
G16327	G12508/G11438	40	12.5	32.7	42.0	97	1.0	49.3	4.3
G16340	G12508/G13478	53	12.0	33.5	50.0	108	1.7	54.0	3.7
MEAN (64)			19.2	37.2	44.1	104.8	1.3	52.9	3.9
LSD (.05)			3.1	1.7	0.7	3.5	0.4	1.4	0.6
CV (%)			11.9	3.4	0.9	2.4	26.5	1.9	10.7

## EXPERIMENT 6104 STANDARD PINTO YIELD TRIAL

PLANTED: 6/2/16

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
P16911	P12610/P11519	21	25.0	39.0	44.0	101	1.0	54.0	5.3
P16902	P11519/P12610	12	24.0	39.5	45.0	102	1.0	52.3	4.7
P14812	P09425/P08161	6	22.7	42.8	43.0	97	1.0	50.0	4.0
P16913	P12610/LONG'S PEAK	23	22.3	43.8	46.0	101	1.0	51.7	6.0
P16905	P11519/P12610	15	21.8	41.7	46.0	104	1.3	54.3	4.7
P16909	P12604/P12610	19	21.6	40.4	45.0	104	1.0	53.3	4.3
P16901	Eldorado/P11519	11	21.6	43.7	47.0	104	1.7	53.3	4.3
P16903	P11519/P12610	13	20.8	40.6	45.0	100	1.0	53.3	5.3
P16918	CO 91212-3/P12613	28	20.7	40.6	44.0	100	1.0	50.3	4.3
P16914	P11519/G13467	24	20.0	40.1	47.0	104	1.3	54.3	4.0
P16908	P12604/P12610	18	19.6	39.0	44.0	102	1.0	50.7	3.7
I07113	PNE-6-94-75/Kodiak, <b>LAPAZ</b>	2	19.2	42.4	46.0	103	2.0	53.7	4.0
P14814	P11522/LONG'S PEAK	4	19.1	47.5	47.0	107	1.3	53.7	4.0
P14815	P11522/LONG'S PEAK	3	18.7	41.3	44.0	103	1.0	55.3	4.7
P16910	P12610/P11519	20	18.6	38.2	44.0	103	1.0	54.0	5.0
P16906	P11519/P12610	16	18.6	36.3	44.0	98	1.0	51.0	4.3
P16907	P12604/P12610	17	18.2	35.9	45.0	99	1.0	50.0	4.3
P14802	P08162/P11518	5	18.2	44.3	46.0	104	1.7	53.3	4.0
P16904	P11519/P12610	14	18.0	41.7	45.0	103	1.0	54.0	5.3
P16917	CO 91212-3/P12610	27	17.9	40.0	46.0	104	1.0	51.3	4.0
P16920	15-16T395	30	17.8	40.0	42.0	105	1.0	55.3	4.0
P07863	AN-37/P02630, <b>ELDORADO</b>	1	17.7	41.3	44.0	108	2.3	54.0	4.0
P11519	SANTA FE/P07806	10	17.6	44.6	49.0	104	1.7	55.7	4.0
P16915	P12613/P13704	25	17.3	35.8	43.0	97	1.0	49.7	3.7
P16912	P12610/P12604	22	16.8	41.7	46.0	102	1.0	52.3	4.3
P13701	G09305/Eldorado	7	16.5	36.3	45.0	104	1.0	50.0	3.3
I09109	CO55646, <b>LONG'S PEAK</b>	9	15.7	38.5	44.0	106	1.0	53.7	4.0
P11523	P04203/P06125	31	15.6	42.3	44.0	102	1.0	51.0	4.0
I15647	CO 14790-3	32	15.5	40.8	47.0	108	2.0	52.7	4.0
P16916	P13704/Medicine Hat	26	15.0	38.8	43.0	102	1.0	53.0	3.3
P16919	PT11-61/P12610	29	13.3	36.8	44.0	104	1.0	51.0	3.0
I14520	Santa Fe/PS08-108, SF103-8, <b>PALOMINO</b>	8	11.1	28.9	43.0	104	1.3	52.7	3.7
MEAN (32)	MEAN (32)		18.6	40.1	44.7	102.8	1.2	52.7	4.2
LSD (.05)	LSD (.05)		2.6	1.4	2.7	3.6	0.3	1.6	0.7
CV (%)	CV (%)		10.1	2.6	3.5	2.6	20.7	2.2	11.9



## EXPERIMENT 6105 STANDARD RED AND PINK YIELD TRIAL

PLANTED: 6/2/16

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
I13401	SR 09303, <b>VIPER</b>	1	25.8	33.1	49.0	106	1.0	53.7	4.0
S16808	S08418/S12906	38	24.5	36.6	44.0	100	1.0	51.7	4.7
R12844	SR9-5/R09508	5	24.1	40.1	47.0	105	1.0	54.3	4.3
I13446	SR 09304, <b>RUBY</b>	2	24.0	34.1	48.0	104	2.0	49.3	4.0
R16512	R12840/R13026	22	23.6	35.3	44.0	100	1.0	53.3	4.0
R16518	S12909/I13423	28	23.3	36.6	45.0	103	1.0	51.3	4.3
R16503	R12859/R13506	13	23.0	35.5	46.0	105	1.0	56.0	6.3
R16521	R98026/I11207	10	22.8	44.6	45.0	106	1.0	53.0	3.7
R16519	S12909/I13423	29	22.7	33.6	44.0	104	1.0	51.3	4.3
R98026	R94037/R94161, <b>MERLOT</b>	4	22.6	40.8	44.0	104	1.3	53.7	4.0
R16522	R98026/I11207	40	22.5	42.9	45.0	106	1.0	55.3	4.3
R16509	R12840/R12828	19	22.5	32.5	44.0	106	1.0	51.7	3.7
S16807	S08418/S12909	37	22.2	36.4	45.0	102	1.0	54.3	5.0
S16804	S08418/S12904	34	21.8	37.4	44.0	102	1.0	55.7	4.7
S16809	S12906/R11614	39	21.2	37.3	45.0	104	1.0	53.3	5.0
R16514	R12859/S12904	24	21.2	39.4	48.0	106	1.0	55.0	4.7
S16801	R12859/S12904	31	20.9	33.9	43.0	100	1.0	53.0	4.0
R16516	R11614/I10126	26	20.0	28.5	44.0	100	1.0	52.0	4.7
R16501	R12828/R12859	11	19.6	30.9	44.0	97	1.0	50.0	4.7
R16510	R13517/R12828	20	19.6	30.2	45.0	105	1.0	53.0	4.0
R16517	R11610/I10126	27	19.3	29.0	43.0	97	1.0	49.0	4.0
R16515	R12859/S12904	25	19.2	34.0	44.0	108	1.0	55.0	4.0
S16803	S12906/R13423	33	19.1	31.6	43.0	101	1.0	51.0	4.0
S14706	Rosetta/S11707	7	19.0	43.6	45.0	108	1.3	50.0	3.7
R11806	X07714/X07710, <b>GYPSY ROSE</b>	9	19.0	34.6	49.0	107	2.0	47.0	4.0
R11801	X07712/X07721, <b>DESERT SONG</b>	8	18.9	34.0	43.0	97	2.0	47.7	4.0
R13752	Merlot/SER48	3	18.8	41.2	45.0	106	1.0	55.7	4.0
S08418	S02754/S04503, <b>ROSETTA</b>	6	18.8	40.0	48.0	104	1.0	54.3	5.0
R16508	BC037/R12859	18	18.6	32.3	43.0	99	1.3	50.0	3.7
R16504	R12859/R13506	14	18.6	40.9	50.0	107	1.0	62.3	4.0
R16506	BC037/R12859	16	18.3	31.2	45.0	105	1.0	53.7	4.3
R16511	R13517/R12828	21	17.2	31.9	45.0	106	1.0	54.0	4.0
R16507	BC037/R12859	17	16.6	34.0	49.0	107	1.0	56.0	4.3
S16805	I12309/S08418	35	15.1	38.5	45.0	107	1.0	57.0	4.3
S16806	I12309/S08418	36	15.0	37.4	46.0	106	1.0	55.3	4.7
R16502	R12828/R12859	12	13.4	35.5	44.0	108	1.0	52.0	3.3
R16520	S12909/BC037	30	13.4	29.0	44.0	106	1.0	50.0	3.7
R16505	R13825/R12859	15	13.3	35.5	45.0	110	1.0	55.7	4.0
S16802	BC037/S12906	32	12.0	27.5	44.0	103	1.0	49.7	3.7
R16513	R13506/R12859	23	7.8	39.5	47.0	108	1.0	54.3	4.0
MEAN (40)			19.5	35.5	45.0	104.1	1.1	53.0	4.2
LSD (.05)			3.1	1.4	1.8	2.4	0.1	1.8	0.6
CV (%)			11.7	3.0	2.4	1.7	5.0	2.4	11.1

## EXPERIMENT 6106 MRPN/CDBN YIELD TRIAL

PLANTED: 6/3/16

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
G12901	G07321/Fuji, <b>SAMURAI</b>	26	32.9	28.9	47.0	108	2.0	52.0	4.0
I13401	SR 09303, <b>VIPER</b>	34	32.6	36.0	48.0	107	2.0	51.7	4.0
I15633	PT 9-5-6	19	29.7	41.2	45.0	102	1.7	51.3	5.0
I16707	ND121315	11	28.7	42.0	44.0	101	1.0	53.3	4.3
G14505	G11429/P08175	3	27.5	27.5	44.0	105	1.0	56.0	5.0
R12844	SR9-5/R09508	32	27.5	41.7	45.0	105	1.7	55.3	4.7
I14509	PT11-13	20	26.2	44.3	43.0	106	1.7	54.3	4.0
I15650	CO 25069-2	5	25.9	42.9	42.0	99	1.0	54.0	4.0
R98026	R94037/R94161, <b>MERLOT</b>	35	25.7	41.2	45.0	103	1.7	53.7	4.0
I16705	ND121448	9	25.5	41.2	46.0	105	1.3	57.0	5.7
I07113	PNE-6-94-75/Kodiak, <b>LAPAZ</b>	27	24.9	45.7	47.0	104	2.0	53.0	4.0
G13444	G07302//G08274/P08410	2	24.4	40.1	42.0	103	1.0	53.0	5.0
I16702	CO 14330-10	4	23.5	45.6	45.0	107	2.0	53.0	3.7
I16721	NE2-15-5	14	23.2	51.0	43.0	108	2.3	50.3	3.0
P14815	P11522/LONG'S PEAK	1	22.5	43.1	45.0	102	1.0	55.3	5.7
R13752	Merlot/SER48	33	21.8	43.9	45.0	106	1.0	56.3	4.0
P07863	AN-37/P02630, <b>ELDORADO</b>	36	20.8	44.0	46.0	109	2.0	54.0	4.0
I15647	CO 14790-3	23	20.7	44.3	47.0	110	2.0	51.7	3.7
I16711	ACUG 13-SR1	31	19.4	26.3	48.0	103	2.0	51.7	5.0
I15644	COSD-35	22	19.3	43.6	45.0	110	2.0	52.7	3.3
G93414	<b>MATTERHORN</b>	18	18.9	37.4	42.0	97	1.7	49.0	4.0
I15652	ND121630	6	18.6	46.0	45.0	111	1.7	54.3	3.0
I16706	ND121479	10	18.4	45.7	49.0	108	1.3	56.0	3.7
I16719	NE1-15-11	12	18.1	38.2	42.0	107	1.7	48.0	3.0
I99117	<b>BUSTER</b>	16	17.9	37.4	42.0	97	2.0	46.7	2.7
I98313	CO51715, <b>MONTROSE</b>	17	17.7	40.3	42.0	95	3.3	35.0	1.7
I16710	NE12-15-161	25	17.5	45.4	42.0	106	2.3	47.7	3.0
I16722	NE2-15-19	15	17.0	44.6	41.0	98	2.0	50.0	3.0
I16720	NE1-15-28	13	16.8	41.0	43.0	111	2.3	51.7	3.0
I84002	NW410//VICTOR/AURORA, <b>OTHELLO</b>	28	15.6	38.8	39.0	95	2.3	46.3	2.3
I15642	COSD-7	21	14.6	41.3	43.0	110	2.0	51.7	3.7
I13450	CO 91212-4, <b>CENTENNIAL</b>	24	12.4	40.6	43.0	110	2.0	53.3	3.0
I16701	RM 75P	30	12.3	33.7	40.0	95	1.0	45.7	2.7
I14520	Santa Fe/PS08-108, SF103-8, <b>PALOMINO</b>	29	11.9	37.9	43.0	110	2.0	51.7	3.0
I16703	ND121660	7	10.2	43.3	44.0	111	2.0	52.0	3.0
I16704	ND112843	8	9.2	38.8	43.0	112	2.7	47.3	2.7
MEAN (36)			20.8	40.7	43.8	105.0	1.8	51.6	3.7
LSD (.05)			3.1	1.8	2.3	2.2	0.5	2.1	0.6
CV (%)			11.0	3.3	3.1	1.6	21.1	3.0	12.3

## EXPERIMENT 6107 DRYBEAN DROUGHT NURSERY YIELD TRIAL

PLANTED: 6/3/16

NAME	PEDIGREE	ENTRY	YIELD CWT /ACRE	100 SEED WT. (g)	DAYS TO FLOWER	DAYS TO MATURITY	LODGING (1-5)	HEIGHT (cm)	DES. SCORE
B14302	B09197/B11334	11	31.1	22.8	49.0	99	1.7	55.0	6.0
B10244	B04644/ZORRO, <b>ZENITH</b>	14	31.0	28.2	48.0	106	2.0	51.7	4.0
I16713	B07554/TARS09-RR16, SB2_328	5	29.4	25.7	48.0	105	2.0	52.7	4.0
I15633	PT 9-5-6	19	28.4	38.6	44.0	101	2.0	51.3	4.7
B14311	B11338/B10241	13	27.1	22.4	49.0	103	1.0	53.3	4.7
B14303	B09197/B11334	12	26.8	22.6	49.0	103	1.3	56.3	5.7
R13752	Merlot/SER48	10	26.5	43.5	43.0	106	1.3	55.3	4.3
I05834	ND020351, <b>STAMPEDE</b>	27	25.6	44.9	42.0	107	2.0	52.0	3.7
P07863	AN-37/P02630, <b>ELDORADO</b>	30	25.5	43.6	44.0	109	2.0	54.7	4.0
R12844	SR9-5/R09508	28	25.4	42.6	46.0	107	1.3	55.3	4.7
R98026	R94037/R94161, <b>MERLOT</b>	26	24.8	41.7	42.0	107	1.3	55.0	4.0
I14509	PT11-13	20	24.5	42.5	43.0	106	2.0	53.3	4.0
I16717	P00646/TARS PT03-1//CBB-5/456-4, SB2_259_0	9	24.5	32.1	41.0	95	1.0	48.0	3.3
I14546	(USPT-ANT)x('Matterhornx98078-5-1-5-1)	1	23.9	42.3	40.0	102	1.0	49.0	3.0
I14548	Merlotx(MerlotxSER 16)	2	22.9	39.2	42.0	105	2.3	49.7	3.0
P14815	P11522/LONG'S PEAK	29	22.8	45.0	46.0	103	1.0	55.0	5.3
I16714	ABC USPT-CBB-5/Stampede, SB2_143	6	22.4	34.9	40.0	100	1.7	51.7	3.7
I06251	CO23704, <b>CROISSANT</b>	22	20.8	38.0	42.0	108	2.7	49.0	3.0
BC205	NE2-09-4	18	19.7	43.6	43.0	97	1.7	47.3	3.0
I14553	Merlotx(05F-5055-1x98020-3-1-6-2)	3	19.3	35.3	43.0	102	1.3	51.3	3.7
I16712	Matterhorn/EMP509, SB2_20_1	4	18.8	34.1	45.0	98	2.7	48.3	2.7
G93414	<b>MATTERHORN</b>	24	18.1	37.5	41.0	98	1.3	49.0	3.7
I16716	SB2_171, MATT/G21212///MATT/DOR364//USPT-ANT1/H405-8-1-1	8	17.1	28.3	43.0	105	3.0	47.0	3.0
I13450	CO 91212-4, <b>CENTENNIAL</b>	21	16.6	41.4	41.0	110	2.0	51.7	3.0
BC201	NE1-09-20	16	16.6	41.4	43.0	110	2.0	52.3	3.0
I16715	Matterhorn/EMP84, SB2_105	7	16.1	28.7	43.0	101	2.0	50.0	3.3
I16718	CO 46348	23	15.2	35.0	40.0	95	3.7	41.0	2.3
BC202	NE1-09-22	17	10.5	46.4	44.0	110	2.7	50.3	3.0
BC200	NE1-09-19	15	7.3	38.8	41.0	112	3.3	46.3	2.7
BC138	<b>MARQUIS</b>	25	6.9	38.2	41.0	110	4.3	41.3	2.0
MEAN (3C			21.5	36.6	43.4	104.0	2.0	50.8	3.7
LSD (.05)			3.1	1.8	1.6	2.7	0.6	2.2	0.7
CV (%)			10.5	3.6	2.2	1.9	21.0	3.2	13.8

## EXPERIMENT 6208 STANDARD KIDNEY YIELD TRIAL

PLANTED: 6/13/16

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)
I15620	DRK 07323, <b>CHAPARRAL</b>	6	40.0	51.5	37.0	100	2.0	47.5	3.8	2.0
K15304	K11306/K11916	7	39.4	55.1	37.0	100	1.0	50.5	4.8	2.0
K15601	K11306/K11916	11	39.3	54.5	36.0	101	1.0	51.3	4.8	1.5
K11306	K06621/USDK-CBB-15	23	37.1	54.2	37.0	100	1.0	49.0	5.0	1.8
I92014	<b>ETNA</b>	10	35.3	65.0	35.0	95	1.0	45.8	3.5	3.0
C13413	C07411/C08712	21	35.1	54.6	35.0	95	1.0	46.0	4.5	3.5
K15901	K11714/K11914	13	34.6	64.3	35.0	97	1.0	48.0	4.3	3.3
K90101	CHAR/2*MONT, <b>RED HAWK</b>	15	34.3	61.1	38.0	99	1.3	48.3	3.8	2.8
I13421	ND061106, <b>ROSIE</b>	1	34.1	54.3	37.0	101	1.5	51.0	4.5	2.5
I13420	ND061210, <b>TALON</b>	14	33.9	55.4	37.0	99	2.0	48.8	3.8	3.0
K08961	K04604/USDK-CBB-15, <b>SNOWDON</b>	20	33.9	69.5	35.0	96	1.0	47.8	4.5	2.8
C13414	C08714/BELLAGIO	19	33.0	58.5	35.0	94	1.3	46.5	4.8	3.3
K15302	K11303/K11308	5	32.8	52.3	36.0	98	1.0	48.5	4.5	3.0
I13422	ACUG 10-W1, <b>YETI</b>	8	32.4	57.1	37.0	102	1.3	50.5	3.8	2.8
K15303	K11303/K11308	4	32.3	51.6	36.0	98	1.0	50.5	4.8	3.0
K74002	MDRK/CN(3)-HBR(NEB#1), <b>MONTCALM</b>	18	32.0	56.9	38.0	103	1.8	50.0	3.3	3.5
I11201	Pink Panther//ZAA/Montcalm, <b>CLOUSEAU</b>	9	31.0	65.2	35.0	97	1.8	49.5	3.0	4.0
I15622	<b>DYNASTY</b>	2	30.8	63.3	36.0	100	2.0	50.5	3.8	3.8
I90013	<b>CELRK</b>	17	29.2	63.4	35.0	94	1.0	44.0	3.5	4.5
K90902	BEA/50B1807//LASSEN, <b>BELUGA</b>	3	28.1	63.1	37.0	102	1.3	51.3	4.0	3.3
K15906	K08961/K12811	16	27.3	68.0	34.0	96	1.0	48.0	4.5	3.5
K01234	Mutant of Red Hawk, <b>REDCOAT</b>	24	27.3	62.2	35.0	98	1.0	47.8	4.0	3.0
I15619	LRK 09351, <b>BIG RED</b>	12	27.2	61.4	35.0	95	1.0	48.0	4.0	3.8
K14807	Snowdon/Isabella	22	22.9	57.2	35.0	93	1.3	47.3	5.0	3.0
MEAN (24)			32.6	59.1	35.8	97.8	1.3	48.6	4.2	3.0
LSD (.05)			4.6	2.4	2.1	2.1	0.3	1.7	0.5	0.8
CV (%)			11.8	3.4	3.4	1.8	22.7	3.0	10.1	22.0

## EXPERIMENT 6209 PRELIMINARY DARK RED KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY				
K16136	K12206/I07151	36	43.9	53.9	38.0	101	1.0	49.5	5.0	2.3
K16117	K74002/K12225	17	43.7	50.4	40.0	101	1.5	49.5	4.5	2.0
K16135	K12206/I07151	35	42.7	59.0	38.0	101	1.0	49.5	5.0	2.0
K16119	K08961/K12602	19	42.7	51.7	40.0	102	1.0	50.5	4.5	2.0
K16107	K12203/K11320	7	42.4	48.0	43.0	98	1.5	50.5	5.0	2.0
K16126	K11320/I07151	26	42.1	49.1	42.0	103	1.0	50.5	4.0	2.3
K16109	K12205/K11320	9	41.3	54.8	42.0	101	1.0	50.0	5.0	1.7
K16101	K08961/K11919	1	41.1	56.1	42.0	103	1.0	52.5	4.5	2.0
K16121	K08961/K12602	21	40.5	50.8	40.0	100	1.0	49.5	5.5	1.7
K16134	K12206/I07151	34	40.5	56.6	38.0	101	1.0	49.5	4.5	2.0
K16104	K11917/K12219	4	40.0	56.8	36.0	95	1.0	47.0	4.5	2.0
K16148	K11306/I13464	48	39.9	51.8	38.0	101	1.0	50.5	5.0	2.3
K16128	K11320/I07151	28	39.7	49.2	40.0	102	1.0	50.0	4.5	2.0
K16131	K11914/K12209	31	39.1	66.5	40.0	102	1.0	51.5	4.5	2.3
K16153	K12803/K12811	53	38.9	53.4	43.0	105	1.0	54.0	3.0	1.7
K16110	K12205/K11320	10	38.5	53.5	42.0	101	1.0	51.5	5.0	1.7
K16147	K11306/I13464	47	38.2	51.6	40.0	100	1.0	50.5	5.0	2.0
I13421	ND061106, <b>ROSIE</b>	79	37.9	55.0	39.0	102	1.5	50.5	4.0	3.0
K16137	K12225/K11303	37	37.8	53.9	42.0	101	1.0	51.0	5.0	3.0
K16106	K12203/K11320	6	37.7	41.4	47.0	96	1.0	51.0	4.5	1.3
K16146	K11306/I13464	46	37.3	53.3	38.0	99	1.0	49.5	5.0	2.7
K16120	K08961/K12602	20	36.7	49.2	39.0	100	1.0	49.0	5.0	1.7
K16149	K12206/K08961	49	35.8	53.7	43.0	96	1.0	51.0	5.0	3.0
K16152	K13902/K12206	52	35.6	50.3	46.0	105	1.0	54.0	3.0	2.0
K16108	K12203/K11320	8	35.3	43.5	46.0	96	1.5	50.5	4.5	2.0
K16118	K74002/K12225	18	35.3	46.3	44.0	100	2.5	47.5	3.0	2.0
K16127	K11320/I07151	27	34.4	46.2	42.0	101	1.0	51.0	5.0	3.0
K16125	K77002/K12209	25	34.2	48.9	45.0	99	1.0	54.5	4.5	3.7
K16130	K11320/I07151	30	34.2	49.1	42.0	98	1.0	50.0	5.0	3.0
K16102	K11320/K12219	2	34.1	51.9	41.0	100	1.5	49.5	4.5	2.3
I15620	DRK 07323, <b>CHAPARRAL</b>	78	33.9	52.7	38.0	98	2.0	48.5	3.5	3.0
K16123	K77002/K12209	23	33.6	52.9	42.0	98	1.0	53.0	4.0	3.3
K16129	K11320/I07151	29	33.2	48.5	41.0	99	1.0	52.0	5.0	3.0
K16133	K12206/I07151	33	33.1	59.5	38.0	99	1.5	49.5	5.0	3.3
K16122	K77002/K12209	22	33.0	55.4	40.0	96	1.0	49.5	4.5	3.7

## EXPERIMENT 6209 PRELIMINARY DARK RED KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
K16111	K12206/K11320	11	32.8	56.0	37.0	104	1.0	49.0	4.0	2.0
K16112	I13463/K12219	12	32.3	47.6	39.0	104	1.0	53.0	3.5	2.7
I13420	ND061210, <b>TALON</b>	77	32.1	52.7	41.0	97	2.0	48.0	3.5	3.0
K16141	I07151/K12219	41	31.9	54.8	38.0	98	1.0	50.5	5.0	3.0
K16115	I13463/K12219	15	31.6	50.8	39.0	100	1.0	50.5	4.5	2.7
K16166	K13302/K12214	66	31.6	55.0	38.0	100	1.5	49.5	4.5	3.0
K16124	K77002/K12209	24	31.3	46.8	42.0	94	1.0	52.0	3.5	3.7
K16114	I13463/K12219	14	31.2	54.3	39.0	102	1.0	49.5	4.5	2.7
K16165	K13302/K12214	65	30.8	58.4	38.0	97	1.0	49.0	5.0	3.7
K16143	I07151/K12219	43	30.7	58.3	38.0	97	1.0	47.0	4.0	4.0
K16145	K11320/I13462	45	30.7	56.4	37.0	96	1.0	46.5	4.5	3.7
K16132	K12206/I07151	32	30.7	55.6	40.0	97	1.0	49.5	5.0	3.0
K16168	K13302/K12214	68	30.6	55.1	38.0	98	1.0	50.0	5.0	3.0
K16169	K13302/K12214	69	29.8	56.0	38.0	96	1.0	48.0	4.5	3.3
K16150	K74002/I93127	50	29.6	52.9	38.0	97	1.0	48.5	4.5	3.7
K90101	CHAR/2*MONT, <b>RED HAWK</b>	75	29.5	52.2	37.0	97	1.0	48.5	5.0	3.7
K08961	K04604/USDK-CBB-15, <b>SNOWDON</b>	80	29.5	62.9	37.0	93	1.0	48.0	5.0	4.0
K16167	K13302/K12214	67	29.5	55.5	38.0	96	1.0	47.5	4.0	3.3
K74002	MDRK/CN(3)-HBR, <b>MONTCALM</b>	76	29.4	54.4	38.0	100	2.0	48.5	4.0	3.3
K16140	I06214/K12214	40	29.3	54.4	40.0	100	1.0	51.0	5.0	3.7
K16144	I07151/K12219	44	29.2	54.2	38.0	95	1.0	48.5	4.5	3.7
K16103	K11320/K12219	3	29.1	48.2	41.0	97	1.5	49.0	4.5	3.3
K16142	I07151/K12219	42	29.0	49.5	38.0	94	1.0	46.5	3.5	3.3
K16116	I13463/K12219	16	28.4	50.3	39.0	96	1.0	50.5	4.5	3.0
K16170	K13302/K12214	70	28.0	56.6	39.0	97	1.0	48.0	4.5	3.0
K16113	I13463/K12219	13	27.9	44.9	38.0	100	2.0	49.5	3.5	3.0
K16163	K13302/K12214	63	27.9	55.2	38.0	96	1.0	48.5	4.5	3.3
K16151	K74002/I93127	51	27.8	53.2	39.0	95	1.0	47.0	4.0	4.0
K16157	I06214/K11320	57	27.8	48.5	38.0	99	1.5	51.0	4.0	3.3
K16160	K12601/I10135	60	27.3	53.9	39.0	97	1.0	47.0	4.5	3.3
K16138	I06214/K12214	38	27.1	55.2	39.0	102	1.0	51.5	3.5	3.0
K16162	K13302/K12214	62	26.7	52.2	38.0	95	1.0	48.0	4.5	3.3
K16172	K13302/K12214	72	26.4	59.5	37.0	95	1.0	46.5	4.5	3.3
K16139	I06214/K12214	39	26.4	57.5	41.0	101	1.0	53.0	3.5	3.0
K16173	K13302/K12214	73	26.1	56.7	38.0	96	1.0	47.5	4.0	3.7

**EXPERIMENT 6209 PRELIMINARY DARK RED KIDNEY YIELD TRIAL**

**PLANTED: 6/10/16**

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
K16154	K12803/K12811	54	25.9	55.0	37.0	98	1.0	51.5	3.5	3.7
K16164	K13302/K12214	64	25.7	50.8	38.0	95	1.0	48.5	4.0	3.3
K16161	K13302/K12214	61	25.7	51.2	38.0	98	1.0	49.0	5.0	3.7
K16156	I06214/K11320	56	25.4	50.2	48.0	101	1.0	52.0	4.0	2.7
K16159	I13464/K77002	59	24.0	46.0	38.0	104	1.0	53.5	3.5	3.0
K16155	I06214/K11320	55	23.4	52.1	38.0	100	1.0	50.0	4.0	3.0
K16171	K13302/K12214	71	21.9	52.1	37.0	94	1.0	46.5	4.5	4.3
K16105	K11917/K12219	5	21.8	52.6	36.0	94	1.0	45.0	3.5	5.0
K16174	I13464/K74002	74	16.6	55.2	49.0	106	1.0	54.0	3.0	2.7
K16158	I13463/K12214	58	15.5	40.2	45.0	104	1.0	53.5	3.0	3.0
MEAN (80)			32.3	52.7	39.6	98.6	1.1	49.8	4.3	2.9
LSD (.05)			3.2	1.2	0.6	1.0	0.3	1.4	0.7	0.5
CV (%)			7.4	1.4	0.9	0.6	18.4	1.6	9.7	13.2

## EXPERIMENT 6210 PRELIMINARY LIGHT RED KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD	100 SEED	DAYS TO	DAYS TO	LOGGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
K16640	K11914/K12209	40	46.4	61.4	40.0	103	1.5	50.5	3.5	2.0
K16647	K13902/K12206	47	40.3	58.6	42.0	103	1.0	50.5	4.0	2.0
K16657	K13603/H9659-21-1	57	39.6	56.8	38.0	98	1.0	46.0	4.0	3.0
K16656	K13603/H9659-21-1	56	39.5	56.2	38.0	98	1.0	49.0	4.5	3.3
K16655	K11713/K13902	55	39.2	62.4	37.0	95	1.0	45.0	4.5	2.3
K16652	K11713/K13902	52	38.5	60.1	37.0	95	1.0	46.0	4.5	2.7
K16646	K13902/K12206	46	38.1	57.9	46.0	105	1.0	49.5	3.5	2.0
K16638	K11714/K12811	38	37.6	59.7	37.0	95	1.0	45.0	4.5	2.0
I13421	ND061106, <b>ROSIE</b>	64	37.4	53.4	40.0	100	1.5	49.0	4.5	3.0
K16607	K11709/K13602	7	37.1	54.9	40.0	99	1.0	49.0	4.0	3.0
K16613	K11714/Isabella	13	36.8	55.3	40.0	97	1.0	47.0	4.0	3.7
K16654	K11713/K13902	54	36.6	59.4	37.0	96	1.0	46.5	4.5	2.3
K16658	K13603/H9659-21-1	58	36.3	57.5	39.0	98	1.0	46.0	3.5	3.3
K16605	K11709/K13602	5	36.3	56.9	38.0	96	1.0	48.5	5.0	3.3
K16644	K12602/K13602	44	35.9	43.8	40.0	94	1.0	46.5	3.5	3.0
K16622	CBB-15/Snowdon	22	35.3	58.8	42.0	98	1.0	50.0	4.5	3.0
K16609	K11714/Isabella	9	35.2	57.3	44.0	100	1.0	50.5	4.0	3.0
K16661	K13603/H9659-21-1	61	34.9	51.5	39.0	101	1.0	50.5	4.0	3.0
K16623	CBB-15/Snowdon	23	34.6	57.8	43.0	96	1.0	50.0	4.5	3.0
K16624	CBB-15/Snowdon	24	33.8	58.8	39.0	97	1.5	48.5	4.5	3.0
K16643	K12602/K13602	43	33.7	49.5	42.0	96	1.5	47.0	3.5	3.0
K16639	K11714/K12811	39	33.5	58.9	37.0	95	1.0	46.0	5.0	2.3
K16637	K11709/K12601	37	33.4	48.6	39.0	96	1.0	48.0	5.0	3.0
K16649	K13902/K12206	49	33.2	58.6	45.0	104	1.0	51.5	3.5	1.7
K16606	K11709/K13602	6	33.0	50.1	39.0	100	1.5	48.0	4.5	3.0
K16659	K13603/H9659-21-1	59	32.9	54.5	38.0	96	1.0	48.5	4.5	3.3
K16660	K13603/H9659-21-1	60	32.8	48.2	41.0	104	1.0	53.0	3.0	3.0
K16653	K11713/K13902	53	32.6	59.9	37.0	95	1.0	45.5	4.5	2.3
K16604	Isabella/K11714	4	32.5	64.5	37.0	94	1.0	48.5	4.0	4.3
K16619	K13604/Snowdon	19	32.1	55.4	37.0	95	1.5	49.0	4.0	4.0
K16648	K13902/K12206	48	31.5	59.7	47.0	104	2.0	50.5	3.0	2.0
K16651	PR1340-8/K77002	51	31.1	48.8	47.0	104	1.0	53.0	3.0	3.0
K16610	K11714/Isabella	10	31.1	57.1	46.0	101	1.5	51.5	3.5	3.3
K16645	K13902/K12206	45	31.0	61.4	49.0	105	1.5	51.5	3.0	2.0
K16630	Isabella/K12209	30	30.3	47.7	41.0	102	1.0	53.0	3.0	3.3



## EXPERIMENT 6210 PRELIMINARY LIGHT RED KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LOGGING HEIGHT	DES.	CBB	
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
K16642	K11303/Snowdon	42	30.3	58.0	40.0	97	1.5	49.0	4.5	3.3
K16632	Isabella/K12209	32	30.3	48.4	44.0	99	1.0	50.5	4.0	3.7
K16614	K13604/Snowdon	14	30.1	55.9	42.0	98	1.0	51.0	4.5	3.0
K16631	Isabella/K12209	31	29.8	49.8	43.0	102	1.5	51.5	3.5	3.0
K16636	K11709/K12601	36	29.8	48.9	38.0	99	1.0	47.5	5.0	3.0
K16633	Isabella/K12209	33	29.6	49.0	46.0	100	1.0	52.5	3.0	3.3
K16641	K11303/Snowdon	41	29.6	57.6	38.0	97	1.0	49.0	5.0	3.3
K16617	K13604/Snowdon	17	29.1	58.7	38.0	96	1.0	49.5	4.0	4.0
K16634	Isabella/K12209	34	28.7	47.5	43.0	98	1.5	51.5	4.0	3.7
K16612	K11714/Isabella	12	28.6	56.8	44.0	97	1.5	48.5	3.0	3.3
K16635	Isabella/K12209	35	27.7	48.2	44.0	96	1.0	50.0	4.5	3.7
K16603	Isabella/K11714	3	27.5	68.0	38.0	94	1.0	47.5	3.5	4.7
K16629	Isabella/K12209	29	27.5	48.8	45.0	101	1.0	52.5	3.5	3.7
K16618	K13604/Snowdon	18	27.2	56.3	38.0	94	1.0	49.5	3.0	4.3
K16621	K13604/Snowdon	21	26.8	61.1	39.0	97	1.0	51.0	4.0	3.7
K16620	K13604/Snowdon	20	26.3	58.9	43.0	98	1.0	51.5	4.5	3.7
K16615	K13604/Snowdon	15	26.3	53.0	41.0	97	1.5	50.0	4.0	3.7
K16628	Isabella/Snowdon	28	26.2	56.7	38.0	94	1.0	47.5	4.0	5.0
K16616	K13604/Snowdon	16	26.0	57.0	39.0	94	1.5	49.5	4.5	4.0
K16626	Isabella/Snowdon	26	25.3	58.7	38.0	95	1.0	48.0	4.0	5.0
K16608	K11714/Isabella	8	25.0	63.9	37.0	94	1.0	45.0	3.5	4.0
K16602	Isabella/K11714	2	23.5	64.4	37.0	93	1.0	46.0	3.0	4.7
K16650	PR1340-8/K77002	50	23.1	51.4	39.0	95	1.0	48.5	4.5	4.0
I11201	Pink Panther//ZAA/Montcalm, <b>CLOUSEAU</b>	63	22.2	61.2	38.0	94	1.0	47.0	3.0	5.0
K16601	Isabella/K11714	1	21.7	55.8	38.0	93	1.5	46.0	3.0	5.0
K16611	K11714/Isabella	11	21.4	55.6	37.0	96	1.0	48.5	3.0	4.3
K16625	Isabella/Snowdon	25	20.7	56.1	37.0	93	1.0	45.0	3.0	4.7
I90013	<b>CELRK</b>	62	20.2	59.4	38.0	93	1.0	46.5	3.5	5.0
K16627	Isabella/Snowdon	27	19.1	58.1	37.0	93	1.0	46.0	3.5	5.0
MEAN (64)			31.1	56.0	40.0	97.3	1.1	48.8	3.9	3.4
LSD (.05)			3.8	2.5	2.2	0.6	0.4	0.9	0.7	0.2
CV (%)			9.1	3.2	3.2	0.4	19.6	1.1	11.0	5.2

## EXPERIMENT 6211 PRELIMINARY WHITE KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)						
K16980	K13902/I93127	80	43.1	58.4	41.0	104	1.5	50.0	4.0	2.0
K16955	I05101/K11914	55	39.7	58.8	42.0	104	1.0	51.0	3.5	2.3
K16981	K13902/I93127	81	39.2	55.4	39.0	102.0	1.0	50.5	4.5	2.3
K16982	K13902/I93127	82	38.9	51.2	40.0	102.0	1.0	49.0	4.0	2.3
K16962	K12206/K08961	62	38.7	54.3	45.0	100	1.0	49.5	5.0	3.0
K16958	K12206/K08961	58	38.3	52.3	43.0	102	2.0	50.0	3.0	2.3
K16954	I05101/K11914	54	37.6	55.0	38.0	104	1.5	50.0	3.5	2.7
K16941	K12209/K13907	41	36.5	47.9	41.0	100	1.0	49.5	5.0	2.3
K16933	I05101/K08961	33	35.7	56.2	45.0	103	1.5	50.5	4.0	2.3
K16973	K12811/K12601	73	35.3	48.2	38.0	103	1.0	49.0	3.5	2.0
K16942	K12209/K13907	42	35.3	47.9	45.0	100	1.5	50.0	4.5	3.0
K16959	K12206/K08961	59	35.2	56.5	38.0	101	1.0	49.0	4.5	3.0
K16924	K11917/K08961	24	35.0	57.9	38.0	96.0	1.0	48.5	5.0	3.3
K16984	K12803/K12811	84	35.0	63.1	37.0	96.0	1.0	46.5	4.5	2.0
K16950	K12219/K08961	50	34.8	51.9	41.0	102	1.5	52.5	4.0	3.0
K16943	K12209/K13907	43	34.8	49.6	40.0	99	1.5	50.0	4.5	3.7
K16940	K11714/K12811	40	34.8	56.1	38.0	94	1.0	45.0	4.0	2.0
K16961	K12206/K08961	61	34.1	57.7	44.0	103	1.0	50.5	4.5	3.0
K16939	K08961/K12601	39	34.0	58.3	40.0	102	1.5	49.5	4.0	3.3
K16934	I05101/K08961	34	33.9	59.0	41.0	96	2.0	49.0	4.5	3.0
K16983	K13902/K12206	83	33.8	56.9	40.0	104	1.5	52.0	4.0	1.7
K16951	K12219/K08961	51	33.6	59.8	41.0	103	1.0	51.5	4.0	3.0
K16907	K08961/K11919	7	33.0	57.1	38.0	94.0	1.0	45.5	4.0	3.3
K16985	K11713/K13902	85	33.0	57.0	37.0	99.0	1.0	47.0	4.0	2.0
K16974	K12811/K12601	74	32.9	46.5	38.0	101	1.0	47.0	4.0	1.3
K16976	K12811/K12803	76	32.6	49.4	37.0	94	1.0	45.0	4.0	2.0
K16930	K13604/K08961	30	32.5	55.9	38.0	100	1.0	49.5	4.5	3.0
K16953	K12219/K08961	53	32.5	59.7	41.0	103	1.0	51.5	3.5	3.0
K16927	K13604/K08961	27	32.5	53.3	39.0	102	1.0	50.0	4.0	3.0
K16957	K12206/K08961	57	32.5	59.6	39.0	99	1.5	48.0	4.0	3.0
K16903	K77002/K11714	3	32.3	59.5	39.0	94	1.0	46.5	3.5	4.0
K16926	K13604/K08961	26	32.1	51.3	43.0	99	1.5	49.5	4.5	3.0
K16968	K11303/K08961	68	31.9	53.6	40.0	103.0	1.0	51.0	4.0	3.3
K16970	K08961/K11914	70	31.1	60.3	38.0	94.0	1.0	47.5	5.0	4.3
K16978	K12811/K12803	78	31.0	47.2	38.0	95	1.0	45.5	4.5	1.7

## EXPERIMENT 6211 PRELIMINARY WHITE KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LODGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)						
K16914	K08961/K12214	14	31.0	54.2	40.0	99	1.0	50.0	4.5	3.3
K16906	K77002/K11714	6	30.9	59.3	38.0	95	1.0	47.0	5.0	4.0
K16975	K12811/K12803	75	30.9	50.5	38.0	95	1.0	44.0	4.0	2.0
K16931	K13604/K08961	31	30.6	57.9	42.0	102	1.0	51.5	3.5	3.0
K16929	K13604/K08961	29	30.5	54.5	44.0	101	2.0	51.0	4.0	3.0
K16960	K12206/K08961	60	30.2	57.5	43.0	101	2.0	49.5	4.0	3.0
K16967	K08961/I13465	67	30.0	58.5	40.0	99	1.5	49.5	4.5	3.7
K16911	K08961/K12214	11	30.0	58.3	38.0	97.0	1.0	48.0	4.5	3.3
K16904	K77002/K11714	4	29.8	59.1	38.0	94.0	1.5	47.0	4.0	4.0
K16944	K12209/K13907	44	29.8	43.2	42.0	98	1.5	49.0	4.0	3.3
K16969	K08961/K11914	69	29.7	61.1	37.0	94	1.0	47.0	3.5	4.3
K16952	K12219/K08961	52	29.5	51.1	38.0	95	1.0	48.0	4.5	3.3
K16923	K11917/K08961	23	29.2	61.1	37.0	95	1.0	47.0	5.0	3.7
K16913	K08961/K12214	13	29.2	55.6	41.0	101	1.0	51.5	4.5	3.3
K16977	K12811/K12803	77	29.1	47.5	37.0	95	1.0	45.0	4.0	2.0
K16902	K77002/K11714	2	29.0	60.6	38.0	94	1.5	46.5	4.0	4.0
K16905	K77002/K11714	5	29.0	63.7	38.0	94	1.0	48.0	5.0	4.0
K90101	CHAR/2*MONT, <b>RED HAWK</b>	88	28.8	55.6	38.0	97.0	1.0	48.0	4.0	3.0
K16901	K77002/K11714	1	28.5	55.6	37.0	93.0	1.0	46.5	3.5	5.0
K16928	K13604/K08961	28	28.5	54.3	42.0	99	1.5	50.0	4.0	3.0
K16971	K08961/K11914	71	28.4	61.3	37.0	94	1.0	47.0	5.0	4.0
K16979	K12811/K12803	79	27.9	50.5	38.0	94	1.0	46.0	5.0	2.0
K16972	K08961/K11914	72	27.8	61.0	37.0	94	1.0	47.5	5.0	4.0
K16963	K08961/I13465	63	27.8	61.0	38.0	94	1.5	46.0	3.0	4.3
K16935	K08961/K12209	35	27.5	50.5	40.0	95	1.0	49.0	3.5	4.0
K08961	K04604/USDK-CBB-15, <b>SNOWDON</b>	86	27.3	62.4	38.0	94	1.0	46.5	4.5	4.0
K16909	K08961/K12214	9	27.3	55.8	39.0	100	1.5	50.0	4.0	3.3
K16919	K08961/K12225	19	27.0	60.0	38.0	96.0	1.0	47.5	5.0	4.0
K90902	BEA/50B1807//LASSEN, <b>BELUGA</b>	87	26.9	56.1	40.0	101.0	1.5	50.0	3.5	4.0
K16949	K12219/K08961	49	26.9	51.7	41.0	101	1.0	50.0	4.0	3.7
K16925	K11917/K08961	25	26.8	60.4	38.0	94	1.0	46.0	4.0	4.0
K16910	K08961/K12214	10	26.8	58.2	38.0	95	1.0	47.5	5.0	4.0
K16937	K08961/K12209	37	26.8	48.5	39.0	95	1.5	49.0	4.0	4.0
K16932	I05101/K08961	32	26.4	54.7	46.0	101	2.0	51.0	4.0	2.7
K16945	K12209/K08961	45	26.3	50.5	40.0	96	1.0	49.0	4.5	3.3

## EXPERIMENT 6211 PRELIMINARY WHITE KIDNEY YIELD TRIAL

PLANTED: 6/10/16

NAME	PEDIGREE	ENTRY	YIELD CWT	100 SEED	DAYS TO	DAYS TO	LOGGING	HEIGHT	DES.	CBB
			/ACRE	WT. (g)	FLOWER	MATURITY	(1-5)	(cm)	SCORE	(1-5)
K16948	K12214/K13902	48	26.2	60.9	42.0	96	1.0	46.5	4.0	3.7
K16964	K08961/I13465	64	25.1	62.2	37.0	94	1.0	47.0	3.5	5.0
K16966	K08961/I13465	66	24.5	60.0	38.0	100.0	1.5	49.0	3.5	4.3
K16946	K12209/K08961	46	23.9	48.9	43.0	98.0	1.5	51.0	4.0	3.0
K16916	K08961/K12214	16	23.7	51.4	38.0	93	1.0	47.0	4.0	4.7
K16936	K08961/K12209	36	23.4	52.1	39.0	95	1.5	48.5	4.0	4.0
K16956	K11320/I13462	56	22.6	52.1	40.0	96	1.0	49.0	4.5	4.0
K16908	K08961/K12214	8	22.6	55.6	41.0	96	1.0	50.5	4.0	4.0
K16912	K08961/K12214	12	22.4	58.4	37.0	95	1.0	45.5	4.0	4.0
K16947	K12214/K13902	47	22.2	52.5	38.0	94	1.0	46.5	4.0	4.0
K16921	K08961/K12225	21	21.6	55.4	38.0	93	1.0	44.5	3.5	4.0
K16965	K08961/I13465	65	21.5	56.1	37.0	93	1.0	45.0	3.5	5.0
K16922	K08961/K12225	22	21.4	47.3	38.0	94.0	1.0	47.5	3.5	3.7
K16938	K08961/K12209	38	20.5	49.5	37.0	94.0	1.0	47.0	3.0	4.7
K16918	K08961/K12225	18	18.7	52.1	38.0	93	1.0	44.5	3.0	4.7
K16920	K08961/K12225	20	18.5	46.6	38.0	93	1.0	45.0	3.0	5.0
K16915	K08961/K12214	15	17.6	50.1	38.0	93	1.0	44.5	3.0	5.0
K16917	K08961/K12214	17	16.3	49.8	37.0	93	1.0	45.0	3.0	5.0
MEAN (88)			29.7	55.1	39.2	97.3	1.2	48.3	4.1	3.4
LSD (.05)			4.4	2.7	0.6	1.7	0.5	0.7	1.0	0.4
CV (%)			10.9	3.7	0.9	1.1	26.3	0.9	15.4	8.1

## EXPERIMENT 6212 PRELIMINARY MAYACOPA YIELD TRIAL

PLANTED: 6/10/16

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)
I14513	DBY-28-1, <b>PATRON</b>	9	27.8	49.3	44.0	96	3.0	45.7	3.0	3.0
Y16503	Y11405/UC Canario 707	3	25.9	41.7	43.0	97	1.0	49.3	3.7	3.3
Y11405	FR-07-AZP-14-06	8	24.1	47.9	41.0	96	1.0	49.0	4.0	4.3
Y16501	Y11405/PR1146-123	1	23.3	39.5	38.0	95	1.0	46.0	3.7	3.0
Y16507	PR1146-123/Y11405	7	22.7	45.1	39.0	94	1.0	45.3	4.3	3.0
Y16505	PR1146-123/Y11405	5	17.4	39.6	38.0	93	1.0	46.3	3.7	4.0
Y16502	Y11405/UC Canario 707	2	17.0	42.6	43.0	97	1.0	48.3	3.7	4.3
Y16504	PR1146-123/Y11405	4	14.7	37.7	39.0	95	1.0	44.7	3.3	4.3
Y16506	PR1146-123/Y11405	6	12.8	41.1	38.0	96	1.0	46.0	3.7	4.0
MEAN (9)			20.6	42.7	40.1	95.5	1.2	46.7	3.7	3.7
LSD (.05)			4.6	1.9	0.9	3.1	0.0	2.0	0.9	1.1
CV (%)			15.8	3.0	1.2	2.3	1.6	3.1	16.7	21.5

## EXPERIMENT 6213 NATIONAL WHITE MOLD YIELD TRIAL

PLANTED: 6/13/16

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)
B15430	Zenith/B12721	9	41.6	27.6	43.0	101	1.0	53.7	5.3	1.0
I13401	SR 09303, <b>VIPER</b>	47	39.0	34.3	44.0	100	1.7	49.7	4.0	3.0
B15434	Zenith/B12721	52	37.9	23.7	43.0	101	1.0	54.3	5.3	2.0
R12844	SR9-5/R09508	3	37.8	38.4	41.0	98.0	1.0	53.3	5.0	1.0
B15442	B11363/B09175	27	36.9	27.0	45.0	101	1.0	53.3	5.3	1.0
B15431	Zenith/B12721	32	36.7	26.1	42.0	100	1.0	53.3	5.7	2.0
B15418	B10208/B09175	28	36.2	26.0	46.0	103	1.3	52.7	4.3	1.0
B15451	B11371/B11363	30	35.9	23.5	46.0	101	1.0	51.7	4.7	1.0
B10244	B04644/ZORRO, <b>ZENITH</b>	25	35.6	23.1	43.0	100	1.0	53.0	5.0	2.0
I16724	WM91212-4-3	6	35.6	42.4	42.0	99	1.3	52.3	4.7	2.0
R12844	SR9-5/R09508	45	35.6	40.3	43.0	99	1.7	53.3	5.0	1.0
R98026	R94037/R94161, <b>MERLOT</b>	44	34.4	40.6	42.0	99.0	2.0	51.3	4.0	4.0
B04554	B00103*/X00822, <b>ZORRO</b>	26	33.8	24.0	44.0	101	1.0	52.0	5.0	2.0
S08418	S02754/S04503, <b>ROSETTA</b>	48	33.6	38.4	43.0	98	1.0	52.3	5.3	3.0
P14814	P11522/LONG'S PEAK	40	33.4	41.6	45.0	101	1.0	52.3	6.0	3.0
B15453	B11371/B11363	31	32.6	24.7	44.0	103	1.0	52.7	4.7	2.0
P07863	AN-37/P02630, <b>ELDORADO</b>	43	32.0	46.2	42.0	102.0	1.3	52.3	5.0	4.0
G12901	G07321/Fuji, <b>SAMURAI</b>	37	31.6	30.8	43.0	103	2.0	51.3	4.3	3.0
N15318	N11277/N09034	20	31.5	24.6	45.0	103	2.0	52.0	4.3	2.0
R13752	Merlot/SER48	46	31.3	39.1	42.0	100	1.0	53.0	4.0	3.0
B15441	B11343/B10213	29	31.3	23.4	43.0	101	1.0	50.7	4.7	3.0
G14505	G11429/P08175	36	31.0	28.2	42.0	99	1.0	51.3	5.0	2.0
N14229	N11275/N11256	18	30.6	19.3	44.0	98	1.0	52.3	5.7	3.0
G13479	Eldorado/G09312	35	30.6	31.6	42.0	102	1.0	51.7	4.3	2.0
N14218	N11256/N11298	19	30.0	19.3	46.0	98	1.0	52.7	5.7	3.0
N15306	N11230/N11298	23	29.9	19.9	46.0	102.0	1.0	53.3	5.0	3.0
P14815	P11522/LONG'S PEAK	41	29.9	45.0	42.0	98	1.0	51.3	5.0	3.0
I14520	Santa Fe/PS08-108, SF103-8, <b>PALOMINO</b>	42	29.9	43.1	42.0	102	3.0	47.0	3.7	4.0
I13445	039-A-5	5	29.8	39.1	43.0	101	1.7	53.7	4.7	4.0
G13444	G07302//G08274/P08410	34	29.3	42.4	42.0	98.0	1.3	50.7	5.3	3.0
N15345	N11258//N11264/Merlin	21	29.3	21.1	44.0	101	1.3	52.3	5.0	2.0
K11306	K06621/USDK-CBB-15	53	29.3	52.3	39.0	102.0	1.0	48.0	5.0	2.0
R13752	Merlot/SER48	7	29.2	41.4	42.0	100	1.3	53.3	4.3	3.0
N13142	N08007/N09046	17	29.1	22.1	43.0	104	1.7	51.0	4.3	2.0
I15621	<b>MIST</b>	15	28.8	23.3	43.0	104	1.0	50.0	4.0	1.0
P14802	P08162/P11518	38	28.4	40.4	44.0	97	2.3	49.3	4.3	3.0
I08933	37-2, USPT-WM-12	4	28.4	41.7	43.0	96.0	2.3	47.7	4.0	3.0
P14815	P11522/LONG'S PEAK	2	28.4	45.1	43.0	98	1.7	51.0	4.3	3.0
P14812	P09425/P08161	39	28.3	43.0	42.0	97	1.7	48.0	4.3	3.0
N11283	MEDALIST/N08003, <b>ALPENA</b>	13	28.2	21.1	43.0	101.0	1.0	53.3	5.3	3.0

## EXPERIMENT 6213 NATIONAL WHITE MOLD YIELD TRIAL

PLANTED: 6/13/16

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)
N15335	N12453/N11277	22	27.9	20.7	43.0	96	1.0	47.7	4.3	2.0
I16725	08072, <b>BLIZZARD</b>	50	27.2	22.5	43.0	100	1.3	52.3	4.0	3.0
N13120	N08003/N05324	16	27.1	23.6	43.0	97	1.0	50.3	5.0	2.0
N15341	N12468/N12466	8	26.9	21.5	45.0	102	1.3	52.0	4.3	2.0
B15408	B09175/B10215	51	26.9	22.3	44.0	99	1.3	50.0	4.3	2.0
I13419	NDF09304	55	25.6	20.1	43.0	100	1.0	50.7	4.0	3.0
I15652	ND121630	56	24.6	39.7	44.0	99	1.0	54.3	5.0	3.0
N15346	N09020/B09204//B10238/B11343	24	22.8	20.0	45.0	102.0	1.0	51.7	5.0	2.0
I11264	COOP 03019, MERLIN	14	22.5	20.5	43.0	99.0	1.0	50.7	4.3	4.0
G08254	G04514/Matterhorn, <b>POWDERHORN</b>	33	16.7	35.3	41.0	96.0	1.7	50.0	5.3	2.0
I81010	JAPON3/MAGDALENE, <b>BUNSI</b>	12	12.7	20.9	40.0	100	3.0	45.7	3.0	3.0
I96417	G122 MAGNUSON	10	11.9	40.2	39.0	102	2.0	49.0	3.0	4.0
I89011	RB, <b>BERYL</b>	11	11.4	33.3	40.0	97	3.7	40.0	3.0	2.0
S14706	Rosetta/S11707	49	10.0	43.9	43.0	102	1.3	49.0	4.0	1.0
K14807	Snowdon/Isabella	54	8.2	52.0	35.0	95.0	1.0	45.7	4.3	4.0
I16723	ASR 1865	1	6.5	20.8	40.0	100.0	2.0	48.3	3.0	3.0
MEAN (56)			28.6	31.5	42.6	100.0	1.4	51.0	4.6	2.5
LSD (.05)			4.2	1.4	1.9	1.9	0.5	2.0	0.6	(1 rep)
CV (%)			10.8	3.4	2.7	1.4	24.6	2.9	10.0	35.5