

EXPT.	4101 STANDARD NAVY YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N00833	N94080//BLACKMAGIC/SEL1308	6	22.3	20.6	44.0	90.0	1.0	46.6	5.6
N02237	SEAHAWK/JAGUAR	1	20.9	20.5	46.0	90.4	1.0	46.9	5.5
I02538	SCEPTER (GENTEC,NAVY)	49	20.4	24.0	44.0	93.0	2.0	46.6	4.1
N00762	VISTA/MACKINAC//N94080	11	20.2	17.5	47.0	94.0	1.0	46.4	4.6
I03351	COMET (ISB,NAVY)	46	19.8	26.7	44.0	90.0	1.5	46.0	4.6
I91112	SCHOONER (NOVARTIS)	47	19.7	17.8	44.0	90.5	1.5	45.1	4.0
N00809	C-20//VISTA/MACKINAC	14	19.2	20.8	47.0	94.9	1.0	47.9	5.1
N01454	B98301/N97772	16	19.0	17.5	49.0	92.6	1.0	47.1	4.5
N00830	HURON/N94080//VISTA	17	18.9	20.0	48.0	92.5	1.0	46.6	4.6
N00760	VISTA/MACKINAC//I92919	28	18.7	19.8	48.0	94.0	1.0	47.1	5.0
N01453	B98301/N97772	13	18.6	18.6	48.0	92.4	1.5	46.0	5.0
N00712	ND-88-106-04/N94080	20	18.3	19.5	47.0	92.0	1.0	45.1	5.1
N02251	JAGUAR/N97774	4	18.3	20.7	46.0	93.6	0.9	47.0	5.1
N00713	ND-88-106-04/MACKINAC	34	18.2	20.6	46.0	95.0	2.0	46.8	4.0
N00838	MACKINAC/VISTA	31	18.1	18.8	48.0	94.0	1.0	47.6	5.0
N91401	61627/2W33-2//C-20, 1990 MAYFLOWER	37	17.8	19.1	48.0	93.5	0.9	46.5	5.0
N01509	ARTHUR//CRESTWOOD/COTAXTLA-91	23	17.7	19.3	49.0	93.5	1.0	47.4	4.5
N02231	B98304/N99244	3	17.7	21.1	48.0	92.5	1.0	47.9	5.4
N00870	N96942/MACKINAC	33	17.6	20.1	47.0	90.9	1.0	46.5	4.9
N02235	N97774/N99244	8	17.5	22.5	46.0	91.6	1.0	46.3	5.1
N98104	MACKINAC/X95403	15	17.0	19.9	47.0	92.4	1.0	44.4	4.4
N00728	MACKINAC/N94080//VISTA/ND-88-106-04	26	17.0	20.1	48.0	93.1	1.0	48.5	6.0
N01460	B98301/MACKINAC	24	16.8	19.8	49.0	93.4	1.0	45.9	4.5
N00710	ND-88-106-04/N94080	27	16.4	18.5	48.0	91.5	1.0	46.1	5.1
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	22	16.1	17.4	48.0	93.5	1.0	45.6	4.5

EXPT.	4101 STANDARD NAVY YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N98119	N94080/X95406	35	15.5	21.3	47.0	92.0	1.5	46.7	4.6
N02236	N99271/B98304	9	15.5	19.4	47.0	91.5	0.9	45.0	4.5
N97774	BUNSI/HURON, SEAHAWK	12	15.4	20.5	46.0	90.9	1.0	44.9	4.9
N01524	COTAXTLA-91/N98123	25	15.2	18.6	48.0	91.6	1.0	45.1	5.6
N00727	HURON/N94080//I92919	7	15.2	18.8	46.0	92.5	1.0	45.9	4.9
N02232	PHANTOM//JAGUAR/TLP-20	30	14.8	18.7	43.0	90.6	1.0	43.9	5.0
N01448	N98123//92BG-7/CRESTWOOD	18	14.8	19.7	45.0	90.5	1.0	44.3	4.4
N00726	HURON/N94080//I92919	5	14.8	18.4	48.0	91.5	1.0	46.6	5.5
N00729	MACKINAC/N94080//N95647	36	14.6	19.8	48.0	95.4	1.0	47.0	4.5
N01441	B98303/N98123	21	14.1	17.3	47.0	90.1	1.0	41.6	4.0
N01453	B98301/N97772	19	13.7	18.9	48.0	92.4	1.0	45.5	4.9
N02302	BUNSI/RAVEN,105-88	32	13.6	20.3	47.0	91.1	1.0	44.9	4.4
N93296	N90435/AVANTI, MACKINAC	48	13.6	20.0	45.0	92.4	1.0	45.4	4.0
N00767	VISTA/MACKINAC//ARTHUR	29	12.9	17.5	48.0	92.5	1.0	43.1	3.5
N02234	PHANTOM/HR52	44	12.8	17.4	49.0	92.9	1.0	46.0	4.9
N03614	N99219/X00821	39	12.7	18.3	46.0	90.0	1.0	42.9	4.9
N03617	N99219/X00821	45	12.2	20.0	46.0	91.0	1.0	42.9	4.4
N02250	HR52/MACKINAC	38	11.1	22.0	47.0	91.1	1.0	44.3	4.9
N02243	N98117/BATT477//HURON	10	10.7	21.2	46.0	90.1	1.0	40.2	3.0
N03616	N99219/X00821	43	10.6	18.5	46.0	91.4	1.0	44.4	4.9
N02247	MACKINAC/HR52	42	10.5	19.8	46.0	91.0	1.0	41.8	4.4
N03611	N99219/X00821	2	10.5	18.8	48.0	91.5	0.9	43.4	4.5
N03618	N99219/X00821	40	10.3	19.8	48.0	90.9	1.0	42.4	4.5
N02249	MACKINAC/HR45	41	8.9	20.0	44.0	91.0	1.5	44.0	3.5
AVERAGE OF PRECEDING 49 MEANS			15.8	19.7	46.8	92.1	1.1	45.4	4.7
LSD(P=.05)			2.8	1.2	0.0	0.6	0.2	1.2	0.4
LSD(P=.01)			3.7	1.6	0.0	0.7	0.2	1.5	0.5
COEFFICIENT OF VARIATION (%)			12.6	4.3	0.0	0.4	11.4	1.8	6.2

EXPT.	4102 STANDARD BLACK YIELD TEST	PLANTING		DATE	6/2/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B01757	TACANA/T-39//MACANUDO	8	22.6	22.5	48.0	94.5	1.0	48.5	6.0
B01451	NEGRO INIFAP/NG8025,00T-1403	36	22.3	22.6	49.0	95.0	3.0	47.1	3.5
B02542	PHANTOM*/TLP-20	14	21.9	24.1	48.0	94.5	1.0	48.7	5.0
B01772	B98311/B97777	13	21.8	18.6	46.0	92.0	1.0	46.9	5.5
B01741	TACANA/JAGUAR	1	21.0	20.8	49.0	94.5	1.0	47.6	5.5
B02559	B98311//B98301/TLP-19	46	20.8	20.1	49.0	94.5	2.0	48.6	5.0
B02562	B98311/JAGUAR	32	20.7	23.0	48.0	93.0	1.0	47.9	6.0
B00134	JAGUAR//RAVEN/CATRACHITA	31	20.6	24.5	46.0	93.5	1.0	47.0	5.5
I02707	G24423/2*TACANA,43-11M,MEX.(BK)	17	19.7	21.5	50.0	95.5	1.5	48.5	5.0
B02543	PHANTOM*/TLP-20	26	19.5	25.1	47.0	93.0	1.0	47.0	4.5
B01457	NEGRO INIFAP/NG8025,00T-1458	48	19.5	24.6	49.0	95.5	2.0	50.2	4.0
I02523	ND9902986-2(BK)	5	19.3	24.1	48.0	92.0	1.0	46.6	5.0
B01453	NEGRO INIFAP/NG8025,00T-1433	7	18.9	21.5	47.0	92.0	1.0	46.5	4.0
B02590	BUNSI/RAVEN,105-63	54	18.6	19.6	49.0	94.5	1.0	48.0	4.0
B01791	N98122//CRESTWOOD/COTAXTLA-91	44	18.4	19.1	48.0	94.0	1.0	47.6	5.0
B03622	B98306/X00821	66	18.3	23.8	48.0	94.0	1.5	47.0	5.0
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	3	18.1	20.5	50.0	95.5	2.0	48.6	5.0
B00136	JAGUAR//BLACKMAGIC/SEL1308	11	18.0	20.7	47.0	92.0	1.0	44.6	5.0
B00101	PHANTOM/BLACKJACK, CONDOR	16	17.9	20.3	48.0	92.9	1.0	45.9	5.5
B03637	PHANTOM/X00822	62	17.9	20.9	46.0	92.7	1.0	47.3	5.0
B02598	B98311/TLP-19,88-66	29	17.7	21.1	46.0	89.9	1.0	44.8	5.0
B01790	N98122//CRESTWOOD/COTAXTLA-91	27	17.7	19.1	48.0	92.4	1.0	45.1	5.0
B02546	PHANTOM//JAGUAR/TLP-20	18	17.5	18.5	49.0	92.5	1.0	43.5	4.0
I81066	SEL-BTS, T39	59	17.5	20.3	49.0	93.5	2.0	46.3	3.5
B01754	TACANA/T-39//N98123	52	17.3	17.2	47.0	70.5	1.0	48.7	4.5
I81048	BULK-70001+2+3+4, MIDNIGHT	22	17.2	20.9	48.0	95.0	1.0	48.3	4.5
B03626	B98306/X00821	73	17.2	18.7	47.0	94.6	1.5	47.2	5.0
B01793	N98123//VAX-5	2	17.0	21.6	47.0	94.0	1.0	46.0	5.0
B01779	B98301//92BG-7//CRESTWOOD	40	16.9	20.7	48.0	94.0	1.0	46.4	4.0
B01780	N98123/B98303	9	16.8	17.6	47.0	91.5	1.0	44.3	5.0

EXPT.	4102 STANDARD BLACK YIELD TEST	PLANTING		DATE	6/2/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B00103	PHANTOM/BLACKJACK	28	16.8	19.7	46.0	91.9	1.0	47.0	5.5
B01455	NEGRO INIFAP/NG8025,00T-1446	51	16.7	24.6	49.0	95.0	2.0	48.0	4.0
B03635	PHANTOM/X00821	69	16.4	21.3	46.0	90.7	1.0	43.3	4.5
B03623	B98306/X00821	61	16.3	18.6	46.0	92.0	1.0	45.5	5.0
B03636	PHANTOM/X00822	74	16.3	21.1	48.0	93.5	1.5	47.6	5.5
B02549	B98311/TLP-20//JAGUAR	24	16.3	22.1	46.0	91.5	1.0	47.4	5.0
B02553	B97777/TLP-20//B96617	12	16.2	21.4	48.0	92.0	1.0	44.6	4.5
B02544	PHANTOM*/TLP-20	6	16.2	20.2	47.0	91.4	1.0	46.5	5.5
B02596	B98311/TLP-19,L88-63	56	16.2	22.5	48.0	94.0	1.0	46.1	4.5
B95556	B90211/N90616, JAGUAR	43	16.1	20.7	48.0	93.0	1.0	45.1	5.0
B03625	B98306/X00821	60	16.1	22.3	47.0	92.0	1.0	45.0	5.0
B00125	B94064/X94089	53	16.0	18.7	47.0	89.5	1.0	42.5	4.0
I03390	ND9902621-2,BK, ECLIPSE	21	16.0	20.1	46.0	91.5	1.0	46.1	5.0
B00135	JAGUAR//BLACKMAGIC/SEL1308	35	16.0	18.7	47.0	93.0	1.0	45.5	4.5
B02541	PHANTOM*/TLP-20	30	15.7	20.1	48.0	92.0	1.0	46.4	5.5
B02576	B98311/PHANTOM	33	15.6	20.7	48.0	92.5	1.0	47.9	5.0
B03620	B98306/X00821	81	15.5	22.0	46.0	92.5	1.0	47.7	5.0
B03624	B98306/X00821	79	15.5	20.5	48.0	94.0	1.0	48.5	5.5
B03630	PHANTOM/X00821	49	15.5	21.9	46.0	93.0	1.0	47.4	5.5
B03627	B98306/X00821	67	15.5	20.9	47.0	91.0	1.0	43.6	5.0
B02556	JAGUAR/TACANA//XAMAGO#2/BLACKJACK	55	15.4	20.5	47.0	93.0	1.0	45.5	5.0
B01792	N98123/VAX-5	4	15.3	22.6	49.0	91.5	1.0	44.3	4.5
B01784	N98123/B98303	23	15.3	23.3	46.0	91.4	1.0	46.6	4.5
B01770	JAGUAR//SEAFARER/92BG-7	34	15.2	18.8	49.0	92.5	1.0	45.8	5.0
B83302	49-242 / TUS // BM /3/ MID, BLACKHAWK	50	15.2	22.4	49.0	93.5	1.0	47.9	5.0
B01769	JAGUAR//SEAFARER/92BG-7	19	15.1	22.1	49.0	92.5	1.0	44.4	4.0
B02532	X98209/B98301//B96617	58	15.1	20.5	49.0	91.5	1.5	47.5	4.5
B01774	JAGUAR//SEAFARER/92BG-7	45	15.0	21.0	49.0	90.5	1.0	43.4	5.0
B95204	RAVEN/N90618, PHANTOM	39	14.9	19.7	47.0	92.0	1.0	46.8	4.5
B03641	B00136/X00821	68	14.8	20.9	47.0	93.6	1.0	45.2	4.5

EXPT.	4102 STANDARD BLACK YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B00102	PHANTOM/BLACKJACK	20	14.6	19.4	48.0	91.6	1.0	45.1	5.5
B03621	B98306/X00821	64	14.5	20.0	44.0	91.5	1.0	44.5	5.0
B03632	PHANTOM/X00821	78	14.4	21.0	46.0	91.0	1.0	45.8	5.0
B03643	B00136/X00821	63	14.3	20.9	47.0	91.2	1.0	44.7	5.0
B03634	PHANTOM/X00821	70	14.3	22.6	47.0	93.0	1.0	46.0	4.5
B03613	N99219/X00821	76	14.0	22.8	48.0	91.0	1.0	43.9	5.0
B01783	N98123/B98303	25	13.5	18.6	46.0	90.6	1.0	42.3	4.0
B01781	N98123/B98303	15	13.5	17.5	46.0	89.1	1.0	43.1	4.0
B01787	COTAXTLA-91/B95203//N98123	47	13.4	19.5	47.0	92.0	1.0	44.1	4.5
B03642	B00136/X00821	71	13.4	22.3	46.0	91.0	1.0	44.1	4.5
I00759	TC125151 108-2 X0-44-91,BK(CIAT)	57	13.3	18.1	49.0	91.0	1.0	44.8	5.0
B01771	JAGUAR//SEAFARER/92BG-7	37	13.2	18.7	47.0	90.0	1.0	43.0	4.5
B01746	PHANTOM/N98123	42	12.9	19.1	46.0	90.5	1.0	44.4	5.0
B03633	PHANTOM/X00821	80	12.4	22.8	48.0	93.9	1.0	46.6	5.0
B02550	BLACKJACK/TLP-19//B96617	38	12.4	20.5	47.0	90.5	1.0	44.6	4.5
B03631	PHANTOM/X00821	75	12.4	25.3	46.0	90.9	1.0	43.4	5.0
B03647	B00136/X00821	72	12.1	21.3	46.0	93.0	1.0	43.4	4.5
B03639	PHANTOM/X00822	65	12.0	22.0	47.0	93.0	1.0	46.3	5.0
B03640	PHANTOM/X00822	77	11.3	19.3	49.0	90.0	1.0	44.0	4.0
B02570	B98301/CO 45693	41	10.5	18.6	46.0	91.5	1.0	43.4	4.5
B01763	92BG-7//SEL1360/LASER	10	10.4	21.6	50.0	91.0	1.0	42.1	4.0
AVERAGE OF PRECEDING 81 MEANS			16.2	20.9	47.5	92.2	1.1	45.9	4.8
LSD(P=.05)			3.0	1.3	0.0	3.2	0.1	1.0	0.4
LSD(P=.01)			3.9	1.6	0.0	4.2	0.2	1.3	0.5
COEFFICIENT OF VARIATION (%)			13.2	4.2	0.0	2.5	9.0	1.6	5.4

EXPT.	4103 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04222	X01001/B98306	20	21.9	21.9	46.0	93.0	1.0	48.0	6.0
B04240	B98311/TLP-19	42	21.9	24.0	45.0	91.5	1.0	47.9	5.5
B04206	N00809//B98306/X00822	2	21.8	20.4	47.0	90.0	1.0	47.5	5.0
B04213	I01892/N99250	11	21.1	23.0	46.0	93.5	1.0	48.5	6.0
B04227	B98304//B95204*2/I93154	26	20.1	23.1	44.0	93.5	1.0	48.6	6.0
B04234	N00810/3/N97774//B95204*/I93154	34	19.5	19.8	46.0	92.0	1.0	45.5	5.0
B04235	N00833/X01004	35	19.2	20.8	46.0	91.5	1.0	46.9	5.5
B04216	I01893//B95204*2/I93154	14	19.2	18.6	47.0	90.5	1.0	47.4	6.0
B04207	N00838//N99219/X00821	3	18.9	19.8	45.0	94.0	1.0	48.0	5.5
B04239	B98306//B00134/B00103	39	18.5	19.6	46.0	91.5	1.0	45.6	5.5
B04237	X01005/B00136	37	18.5	21.1	45.0	91.5	1.0	46.0	5.0
B04225	X01002//B00134/B00103	23	18.3	21.9	45.0	92.0	1.0	45.3	5.0
B04203	B98306/X01004	25	18.1	21.5	46.0	91.5	1.5	47.0	5.5
B04202	N00759/I01894	8	17.7	21.0	47.0	93.0	1.0	48.6	6.0
B04229	B00101//B95556*2/I93154	28	17.7	20.4	47.0	93.0	1.0	46.9	6.0
B00101	PHANTOM/BLACKJACK, CONDOR	40	17.4	20.2	47.0	92.5	1.0	46.6	5.0
B04226	B98304//B95204*2/I93154	24	17.3	20.6	47.0	92.0	1.0	45.1	5.0
B04205	N99250//B00103/X00822	1	17.0	22.9	46.0	91.0	1.0	46.5	5.5
B04228	X01005/B00136	27	16.9	22.4	45.0	91.5	1.0	46.4	5.5
B04210	N00838//B98306/X00822	7	16.8	18.6	45.0	90.5	1.0	46.5	5.0
B04224	X01001/B00102	22	16.7	24.7	46.0	94.0	1.0	47.1	5.5
B04204	B00136//B95556*2/I93154	30	16.5	23.9	43.0	92.0	1.0	45.9	5.0
B04217	N00809//B95204*2/I93154	15	16.4	19.8	46.0	90.0	1.0	44.4	4.5
B04238	B00102//B95556*2/I93154	38	16.4	18.0	45.0	91.0	1.0	44.0	5.5
B04221	I01891//B95556*2/I93154	19	16.1	23.1	46.0	93.0	1.0	46.5	5.5

EXPT.	4103 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04214	B95556//B95204*2/I93154	12	15.8	22.2	45.0	90.0	1.0	44.4	5.0
B04220	I01894//B95204*2/193154	18	15.4	19.3	45.0	91.5	1.0	45.5	5.5
B04236	B95556/X01005	36	15.3	19.0	47.0	93.0	1.0	44.5	4.5
B95556	B90211/N90616, JAGUAR	41	15.2	19.3	47.0	92.5	1.0	43.6	4.5
B04219	I01894//B95204*2/I93154	17	15.1	18.7	45.0	91.0	1.0	44.5	5.5
B04230	B98304//B95204*2/I93154	29	14.8	18.9	47.0	94.0	1.0	45.5	4.5
B04223	X01001/B98306	21	14.6	22.1	45.0	91.5	1.0	46.6	5.5
B04231	B00101//B95556*2/I93154	31	14.5	23.1	46.0	93.0	1.0	45.5	5.0
B04233	N00729/X01005	33	13.8	21.6	44.0	94.5	1.0	46.0	5.0
B04208	N00838//N99219/X00821	4	13.6	20.0	45.0	92.0	1.0	44.5	5.0
B04218	I01894//B95204*2/I93154	16	13.0	21.9	45.0	92.5	1.0	44.0	4.5
B04215	B00134//B95204*2/I93154	13	12.6	19.7	45.0	91.5	1.0	43.0	4.5
B04209	B98304/B00103	5	12.3	19.5	46.0	92.0	1.0	43.5	4.5
B04232	N00838/I01892	32	12.0	21.1	45.0	90.0	1.0	42.9	4.0
B04201	B95556/B00103	6	11.0	21.9	44.0	90.0	1.0	42.5	4.0
B04211	I01891/B98304	9	9.5	20.8	45.0	90.0	1.0	42.5	4.0
B04212	I01891/B00136	10	8.0	20.0	47.0	95.5	1.0	43.5	3.5
AVERAGE OF PRECEDING 42 MEANS			16.3	21.0	45.6	92.0	1.0	45.7	5.1
LSD(P=.05)			5.0	1.4	0.0	0.8	0.1	1.8	0.6
LSD(P=.01)			6.5	1.8	0.0	1.1	0.2	2.3	0.8
COEFFICIENT OF VARIATION (%)			18.7	4.0	0.0	0.6	7.6	2.4	7.3

EXPT.	4104 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004	26-11M/JAGUAR				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04270	I01893/JAGUAR	28	25.8	19.9	49.0	97.0	1.0	50.8	5.0
B01741	TACANA/JAGUAR	63	25.2	21.7	49.0	94.5	1.0	48.6	6.0
B04290	I01893/JAGUAR	48	25.2	22.6	49.0	95.0	1.0	49.2	6.0
B04259	I01893/JAGUAR	17	24.9	22.4	48.0	96.0	1.0	51.1	5.5
B04296	I01893/JAGUAR	54	24.5	21.3	48.0	94.0	1.0	49.5	6.0
B04293	I01893/JAGUAR	51	24.3	20.2	46.0	94.5	1.0	51.1	6.0
B04271	I01893/JAGUAR	29	23.9	20.4	49.0	94.0	1.0	50.0	6.5
B04297	I01893/JAGUAR	55	23.2	22.9	49.0	95.0	1.0	51.1	5.0
B04275	I01893/JAGUAR	33	23.2	20.9	47.0	93.5	1.0	48.5	6.0
B04249	I01893/JAGUAR	7	23.2	22.3	46.0	94.0	1.0	47.6	5.5
B04251	I01893/JAGUAR	9	22.7	23.3	48.0	94.5	1.0	49.4	5.0
B04276	I01893/JAGUAR	34	22.5	20.6	48.0	94.0	1.0	49.0	6.0
B04279	I01893/JAGUAR	37	22.5	18.6	48.0	93.0	1.0	50.1	6.0
B04292	I01893/JAGUAR	50	22.4	19.8	49.0	93.0	1.0	49.1	5.5
B04265	I01893/JAGUAR	23	22.2	22.3	48.0	93.0	1.0	48.0	5.5
B04267	I01893/JAGUAR	25	22.0	20.0	48.0	92.0	1.0	48.5	5.0
B04288	I01893/JAGUAR	46	21.9	19.6	48.0	94.0	1.0	50.0	6.0
I01893	G24423/2*TACANA,26-11M,MEX.(BK)	58	21.7	22.6	49.0	96.0	1.5	50.5	5.0
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	62	21.2	22.6	50.0	96.0	2.0	51.4	5.0
B04294	I01893/JAGUAR	52	20.7	20.9	49.0	94.5	1.0	46.9	4.5
B04268	I01893/JAGUAR	26	20.6	20.9	48.0	92.0	1.0	47.5	6.0
B04248	I01893/JAGUAR	6	20.6	21.2	46.0	93.5	1.0	47.3	5.0
B04281	I01893/JAGUAR	39	20.5	21.3	48.0	94.5	1.0	46.1	5.5
B04252	I01893/JAGUAR	10	20.3	21.6	49.0	94.0	1.0	47.5	5.0
B04298	I01893/JAGUAR	56	20.2	19.7	45.0	91.5	1.0	46.5	6.0

EXPT.	4104 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04277	I01893/JAGUAR	35	20.0	22.5	48.0	92.5	1.0	46.5	6.0
B04273	I01893/JAGUAR	31	19.8	18.4	46.0	91.5	1.0	45.6	5.5
B04256	I01893/JAGUAR	14	19.7	19.4	47.0	94.0	1.0	47.4	4.5
B04299	I01893/JAGUAR	57	19.5	20.7	46.0	94.0	1.0	48.5	5.5
B04258	I01893/JAGUAR	16	19.2	20.1	48.0	92.0	1.0	46.0	5.5
B04291	I01893/JAGUAR	49	19.1	21.0	48.0	93.0	1.0	49.5	5.5
B04244	I01893/JAGUAR	2	19.0	21.8	48.0	94.0	1.0	44.9	5.0
B04262	I01893/JAGUAR	20	18.8	21.2	46.0	93.5	1.0	46.5	5.0
B04284	I01893/JAGUAR	42	18.6	20.2	49.0	93.0	1.0	46.2	5.5
B04247	I01893/JAGUAR	5	18.3	20.6	47.0	94.5	1.0	47.1	5.5
B04278	I01893/JAGUAR	36	18.3	18.7	47.0	93.5	1.0	46.6	5.0
B04269	I01893/JAGUAR	27	18.2	19.8	46.0	93.5	1.0	44.5	5.0
I81066	SEL-BTS, T39	60	18.1	20.4	49.0	94.0	2.0	48.8	5.0
B04260	I01893/JAGUAR	18	18.1	20.3	47.0	92.5	1.0	45.9	5.5
B04255	I01893/JAGUAR	13	18.0	20.9	48.0	94.0	1.0	45.0	4.5
B04289	I01893/JAGUAR	47	17.7	21.2	46.0	93.0	1.0	47.2	5.0
B04263	I01893/JAGUAR	21	17.7	19.5	49.0	93.0	1.0	47.8	5.0
B04283	I01893/JAGUAR	41	17.6	20.9	47.0	94.5	1.0	47.7	4.6
B04261	I01893/JAGUAR	19	17.6	21.4	46.0	91.5	1.0	44.8	5.0
B95556	B90211/N90616, JAGUAR	59	17.5	19.1	49.0	92.0	1.0	44.4	5.0
B04286	I01893/JAGUAR	44	17.4	23.0	48.0	95.0	1.0	48.0	5.0
B04285	I01893/JAGUAR	43	17.3	19.6	46.0	91.5	1.0	46.2	4.5
B04246	I01893/JAGUAR	4	17.3	23.2	48.0	93.5	1.0	44.5	4.5
I98402	DOR390, TACANA (MEXICO)	61	17.3	22.4	48.0	94.5	1.0	48.4	5.0
B04287	I01893/JAGUAR	45	17.2	21.9	48.0	92.5	1.0	44.6	4.5

EXPT.	4104 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04245	I01893/JAGUAR	3	16.9	21.2	47.0	94.0	1.0	46.1	5.5
B03625	B98306/X00821	64	16.7	22.2	47.0	92.5	1.0	45.5	5.0
B04257	I01893/JAGUAR	15	16.7	22.3	48.0	93.5	1.0	47.9	5.0
B04280	I01893/JAGUAR	38	16.5	20.2	49.0	94.0	1.0	46.5	5.0
B04254	I01893/JAGUAR	12	15.9	19.0	46.0	94.0	1.0	45.9	5.0
B04243	I01893/JAGUAR	1	15.8	20.0	48.0	93.0	1.0	47.0	5.5
B04272	I01893/JAGUAR	30	15.7	21.2	46.0	93.0	1.0	46.5	5.0
B04264	I01893/JAGUAR	22	15.6	22.7	49.0	93.0	1.0	44.9	4.5
B04253	I01893/JAGUAR	11	15.4	21.0	47.0	92.5	1.0	45.1	5.0
B04250	I01893/JAGUAR	8	15.2	20.5	48.0	92.0	1.0	43.1	4.5
B04282	I01893/JAGUAR	40	15.1	18.9	50.0	100.1	1.5	50.6	3.0
B04295	I01893/JAGUAR	53	14.1	21.1	48.0	92.0	1.0	44.0	4.5
B04274	I01893/JAGUAR	32	14.1	19.8	46.0	92.0	1.0	46.2	5.0
B04266	I01893/JAGUAR	24	13.3	21.4	47.0	91.0	1.0	43.4	4.5
AVERAGE OF PRECEDING 64 MEANS			19.4	20.9	47.7	93.6	1.0	47.4	5.2
LSD(P=.05)			3.5	1.0	0.0	0.8	0.1	1.6	0.5
LSD(P=.01)			4.6	1.2	0.0	1.1	0.2	2.1	0.7
COEFFICIENT OF VARIATION (%)			11.1	2.8	0.0	0.5	8.2	2.1	6.1

EXPT.	4105 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004	48-21M/JAGUAR				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04349	I01891/JAGUAR	50	31.3	21.6	48.0	95.4	1.5	50.6	6.0
B04335	I01891/JAGUAR	36	29.4	23.4	48.0	95.0	1.0	49.1	5.5
B04348	I01891/JAGUAR	49	29.0	21.0	47.0	93.7	1.0	49.2	6.0
B04354	I01891/JAGUAR	55	28.7	23.2	49.0	96.2	1.0	51.7	6.0
B04319	I01891/JAGUAR	20	28.2	20.4	49.0	95.5	1.0	49.6	5.0
B04358	I01891/JAGUAR	59	28.2	21.0	46.0	94.2	1.0	48.2	6.0
B04341	I01891/JAGUAR	42	28.0	20.8	49.0	94.7	1.0	49.8	5.5
B04340	I01891/JAGUAR	41	27.3	23.9	48.0	93.8	2.5	48.1	6.0
B04306	I01891/JAGUAR	7	26.9	21.3	46.0	92.8	1.0	48.6	6.0
B04356	I01891/JAGUAR	57	26.4	21.2	47.0	95.7	1.0	47.6	5.0
B04332	I01891/JAGUAR	33	26.2	19.3	47.0	90.5	1.0	46.9	5.5
B04318	I01891/JAGUAR	19	26.2	21.3	48.0	94.0	1.0	47.5	5.5
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	62	25.5	22.1	48.0	94.5	1.0	50.7	5.0
B04344	I01891/JAGUAR	45	25.4	21.6	48.0	92.4	1.0	46.1	5.0
B04334	I01891/JAGUAR	35	25.4	22.3	47.0	94.5	1.0	47.0	5.0
B04323	I01891/JAGUAR	24	25.4	21.1	48.0	93.1	1.0	47.6	5.0
B04339	I01891/JAGUAR	40	24.7	21.2	48.0	92.9	1.0	47.6	6.0
B04352	I01891/JAGUAR	53	24.7	20.3	47.0	91.9	1.0	46.9	4.5
I81066	SEL-BTS,T39	63	24.6	20.9	48.0	92.8	2.0	46.4	5.0
B04302	I01891/JAGUAR	3	24.5	21.2	46.0	95.1	1.0	47.0	5.0
B04325	I01891/JAGUAR	26	24.4	19.4	49.0	93.5	1.0	48.7	5.5
B04345	I01891/JAGUAR	46	24.4	19.4	46.0	91.0	1.0	48.8	4.5
B04324	I01891/JAGUAR	25	24.1	20.7	49.0	96.2	1.0	48.4	4.5
B04326	I01891/JAGUAR	27	23.9	21.5	49.0	93.3	1.0	47.4	6.0
B04336	I01891/JAGUAR	37	23.1	19.8	47.0	92.0	1.0	47.3	5.0

EXPT.	4105 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04310	I01891/JAGUAR	11	23.0	21.1	46.0	91.5	1.0	47.1	5.5
B04301	I01891/JAGUAR	2	22.8	25.6	49.0	97.0	1.0	48.2	4.0
B04343	I01891/JAGUAR	44	22.7	21.7	46.0	92.6	1.0	45.9	5.0
B04327	I01891/JAGUAR	28	22.7	19.9	48.0	95.2	1.0	50.1	6.0
I01891	G24423/2*TACANA,48-21M,MEX.(BK)	60	22.7	22.5	49.0	95.2	1.5	48.5	5.0
B04311	I01891/JAGUAR	12	22.6	19.0	48.0	92.0	1.0	46.9	6.0
B04321	I01891/JAGUAR	22	22.6	21.2	48.0	94.6	1.0	48.0	5.0
B04357	I01891/JAGUAR	58	22.6	20.6	48.0	94.4	1.0	48.9	5.0
B04353	I01891/JAGUAR	54	22.5	18.5	47.0	91.5	1.0	47.4	5.0
B04315	I01891/JAGUAR	16	22.1	21.6	46.0	91.6	1.0	47.9	6.0
B04330	I01891/JAGUAR	31	22.1	20.0	48.0	92.1	1.0	46.1	6.0
B04350	I01891/JAGUAR	51	22.0	20.2	49.0	92.2	1.0	45.9	6.0
B04337	I01891/JAGUAR	38	21.6	21.2	48.0	96.0	1.0	50.4	5.0
B04316	I01891/JAGUAR	17	21.6	21.2	46.0	93.5	1.0	46.2	5.0
B04331	I01891/JAGUAR	32	21.3	20.1	47.0	95.5	1.0	46.8	4.0
B95556	B90211/N90616, JAGUAR	61	21.2	20.6	46.0	92.4	1.0	44.7	5.0
B04333	I01891/JAGUAR	34	21.1	19.4	46.0	92.5	1.0	45.2	5.0
B04300	I01891/JAGUAR	1	21.1	21.7	48.0	93.9	1.0	46.9	5.0
B04305	I01891/JAGUAR	6	21.0	20.6	48.0	93.0	1.0	45.5	5.5
B04308	I01891/JAGUAR	9	20.8	21.1	46.0	93.0	1.0	47.2	5.5
B04314	I01891/JAGUAR	15	20.8	21.8	48.0	92.0	1.0	45.0	4.5
B04346	I01891/JAGUAR	47	20.4	23.2	47.0	93.9	1.0	46.8	5.5
B04303	I01891/JAGUAR	4	20.2	23.3	47.0	93.4	1.0	46.4	5.5
B04342	I01891/JAGUAR	43	19.9	24.0	49.0	95.0	1.0	45.9	5.0
B04307	I01891/JAGUAR	8	19.8	22.7	49.0	99.0	1.0	50.1	4.0

EXPT.	4105 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/2/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04328	I01891/JAGUAR	29	19.7	20.8	47.0	91.1	1.0	44.1	5.0
B04329	I01891/JAGUAR	30	19.6	21.8	46.0	94.0	1.0	47.6	5.0
B04304	I01891/JAGUAR	5	19.6	20.0	49.0	94.3	1.0	48.9	5.5
B04355	I01891/JAGUAR	56	19.3	22.7	48.0	94.4	1.0	45.9	5.0
B04338	I01891/JAGUAR	39	18.9	21.5	47.0	92.9	1.0	47.1	5.0
B04351	I01891/JAGUAR	52	18.8	21.0	48.0	90.5	1.0	43.5	4.5
B04347	I01891/JAGUAR	48	18.5	21.2	47.0	90.8	1.0	45.1	5.0
B04317	I01891/JAGUAR	18	18.1	21.8	47.0	95.9	1.0	45.7	4.5
I98402	DOR390, TACANA (MEXICO)	64	18.1	22.7	48.0	95.5	1.0	45.4	4.0
B04313	I01891/JAGUAR	14	17.8	20.4	49.0	93.6	1.0	46.0	5.0
B04312	I01891/JAGUAR	13	17.5	19.8	47.0	89.9	1.0	41.9	4.0
B04320	I01891/JAGUAR	21	17.4	23.0	46.0	92.1	1.0	43.7	4.5
B04309	I01891/JAGUAR	10	15.7	20.2	48.0	93.5	1.0	44.6	4.5
B04322	I01891/JAGUAR	23	14.2	22.6	48.0	95.0	1.0	47.2	4.5
AVERAGE OF PRECEDING 64 MEANS			22.7	21.3	47.6	93.6	1.1	47.2	5.1
LSD(P=.05)			4.1	1.3	0.0	0.7	0.3	1.2	0.4
LSD(P=.01)			5.4	1.7	0.0	0.9	0.4	1.6	0.6
COEFFICIENT OF VARIATION (%)			11.2	3.7	0.0	0.5	19.7	1.6	5.3

EXPT.	4106 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004	115M/JAGUAR				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04404	I01892/JAGUAR	46	26.8	20.2	47.0	94.5	1.0	48.1	4.5
B04445	I01892/JAGUAR	87	26.6	20.1	47.0	96.0	1.0	49.0	5.0
B04407	I01892/JAGUAR	49	26.4	20.4	47.0	92.0	1.0	47.6	6.0
B04422	I01892/JAGUAR	64	26.3	21.9	46.0	94.5	1.0	48.0	5.0
B04431	I01892/JAGUAR	73	25.5	22.2	48.0	96.5	1.0	50.1	5.0
B04384	I01892/JAGUAR	26	25.2	20.5	46.0	95.0	1.0	47.1	5.0
B04444	I01892/JAGUAR	86	25.2	17.9	47.0	94.0	1.0	48.5	5.5
B04429	I01892/JAGUAR	71	25.1	21.9	46.0	93.5	1.0	48.5	5.0
B04374	I01892/JAGUAR	16	24.8	21.0	46.0	94.0	1.5	47.1	5.5
I81066	SEL-BTS,T39	13	24.7	19.9	47.0	93.0	2.0	47.0	5.0
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	100	24.5	22.2	47.0	94.0	1.5	48.5	4.5
B04394	I01892/JAGUAR	36	24.4	21.7	48.0	95.5	1.0	48.5	5.0
B04383	I01892/JAGUAR	25	24.4	19.6	46.0	94.0	1.0	46.6	5.0
B04403	I01892/JAGUAR	45	24.2	18.5	46.0	94.0	1.0	47.5	5.0
B04443	I01892/JAGUAR	85	23.6	17.7	47.0	93.9	1.0	47.0	5.0
B04452	I01892/JAGUAR	94	23.6	19.5	48.0	94.0	1.0	48.5	6.0
B04439	I01892/JAGUAR	81	23.6	22.3	45.0	92.0	1.0	47.9	5.0
B04433	I01892/JAGUAR	75	23.6	18.8	47.0	92.0	1.0	47.1	5.5
B04387	I01892/JAGUAR	29	23.6	20.7	45.0	96.0	1.0	48.6	4.5
B04361	I01892/JAGUAR	3	23.5	19.0	48.0	94.5	1.0	47.6	5.0
B04362	I01892/JAGUAR	99	23.4	19.0	45.0	92.5	1.0	46.0	5.5
B04411	I01892/JAGUAR	53	23.4	20.6	47.0	95.0	1.0	48.5	6.0
B04453	I01892/JAGUAR	95	23.3	21.8	46.0	93.5	1.0	47.0	5.5
B04360	I01892/JAGUAR	2	23.0	19.8	49.0	95.5	1.0	48.6	4.5
B04367	I01892/JAGUAR	9	22.8	20.9	47.0	94.0	1.0	47.0	5.0
B04370	I01892/JAGUAR	12	22.7	19.9	47.0	95.0	1.0	49.1	5.5
B04441	I01892/JAGUAR	83	22.6	20.7	47.0	94.0	1.0	47.0	5.5
B04406	I01892/JAGUAR	48	22.6	19.0	45.0	93.5	1.0	47.0	5.0
B04451	I01892/JAGUAR	93	22.3	21.0	46.0	95.0	1.0	47.0	5.0
B04414	I01892/JAGUAR	56	22.2	22.3	47.0	93.9	1.0	48.0	5.0

EXPT.	4106 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04412	I01892/JAGUAR	54	22.1	19.5	46.0	92.0	1.0	46.4	6.0
B04385	I01892/JAGUAR	27	21.9	21.7	48.0	95.5	1.0	48.6	4.5
B04399	I01892/JAGUAR	41	21.8	19.9	46.0	92.0	1.0	47.0	6.0
B04418	I01892/JAGUAR	60	21.8	21.4	46.0	94.4	1.0	47.5	5.0
B04376	I01892/JAGUAR	97	21.8	19.5	48.0	93.0	1.0	48.0	6.0
B04420	I01892/JAGUAR	62	21.5	20.6	46.0	92.5	1.0	46.5	5.0
B04410	I01892/JAGUAR	52	21.1	20.2	48.0	96.5	1.0	50.0	5.0
B04435	I01892/JAGUAR	77	21.1	19.0	47.0	95.5	1.0	48.4	5.5
B04391	I01892/JAGUAR	33	21.1	24.0	47.0	95.5	1.0	49.0	4.5
B04382	I01892/JAGUAR	24	21.1	20.2	47.0	93.5	1.0	46.5	5.5
B04409	I01892/JAGUAR	51	20.9	19.8	45.0	95.5	1.0	47.5	4.5
B04398	I01892/JAGUAR	40	20.9	21.3	46.0	95.0	1.0	48.1	6.0
B04369	I01892/JAGUAR	11	20.8	20.1	46.0	92.0	1.0	47.4	5.5
B04436	I01892/JAGUAR	78	20.7	22.1	46.0	93.0	1.0	47.0	5.0
B04359	I01892/JAGUAR	1	20.5	20.9	47.0	94.0	1.0	47.4	5.0
B04397	I01892/JAGUAR	39	20.5	20.4	46.0	92.5	1.0	46.5	5.5
B04365	I01892/JAGUAR	7	20.5	20.5	46.0	93.5	1.0	47.4	5.0
B04402	I01892/JAGUAR	44	20.4	18.4	47.0	94.0	1.0	46.5	5.0
B04373	I01892/JAGUAR	15	20.3	17.4	47.0	94.5	1.0	47.0	5.0
B04421	I01892/JAGUAR	63	20.2	20.6	46.0	93.0	1.0	46.5	5.0
B04450	I01892/JAGUAR	92	20.1	19.8	45.0	91.5	1.0	44.0	5.5
B04413	I01892/JAGUAR	55	20.1	20.4	47.0	94.5	1.0	45.6	5.0
B04363	I01892/JAGUAR	5	20.1	19.7	47.0	94.5	1.0	46.0	5.0
B04449	I01892/JAGUAR	91	20.0	19.4	46.0	94.5	1.0	47.5	5.0
B04400	I01892/JAGUAR	42	20.0	19.5	47.0	94.0	1.0	47.5	4.5
B04423	I01892/JAGUAR	65	19.8	19.4	49.0	95.0	1.0	48.5	5.0
B04447	I01892/JAGUAR	89	19.8	21.1	47.0	94.4	1.0	47.9	6.0
B04372	I01892/JAGUAR	14	19.7	21.2	48.0	95.5	1.0	48.1	5.0
B04405	I01892/JAGUAR	47	19.7	19.4	47.0	91.5	1.0	45.5	5.0
B95556	B90211/N90616, JAGUAR	4	19.3	19.5	47.0	92.0	1.0	45.0	5.0

EXPT.	4106 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04396	I01892/JAGUAR	38	19.3	19.1	46.0	94.0	1.0	45.6	4.5
B04368	I01892/JAGUAR	10	19.2	19.3	48.0	93.5	1.0	48.4	5.5
B04366	I01892/JAGUAR	8	18.9	20.2	47.0	92.5	1.0	47.0	5.5
B04454	I01892/JAGUAR	96	18.9	20.6	45.0	91.0	1.0	46.4	6.0
B04428	I01892/JAGUAR	70	18.8	19.8	48.0	96.0	1.0	48.5	5.0
B04393	I01892/JAGUAR	35	18.3	19.1	48.0	96.4	1.0	48.9	4.0
B04430	I01892/JAGUAR	72	18.0	22.3	45.0	93.1	1.0	45.1	5.0
B04446	I01892/JAGUAR	88	17.9	19.2	47.0	94.5	1.0	47.6	5.0
B04438	I01892/JAGUAR	80	17.7	21.7	47.0	93.5	1.0	45.5	5.0
B04415	I01892/JAGUAR	57	17.7	21.3	47.0	92.0	1.0	46.0	5.5
B04440	I01892/JAGUAR	82	17.6	20.0	45.0	92.5	1.0	46.5	5.0
B04378	I01892/JAGUAR	20	17.5	20.6	45.0	91.5	1.0	45.0	5.5
B04389	I01892/JAGUAR	31	17.4	18.9	45.0	92.5	1.0	44.5	5.0
B04386	I01892/JAGUAR	28	17.4	19.3	46.0	91.5	1.0	44.0	5.5
B04401	I01892/JAGUAR	43	17.2	20.4	46.0	91.5	1.0	45.0	5.0
B04408	I01892/JAGUAR	50	17.2	18.1	46.0	94.5	1.0	45.5	4.5
B04381	I01892/JAGUAR	23	17.1	20.7	46.0	91.5	1.0	45.9	5.0
I98402	DOR390, TACANA (MEXICO)	18	17.0	22.5	47.0	94.1	1.0	46.0	4.5
B04364	I01892/JAGUAR	6	16.9	20.5	46.0	95.0	1.0	46.5	4.0
B04419	I01892/JAGUAR	61	16.7	20.6	47.0	91.5	1.0	46.0	5.5
B04377	I01892/JAGUAR	19	16.6	19.4	47.0	92.5	1.0	45.0	5.0
B04432	I01892/JAGUAR	74	16.2	19.7	46.0	92.5	1.0	47.0	5.0
B04390	I01892/JAGUAR	32	16.1	21.6	48.0	94.0	1.0	46.1	4.5
B04375	I01892/JAGUAR	17	15.9	20.0	47.0	92.5	1.0	43.0	4.5
B04448	I01892/JAGUAR	90	15.8	21.6	45.0	95.5	1.0	47.9	5.0
B04426	I01892/JAGUAR	68	15.6	18.8	46.0	93.0	1.0	44.5	5.0
B04371	I01892/JAGUAR	98	15.6	20.5	45.0	92.5	1.0	45.5	4.5
B04424	I01892/JAGUAR	66	15.5	20.7	45.0	92.5	1.0	47.0	5.0
B04379	I01892/JAGUAR	21	15.2	19.3	45.0	94.5	1.0	45.9	5.0
B04416	I01892/JAGUAR	58	15.0	21.6	45.0	91.0	1.0	43.0	4.0

EXPT.	4106 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04434	I01892/JAGUAR	76	14.5	23.4	49.0	96.0	1.5	49.0	4.0
B04417	I01892/JAGUAR	59	14.3	19.0	47.0	94.0	1.0	45.5	5.0
B04388	I01892/JAGUAR	30	13.8	19.0	47.0	93.0	1.0	46.4	5.0
B04437	I01892/JAGUAR	79	13.6	19.5	46.0	92.4	1.0	44.4	4.5
B04395	I01892/JAGUAR	37	13.1	22.1	47.0	91.0	1.0	44.5	6.0
B04427	I01892/JAGUAR	69	12.9	24.5	47.0	93.5	1.0	45.9	5.0
B04392	I01892/JAGUAR	34	12.8	20.6	45.0	93.5	1.0	45.9	5.0
B04380	I01892/JAGUAR	22	11.3	22.9	47.0	92.4	1.0	45.4	5.0
B04425	I01892/JAGUAR	67	10.8	21.7	47.0	99.0	1.0	49.4	3.0
B04442	I01892/JAGUAR	84	10.8	24.0	46.0	94.0	1.0	46.9	5.0
AVERAGE OF PRECEDING 100 MEANS			19.9	20.4	46.5	93.7	1.0	46.9	5.1
LSD(P=.05)			5.4	1.7	0.0	0.9	0.1	1.3	0.5
LSD(P=.01)			7.0	2.2	0.0	1.2	0.2	1.7	0.6
COEFFICIENT OF VARIATION (%)			16.5	5.0	0.0	0.6	8.4	1.7	6.0

EXPT.	4107 PRELIMINARY BLACK YIELD TEST	PLANTING		DATE	6/3/2004	39-11M/JAGUAR			
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04460	I01894/JAGUAR	7	29.3	20.4	48.0	95.5	1.5	49.4	5.0
B04541	I01894/JAGUAR	88	29.0	20.2	46.0	93.3	1.0	48.1	5.5
B04542	I01894/JAGUAR	89	28.4	18.2	47.0	94.1	1.0	49.0	6.0
B04522	I01894/JAGUAR	69	27.7	22.7	46.0	95.9	2.0	49.4	5.0
B04465	I01894/JAGUAR	12	27.7	17.1	47.0	93.6	1.0	50.0	6.0
B04531	I01894/JAGUAR	78	27.3	21.1	46.0	94.1	1.5	50.6	5.5
B04469	I01894/JAGUAR	16	27.1	20.9	47.0	92.7	1.1	46.3	5.5
B04537	I01894/JAGUAR	84	26.7	19.8	46.0	91.9	1.0	45.5	5.0
B04517	I01894/JAGUAR	64	26.6	20.4	47.0	92.7	1.0	48.5	5.5
B04511	I01894/JAGUAR	58	26.6	16.9	48.0	94.3	1.0	48.6	5.0
B04525	I01894/JAGUAR	72	26.2	20.1	46.0	94.1	1.5	49.5	5.5
B04457	I01894/JAGUAR	3	26.0	20.3	48.0	95.0	1.0	50.3	5.0
B04532	I01894/JAGUAR	79	25.9	18.9	48.0	94.3	1.0	48.5	5.5
B04512	I01894/JAGUAR	59	25.8	18.3	48.0	93.7	2.0	48.0	5.0
B04538	I01894/JAGUAR	85	25.8	17.9	49.0	95.8	2.0	50.5	4.5
B04475	I01894/JAGUAR	22	25.7	21.0	46.0	92.4	0.9	46.2	5.0
B04500	I01894/JAGUAR	47	25.7	19.7	45.0	93.9	0.9	47.7	5.5
B04468	I01894/JAGUAR	15	25.5	22.4	48.0	93.0	1.1	50.3	5.0
B04526	I01894/JAGUAR	73	25.5	21.4	49.0	95.0	1.0	49.6	5.5
B04456	I01894/JAGUAR	2	25.3	21.6	48.0	93.1	1.1	48.3	5.5
B04497	I01894/JAGUAR	44	25.1	20.9	48.0	92.7	1.0	48.4	5.5
B04504	I01894/JAGUAR	51	25.0	20.2	45.0	93.9	1.0	47.4	5.0
B04506	I01894/JAGUAR	53	25.0	18.3	48.0	93.8	1.0	47.6	5.5
B04476	I01894/JAGUAR	23	25.0	20.6	46.0	94.5	1.5	49.0	5.0
B04498	I01894/JAGUAR	45	25.0	19.7	45.0	93.5	1.0	47.8	5.5
B04519	I01894/JAGUAR	66	24.9	19.2	46.0	92.3	1.0	47.0	5.5
B04472	I01894/JAGUAR	19	24.9	17.4	48.0	94.8	1.0	48.7	5.0
B04528	I01894/JAGUAR	75	24.8	19.5	48.0	94.6	1.0	48.6	5.0
B04521	I01894/JAGUAR	68	24.7	20.3	48.0	94.1	1.5	48.4	5.0
B04494	I01894/JAGUAR	41	24.7	18.5	49.0	93.9	1.5	47.1	5.0

EXPT.	4107 PRELIMINARY BLACK YIELD TEST	PLANTING		DATE	6/3/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04540	I01894/JAGUAR	87	24.6	20.6	48.0	95.4	1.0	49.5	5.5
B04499	I01894/JAGUAR	46	24.6	21.8	45.0	93.7	1.0	47.5	4.5
B04489	I01894/JAGUAR	36	24.5	18.4	45.0	92.5	1.0	47.9	5.5
B04464	I01894/JAGUAR	11	24.1	21.0	46.0	93.5	1.0	47.0	5.0
B04455	I01894/JAGUAR	1	24.1	17.3	47.0	94.4	1.0	48.0	5.0
B04462	I01894/JAGUAR	9	23.9	18.9	46.0	95.1	1.5	50.0	5.0
B04495	I01894/JAGUAR	97	23.9	21.3	44.0	93.3	0.9	48.3	5.0
B04509	I01894/JAGUAR	56	23.9	21.3	47.0	92.8	1.0	47.0	5.5
B04549	I01894/JAGUAR	96	23.7	19.5	46.0	93.9	1.0	47.5	5.0
B04485	I01894/JAGUAR	32	23.6	19.1	47.0	92.8	1.0	45.7	5.0
B04510	I01894/JAGUAR	57	23.6	19.8	46.0	92.9	1.0	48.5	5.0
B04508	I01894/JAGUAR	55	23.5	19.3	46.0	92.0	1.0	47.2	5.0
B04529	I01894/JAGUAR	76	23.5	19.9	45.0	94.5	1.0	48.4	5.0
B04534	I01894/JAGUAR	81	23.2	17.2	45.0	90.9	1.0	44.5	4.5
B04479	I01894/JAGUAR	26	23.2	19.2	47.0	93.1	1.0	47.1	5.0
B04515	I01894/JAGUAR	62	23.2	21.1	47.0	95.4	1.5	47.1	5.0
B04513	I01894/JAGUAR	60	22.7	20.6	48.0	92.6	1.0	46.4	4.5
B04488	I01894/JAGUAR	35	22.7	18.3	47.0	92.0	1.0	47.0	5.5
I81066	SEL-BTS,T39	100	22.6	19.8	49.0	92.4	1.5	46.0	4.5
B04474	I01894/JAGUAR	21	22.6	25.9	47.0	93.9	2.0	46.6	4.0
B04536	I01894/JAGUAR	83	22.6	21.2	46.0	94.2	1.0	47.8	5.5
B04548	I01894/JAGUAR	95	22.6	22.2	46.0	93.6	1.0	48.4	5.0
B04496	I01894/JAGUAR	43	22.6	20.9	48.0	94.1	1.0	47.5	5.0
B04518	I01894/JAGUAR	65	22.5	17.6	46.0	91.5	1.0	46.1	5.0
B04458	I01894/JAGUAR	5	22.3	22.1	47.0	95.3	1.0	47.4	5.0
B04483	I01894/JAGUAR	30	22.3	18.8	46.0	92.0	1.0	46.5	4.5
B04470	I01894/JAGUAR	17	22.2	19.6	47.0	93.6	1.0	47.5	4.5
B04524	I01894/JAGUAR	71	22.1	19.3	45.0	94.5	0.9	48.2	5.0
B04547	I01894/JAGUAR	94	22.0	18.6	46.0	91.8	1.0	45.1	4.5
B04486	I01894/JAGUAR	33	22.0	21.3	46.0	92.5	1.0	48.9	5.0

EXPT.	4107 PRELIMINARY BLACK YIELD TEST	PLANTING		DATE	6/3/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04545	I01894/JAGUAR	92	21.9	20.2	46.0	93.6	1.1	47.7	5.0
B04490	I01894/JAGUAR	37	21.8	20.8	47.0	94.3	1.0	47.6	5.0
B04463	I01894/JAGUAR	10	21.8	19.4	46.0	92.9	1.0	45.9	5.0
B04535	I01894/JAGUAR	82	21.7	20.0	47.0	92.5	1.0	47.5	5.5
B04539	I01894/JAGUAR	86	21.7	19.7	46.0	93.8	1.0	47.0	5.0
B04516	I01894/JAGUAR	63	21.7	18.2	46.0	93.5	1.0	47.1	5.0
B04505	I01894/JAGUAR	52	21.7	19.3	46.0	92.9	1.0	48.0	5.0
B04503	I01894/JAGUAR	50	21.6	18.9	46.0	94.0	1.0	48.6	5.5
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	4	21.6	21.5	48.0	96.6	1.5	50.6	4.5
B04487	I01894/JAGUAR	34	21.6	18.0	46.0	92.6	1.0	47.9	5.0
B04471	I01894/JAGUAR	18	21.6	18.4	45.0	92.6	1.0	47.0	5.0
B04481	I01894/JAGUAR	28	21.6	17.9	44.0	92.0	0.9	46.2	4.5
B04543	I01894/JAGUAR	90	21.5	20.8	45.0	94.3	1.0	48.0	5.0
B04482	I01894/JAGUAR	29	21.5	18.7	46.0	92.2	1.0	47.1	4.5
B04467	I01894/JAGUAR	14	21.5	22.0	49.0	94.5	1.0	48.1	5.0
B04492	I01894/JAGUAR	39	21.4	19.9	45.0	93.8	0.9	48.8	5.0
B04501	I01894/JAGUAR	48	21.4	17.7	46.0	93.4	1.0	46.6	5.0
B04459	I01894/JAGUAR	6	21.4	18.8	46.0	93.1	1.1	47.7	5.0
I01894	G24423/2*TACANA,39-11M,MEX.(BK)	98	21.3	21.5	47.0	95.1	1.0	49.5	4.5
B04533	I01894/JAGUAR	80	21.2	22.9	47.0	95.1	0.9	48.7	4.5
B04473	I01894/JAGUAR	20	21.2	16.7	48.0	93.4	1.0	45.1	5.0
B04491	I01894/JAGUAR	38	21.1	19.2	48.0	91.6	1.0	47.1	5.0
B04523	I01894/JAGUAR	70	21.0	22.3	45.0	93.1	1.0	46.9	5.5
B04507	I01894/JAGUAR	54	20.8	19.7	46.0	93.1	1.0	47.0	5.5
B04544	I01894/JAGUAR	91	20.7	20.8	45.0	93.2	1.0	47.5	4.5
B04530	I01894/JAGUAR	77	20.7	19.0	48.0	93.4	1.0	45.5	4.0
B04502	I01894/JAGUAR	49	20.6	18.8	46.0	93.6	1.0	47.9	5.5
B04466	I01894/JAGUAR	13	20.5	21.1	45.0	95.6	1.5	50.0	4.5
B04527	I01894/JAGUAR	74	19.7	18.6	46.0	92.1	1.0	45.0	5.0
B04493	I01894/JAGUAR	40	19.6	22.5	46.0	92.9	1.0	46.5	5.0

EXPT.	4107 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04484	I01894/JAGUAR	31	19.5	22.6	46.0	92.5	3.5	30.0	4.5
B04478	I01894/JAGUAR	25	19.5	18.3	49.0	93.0	1.0	47.5	5.0
B04520	I01894/JAGUAR	67	19.4	22.5	46.0	92.0	1.0	45.9	4.5
B04461	I01894/JAGUAR	8	19.3	18.1	45.0	91.8	1.0	46.1	5.0
B04546	I01894/JAGUAR	93	19.0	19.6	45.0	93.3	1.0	46.5	4.0
I98402	DOR390, TACANA (MEXICO)	42	18.6	21.2	46.0	94.0	1.5	46.4	5.0
B04480	I01894/JAGUAR	27	18.1	19.9	45.0	91.6	1.0	45.7	4.5
B95556	B90211/N90616, JAGUAR	99	18.1	19.5	45.0	92.2	1.0	45.4	5.5
B04514	I01894/JAGUAR	61	18.1	19.9	47.0	93.1	1.0	46.5	5.0
B04477	I01894/JAGUAR	24	16.5	21.4	45.0	91.6	1.0	45.2	4.5
AVERAGE OF PRECEDING 100 MEANS			23.0	19.9	46.5	93.5	1.1	47.4	5.0
LSD(P=.05)			2.9	1.2	0.0	0.8	0.5	2.9	0.5
LSD(P=.01)			3.8	1.6	0.0	1.0	0.6	3.7	0.7
COEFFICIENT OF VARIATION (%)			7.8	3.8	0.0	0.5	26.9	3.7	6.5

EXPT.	4108 PRELIMINARY NAVY YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N04159	B98306 / X00821	60	26.2	16.5	47.0	94.0	1.5	47.9	5.0
N04103	B98306 / X01004	7	25.5	22.1	46.0	93.0	2.0	48.5	4.5
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	69	24.5	18.6	45.0	94.0	1.0	49.0	5.0
N04106	I01893 / B98304	4	23.8	20.7	47.0	93.0	1.0	48.5	5.5
N04154	N99250 / I00759	55	23.2	17.8	46.0	91.5	1.0	48.6	5.5
N91401	61627/2W33-2//C-20, 1990 MAYFLOWER	71	23.0	19.3	45.0	93.5	1.0	49.0	5.0
N04155	N99250 / I00759	56	23.0	17.4	45.0	92.5	1.0	47.5	6.0
N04110	B95556 *4/I93154	9	23.0	18.5	48.0	93.5	1.0	48.5	5.0
N04105	N97774 // B00103 / X00822	1	23.0	18.1	47.0	92.5	1.0	50.6	6.0
N04123	I01891 / N00809	23	22.9	22.6	47.0	93.4	1.0	48.5	5.0
N04158	N00820 / I00758	59	22.9	22.2	47.0	92.5	1.0	47.6	6.0
N04149	N99250 / I00758	50	22.5	23.1	45.0	91.5	1.0	47.5	6.0
N04102	N00759 / I01894	10	22.3	18.6	46.0	92.0	1.0	48.0	5.5
N04109	B98306 / X01002	8	22.1	17.0	47.0	93.0	1.0	49.0	6.5
N04150	N99250 / I00758	51	22.1	22.0	47.0	91.5	1.0	46.5	6.0
N04125	N00809 // B95556 *2/I93154	25	21.8	18.7	48.0	92.0	1.0	46.5	6.0
N04102	N00759 / I01894	3	21.7	20.3	47.0	94.5	1.0	49.9	5.5
N04152	N99250 / I00758	53	21.6	20.4	45.0	92.0	1.0	48.0	6.5
N04153	N99250 / I00759	54	21.5	17.9	46.0	91.5	1.0	47.0	5.0
N04164	N94080 // N98118 / N93296	65	21.4	21.2	45.0	91.9	1.0	46.5	5.6
N04156	N99250 / I00759	57	21.1	17.9	45.0	91.0	1.0	47.0	5.5
N04124	N00809 // B95556 *2/I93154	24	21.1	19.9	46.0	93.5	1.0	48.9	6.0
N04115	N99250 // B95204 / X00821	15	21.0	18.8	48.0	91.5	1.0	47.5	6.0
N04101	B95556 / B00103	2	21.0	19.7	45.0	92.0	1.0	47.5	5.5
N04104	B00136 // B95556 *2/I93154	11	20.5	18.8	45.0	93.5	1.0	48.6	6.1
N04129	N00810 / I01892	29	20.4	18.7	48.0	93.5	1.5	47.0	5.5
N04121	I01893 / N00759	21	20.3	22.3	45.0	96.0	1.0	48.5	5.0
N04135	N00833 /3/ N97774 // B95204 * / I93154	35	20.3	23.5	48.0	92.5	1.0	47.0	5.5
N04142	N99219 / X00821	43	20.2	17.0	45.0	91.5	1.0	44.5	5.0
N04116	N99250 // B95204 / X00821	16	20.0	18.0	47.0	92.0	1.0	47.5	5.5

EXPT.	4108 PRELIMINARY NAVY YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N04127	N00809 // B95556 *2/I93154	27	20.0	16.9	46.0	91.5	1.0	46.0	5.0
N04141	N99219 / X00821	42	20.0	19.5	45.0	91.5	1.0	46.4	6.0
N04112	B00136 // B95556 *2/I93154	12	19.9	19.4	47.0	95.0	1.0	47.5	5.0
N04157	N00754 / I00755	58	19.8	21.5	47.0	94.0	1.0	49.9	5.5
N04108	I01893 // B95204 *2/I93154	6	19.6	17.5	45.0	92.0	1.0	48.0	6.0
N04144	N99219 / X00821	45	19.5	17.8	46.0	92.0	1.0	47.0	5.5
N04148	N99248 / I00759	49	19.3	16.5	45.0	92.9	1.0	47.0	5.0
N04136	N00729 / X01005	36	19.2	21.6	46.0	92.0	1.0	46.1	5.0
N04133	N00833 /3/ N97774 // B95204 */ I93154	33	19.1	23.4	44.0	92.6	1.0	48.0	5.5
N04130	N00810 / I01892	30	19.0	19.2	47.0	93.0	1.0	47.9	6.0
N04140	N99216 / I00758	41	18.7	18.9	46.0	92.0	1.0	46.0	6.0
N04118	N00838 // N99219 / X00821	18	18.7	17.8	47.0	93.0	1.0	47.5	6.0
N04166	B95204 // N99201 / G93414	67	18.7	19.5	46.0	91.0	1.0	43.1	5.0
N04126	N00809 // B95556 *2/I93154	26	18.6	18.9	46.0	93.0	1.0	47.1	6.0
N04120	N00838 // N99219 / X00821	20	18.5	18.1	46.0	93.5	1.0	49.1	6.0
N04122	I01891 / B98304	22	18.5	20.2	47.0	94.0	1.0	48.6	5.5
N04167	B95204 // N99201 / G93414	68	18.4	22.9	44.0	91.5	1.0	45.4	5.0
N04139	N99216 / I00758	40	18.3	20.2	47.0	91.5	1.0	45.1	5.5
N04107	I01894 // B95204 *2/I93154	5	18.2	19.9	44.0	91.0	1.0	48.0	5.5
N97774	BUNSI/HURON, SEAHAWK	70	18.1	20.8	44.0	91.5	2.0	46.1	5.0
N00729	MACKINAC/N94080//N95647	37	18.0	20.1	47.0	95.5	1.0	47.5	4.0
N04128	N00809 /3/ N97774 // B95204 */I93154	28	17.9	20.3	46.0	93.0	1.0	46.5	5.0
N04114	N97774 // N99216 / I00758	14	17.8	20.4	46.0	93.5	1.0	45.5	5.0
N04132	N00838 / I01892	32	17.8	17.5	47.0	91.0	1.0	47.0	5.5
N04163	N94080 // N98118 / N93296	64	17.7	19.1	46.0	90.5	1.0	44.4	4.5
N04137	N00810 /3/ N97774 // B95204 */ I93154	38	17.6	17.8	44.0	91.0	1.0	45.0	5.5
N04143	N99219 / X00821	44	17.5	18.8	45.0	91.5	1.0	45.0	5.5
N04138	X01001 / N97774	39	17.3	21.9	45.0	90.1	1.0	47.0	5.0
N04151	N99250 / I00758	52	17.2	22.1	47.0	92.0	1.0	46.5	6.1
N04131	N00810 / I01892	31	17.0	19.5	48.0	93.0	1.0	46.5	6.0

EXPT.	4108 PRELIMINARY NAVY YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N04134	N00833 /3/ N97774 // B95204 */ I93154	34	16.6	20.5	45.0	91.0	1.0	46.0	5.5
N04117	N00745 / I00755	17	16.3	18.4	45.0	90.5	1.0	46.0	5.1
N04119	N00838 // N99219 / X00821	19	16.1	16.6	47.0	92.5	1.0	47.0	5.5
N04162	N93296 // N99244 / I99228	63	15.3	20.8	47.0	92.5	1.5	48.0	5.0
N04160	I00756 / N99225	61	14.9	19.6	46.0	91.5	1.0	45.0	5.0
N04147	N99219 / X00821	48	14.7	18.6	43.0	91.5	1.0	44.0	5.0
N04165	N94080 // N98118 / N93296	66	14.1	20.1	45.0	90.0	1.0	43.9	5.0
N04145	N99219 / X00821	46	13.8	18.6	45.0	91.0	1.0	45.0	5.0
N04161	I00751 / N00820	62	13.7	18.6	47.0	90.4	1.0	44.6	5.0
N93296	N90435/AVANTI, MACKINAC	72	13.3	20.8	46.0	93.5	1.0	47.0	4.0
N04146	N99219 / X00821	47	12.8	17.3	45.0	90.9	1.0	43.5	5.0
N04113	I01893 // X00822 / N99216	13	11.7	21.0	45.0	90.5	1.0	43.0	4.5
AVERAGE OF PRECEDING 72 MEANS			19.3	19.5	46.0	92.3	1.0	47.0	5.4
LSD(P=.05)			3.4	1.3	0.0	0.8	0.2	1.2	0.5
LSD(P=.01)			4.4	1.7	0.0	1.0	0.2	1.6	0.6
COEFFICIENT OF VARIATION (%)			10.8	4.1	0.0	0.5	9.6	1.6	5.5

EXPT.	4109 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04644	B98306 // B95556 / I99229	95	29.5	19.7	45.0	90.4	1.0	49.4	6.5
B04580	B98304 // B95556 *2/I93154	31	28.1	18.7	46.0	91.6	1.0	47.7	5.0
B04575	X01001 / B98306	26	28.1	24.3	47.0	91.5	1.0	48.5	5.5
B04643	B98306 // B95556 / I99229	94	28.0	20.6	48.0	94.3	1.0	49.1	5.5
B04624	B00101 / I00758	75	27.5	25.8	46.0	91.0	1.0	48.4	6.0
B04621	B95204 / X00821	72	27.1	22.6	45.0	90.5	1.0	47.9	4.4
B04586	B00101 // B00134 /B00103	37	27.0	19.8	46.0	93.4	1.0	48.2	5.0
B04567	B00103 // B95556 *2/I93154	18	26.7	20.6	45.0	91.5	1.0	47.9	6.0
B04623	B00101 / I00758	74	26.7	24.2	46.0	91.0	1.0	48.5	6.0
B04577	X01002 // B00134 / B00103	28	26.5	25.7	45.0	91.5	1.0	48.0	6.0
B04570	N00809 // B95556 *2/I93154	21	26.2	20.3	48.0	92.4	1.0	47.9	6.0
B04616	B98306 / I00758	67	26.0	24.6	46.0	90.6	1.0	46.4	5.5
B04566	B00103 // B95556 *2/I93154	17	25.9	19.6	47.0	91.6	1.0	47.9	5.5
B04639	B95556 // B98311 / I99229	90	25.9	22.2	44.0	91.4	1.0	48.5	6.0
B04620	B95204 / X00821	71	25.5	24.1	46.0	91.1	1.0	48.6	6.0
B04582	B98304 // B95556 *2/I93154	33	25.5	17.7	46.0	91.5	1.0	48.5	6.0
B04598	B98306 / X01001	49	25.0	20.0	44.0	92.2	1.0	48.4	6.4
B04627	B00103 / I00758	78	25.0	23.3	44.0	90.0	1.0	46.0	5.5
B04633	B00136 / X00821	84	25.0	25.8	46.0	93.9	1.0	49.4	5.5
B04593	X01005 / B00136	44	24.9	23.0	45.0	91.0	1.0	47.4	5.5
B04587	B95556 *4/I93154	38	24.9	20.1	45.0	92.0	1.0	47.5	5.0
B04563	N99250 // B00136 / X00822	14	24.9	22.2	47.0	92.5	1.0	47.6	4.5
B04596	B98306 / X01001	47	24.8	22.2	45.0	92.9	1.0	47.2	5.5
B04583	B98304 // B95556 *2/I93154	34	24.8	19.8	46.0	91.4	1.0	47.8	6.0
B04564	B00134 // B95204 *2/I93154	15	24.8	22.7	46.0	92.5	1.5	47.0	5.0
B04554	B00103 // B00103 / X00822	5	24.7	21.3	46.0	92.1	1.0	47.5	5.5
B04552	B98304 // B00135 / X00821	3	24.7	19.5	46.0	91.5	1.0	47.2	5.5
B04631	B00135 / I00758	82	24.7	21.0	47.0	91.0	1.0	48.9	6.0
B04610	B00101 // B95556 *2/I93154	61	24.5	20.0	45.0	92.0	1.0	47.3	5.5
B04561	N99250 // B00135 / I00758	12	24.4	23.1	45.0	90.5	1.0	47.9	5.9

EXPT.	4109 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04607	B95204 *3/I93154	58	24.3	20.4	47.0	92.9	1.0	48.7	5.6
B04571	N00809 // B95556 *2/I93154	22	24.3	20.3	47.0	92.4	1.0	49.0	6.0
B04646	B98312 // B98306 / I99229	97	24.2	19.5	45.0	90.4	1.0	45.8	5.1
B04576	X01002 // B00134 / B00103	27	24.2	24.4	45.0	91.0	1.0	47.5	5.5
B04645	B98312 // B98306 / I99229	96	24.1	18.5	45.0	91.0	1.0	47.5	5.6
B04604	X01006 / B00136	55	24.1	20.7	45.0	92.0	1.0	49.6	6.0
B04612	N00838 / B98304	63	24.0	19.1	45.0	92.4	1.0	46.6	5.1
B04609	B95556 / B98304	60	23.8	18.5	47.0	91.9	1.0	47.3	5.5
B04638	X00821 / B98306	89	23.8	20.4	45.0	93.0	1.0	46.5	4.5
B04585	B98306 // B95556 *2/I93154	36	23.6	19.6	46.0	90.4	1.0	48.4	5.9
B04591	B00101 / B95556 *2/I93154	42	23.5	21.9	45.0	91.2	1.0	47.9	6.0
B04573	I01894 // B95204 *2/I93154	24	23.4	19.8	45.0	90.1	1.0	45.5	5.0
B04617	B98306 / I00758	68	23.4	20.0	44.0	90.6	1.0	47.9	6.0
B04550	B98304 // N99216 / I00752	1	23.3	17.9	44.0	91.5	1.0	48.1	5.5
B04584	I01892 / B00102	35	23.2	20.5	46.0	93.6	1.5	48.0	5.9
B00101	PHANTOM/BLACKJACK, CONDOR	100	23.2	20.0	45.0	92.5	1.0	47.9	5.0
B04606	B95556 *4/I93154	57	22.8	18.2	47.0	91.5	1.0	46.4	5.0
B04618	B98306 / I00759	69	22.8	18.1	45.0	91.1	1.0	45.8	4.9
B04625	B00103 / I00758	76	22.8	23.8	44.0	90.2	1.0	47.3	5.9
B04640	B95556 // B98311 / I99229	91	22.8	21.5	44.0	90.7	1.0	47.5	6.0
B04565	B00134 // B95204 *2/I93154	16	22.7	19.4	45.0	91.6	1.0	47.6	5.5
B04560	N99250 // B00103 / X00822	11	22.6	23.3	45.0	91.0	1.0	47.8	5.5
I04313	PS00-336-4-4-B	99	22.5	21.9	46.0	92.6	1.0	48.0	5.0
B04578	B98304 // B95556 *2/I93154	29	22.4	18.6	45.0	91.6	1.0	46.5	5.5
B04568	N00809 // B95556 *2/I93154	19	22.3	20.8	46.0	92.9	1.0	47.8	5.6
B04626	B00103 / I00758	77	22.3	21.6	45.0	91.4	1.0	46.5	5.5
B04595	X01002 / B00102	46	22.1	24.0	43.0	90.6	2.0	44.5	5.0
B04572	I01894 // B95204 *2/I93154	23	22.1	21.5	45.0	92.1	1.0	47.6	5.5
B04637	X00822 / N99219	88	22.1	22.9	45.0	92.6	1.0	47.5	5.0
B04553	B00103 // B98306 / X00822	4	22.0	19.9	46.0	91.0	1.0	47.1	5.5

EXPT.	4109 PRELIMINARY BLACK YIELD TEST	PLANTING		DATE	6/4/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04630	B00103 / I00601	81	22.0	20.1	45.0	91.4	1.0	48.0	6.0
B04594	X01005 / B00136	45	22.0	21.8	46.0	90.5	1.0	47.0	5.0
B04611	N00729 / X01005	62	21.6	23.7	48.0	92.9	1.0	47.6	4.5
B04601	X01006 / B00136	52	21.6	19.6	45.0	91.5	1.0	46.0	5.0
B04558	B00136 // N99216 / X00821	9	21.5	17.3	45.0	90.4	1.0	45.5	5.0
B04562	N99250 // B00136 / X00822	13	21.4	21.4	44.0	90.7	1.0	47.5	4.5
B04613	N99216 / I00758	64	21.4	22.9	46.0	90.9	1.0	47.4	5.0
B04605	B00134 / B00103 // B95556 *2/I93154	56	21.3	19.7	49.0	93.4	1.0	46.5	5.1
B04619	B98306 / I00759	70	21.2	19.1	45.0	91.2	1.0	46.3	4.9
B04597	B98306 / X01001	48	21.1	21.7	45.0	92.0	1.0	47.1	5.1
B04592	B00101 / B95556 *2/I93154	43	21.1	20.5	46.0	93.0	1.0	47.8	5.5
B04589	B95556 *4/I93154	40	21.0	19.3	45.0	92.0	1.0	46.6	5.0
B04588	B95556 *4/I93154	39	20.8	19.9	45.0	92.4	1.0	45.1	4.1
B04569	N00809 // B95556 *2/I93154	20	20.7	18.6	45.0	91.1	1.0	48.7	6.5
B04614	N99216 / I00758	65	20.6	21.1	45.0	91.9	1.0	46.4	5.0
B04559	N99250 // B00103 / X00822	10	20.5	19.7	45.0	92.9	1.0	44.9	4.9
B04635	X00822 / N99219	86	20.5	21.4	45.0	91.3	1.0	45.0	5.0
I04312	PS00-331-3-4-B	98	20.4	24.2	46.0	91.6	1.5	47.0	4.5
B04641	B95556 * / I99228	92	20.3	18.5	47.0	92.7	1.0	45.7	5.0
B04628	B00103 / X00822	79	19.9	20.6	48.0	90.4	1.0	44.4	4.5
B04574	X01001 / B98306	25	19.9	20.9	46.0	91.5	1.0	47.4	4.5
B04622	B00101 / I00753	73	19.9	20.1	49.0	93.5	1.0	47.5	5.0
B04590	B00134 / B00103 // B95556 *2/I93154	41	19.7	21.5	47.0	91.9	1.0	46.2	5.0
B04629	B00103 / I00601	80	19.5	21.2	45.0	91.5	1.0	48.0	6.0
B04602	X01006 / B00136	53	19.5	18.2	48.0	92.9	1.0	47.1	5.1
B04557	B00136 // N99216 / X00821	8	19.4	17.9	44.0	89.9	1.0	45.1	5.0
B04634	B00136 / X00821	85	19.4	23.2	47.0	93.4	1.0	47.0	5.1
B04603	X01006 / B00136	54	19.3	21.3	47.0	93.1	1.0	48.5	6.0
B04608	B00101 // B95204 *2/I93154	59	19.0	21.3	48.0	94.6	1.0	48.9	5.0
B04632	B00135 / I00758	83	18.9	20.2	45.0	90.6	1.0	47.3	5.9

EXPT.	4109 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B04636	N97774 / X01004	87	18.9	20.0	45.0	90.9	1.0	45.1	4.5
B04600	B00102 // B95556 *2/I93154	51	18.9	19.8	45.0	90.1	1.0	47.0	5.5
B04642	B95556 * / I99228	93	18.7	18.7	48.0	93.0	1.0	48.0	5.5
B04579	B98304 // B95556 *2/I93154	30	18.6	17.9	46.0	92.5	1.0	46.5	5.5
B04551	B98304 // N99216 / I00752	2	17.9	19.4	45.0	91.0	1.0	45.6	5.0
B04555	B00103 // I00601 / X00821	6	17.9	20.8	45.0	91.2	1.0	45.0	4.0
B04556	B00136 // N99216 / X00821	7	17.1	18.3	44.0	91.0	1.0	43.4	4.5
B04581	B98304 // B95556 *2/I93154	32	17.0	17.8	45.0	91.4	1.0	46.2	5.0
B04615	N99219 / X00821	66	17.0	17.2	45.0	90.6	1.0	44.1	4.5
B04599	B00102 // B95556 *2/I93154	50	16.0	20.3	46.0	91.5	1.0	45.2	5.1
AVERAGE OF PRECEDING 100 MEANS			22.7	20.8	45.7	91.7	1.0	47.2	5.3
LSD(P=.05)			4.7	1.3	0.0	1.0	0.1	1.4	0.6
LSD(P=.01)			6.1	1.7	0.0	1.3	0.2	1.8	0.7
COEFFICIENT OF VARIATION (%)			12.8	3.8	0.0	0.7	8.5	1.8	6.5
EFFICIENCY OF LATTICE			188.6	105.6**	*****	106.9	100.1	105.6	103.7

EXPT.	4110 STANDARD GREAT NORTHERN YIELD TEST	PLANTING	DATE	6/4/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
G98601	G93442/X94023	9	32.7	36.2	43.0	90.0	1.0	50.4	6.0	
G02453	G99750/P97803	5	32.6	36.6	41.0	89.5	1.5	49.8	6.0	
G93414	MATTERHORN	8	31.6	35.2	43.0	89.0	2.0	48.2	5.0	
G98602	G93442/X94023	1	31.4	34.9	42.0	90.5	2.0	48.7	5.0	
G02460	MATTERHORN/VAX-1	16	30.9	36.2	44.0	90.5	1.0	50.7	6.0	
G02456	MATTERHORN/G97918	7	30.9	35.5	44.0	90.5	1.0	49.4	5.5	
G99732	X96130(bc_3)/MATTERHORN	19	30.9	37.3	45.0	89.5	1.5	48.5	5.0	
G02461	MATTERHORN/VAX-1	6	30.6	37.3	44.0	90.5	2.0	49.3	4.5	
G97905	G93414/54028	12	30.5	35.4	42.0	91.0	1.5	48.7	4.5	
G99727	MATTERHORN/G95101	4	30.5	35.0	45.0	91.0	2.0	50.5	5.0	
G02462	P99118/MATTERHORN	14	29.6	37.2	43.0	91.5	1.5	51.9	5.5	
G97914	G93414/G93401	11	29.6	36.4	44.0	89.5	2.0	48.4	5.0	
G02459	X99316/G95157	23	29.5	37.8	44.0	91.0	1.0	55.1	5.5	
G97941	G93414/G93441	13	29.3	35.9	42.0	90.0	2.0	51.7	4.0	
G01234	G97924//MATTERHORN/HURON	15	29.3	33.8	45.0	92.0	2.0	50.4	4.0	
G01244	MATTERHORN/6-810	24	28.6	36.4	44.0	91.0	2.0	51.4	5.0	
G01243	MATTERHORN/6-810	17	28.5	37.3	42.0	91.5	2.0	50.5	4.5	
G01259	WEIHING/MATTERHORN	18	28.0	32.5	45.0	91.5	2.0	49.2	4.5	
G02454	G99750/P97803	3	27.7	37.0	45.0	91.5	1.5	52.1	5.5	
G00536	X95623/G95009	20	27.7	35.8	45.0	93.5	2.0	50.3	4.0	
G00528	G93429/G96838	2	27.4	33.5	44.0	89.5	1.5	47.2	4.0	
G01240	WEIHING/HURON//G96826	22	26.8	34.9	44.0	91.5	2.0	48.9	3.5	
G01238	WEIHING/HURON//G95023	21	26.7	30.2	44.0	93.5	2.0	49.8	3.0	
G00520	MATTERHORN/G96835	10	25.7	42.6	46.0	89.5	1.5	47.6	5.0	
I03003	RS434,1999,6-2341,GN	25	23.4	35.1	45.0	93.5	3.0	48.9	3.5	
AVERAGE OF PRECEDING 25 MEANS			29.2	35.8	43.8	90.9	1.7	49.9	4.8	
LSD(P=.05)			2.2	1.3	0.0	0.8	0.3	1.6	0.5	
LSD(P=.01)			2.8	1.7	0.0	1.1	0.4	2.1	0.6	
COEFFICIENT OF VARIATION (%)			5.2	2.5	0.0	0.7	12.6	2.3	7.4	

EXPT.	4111 STANDARD PINTO YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I04304	ISB-5893-1	21	31.2	41.9	41.0	92.2	4.0	40.8	3.0
P00218	KODIAK/BDM-RMR-11	1	29.7	43.0	43.0	89.5	2.0	50.8	5.5
P04203	P99119/G99750	25	29.3	44.1	46.0	90.5	2.0	52.0	6.5
P94207	P90557/G91213, KODIAK	5	29.2	42.2	44.0	91.5	3.0	47.0	4.0
I99117	ASG85-5051-7,ASGROW, BUSTER	4	28.7	40.6	43.0	87.4	2.5	47.0	4.5
P02633	P99118/MATTERHORN	15	28.5	38.8	45.0	89.6	1.5	49.2	5.5
P00204	KODIAK/P96705	14	28.1	44.7	45.0	90.1	2.0	51.2	6.0
I04305	PS99-113E-6-B	22	27.7	35.4	40.0	90.6	3.0	46.3	4.0
P99119	P94211/MATTERHORN	11	27.6	43.5	44.0	89.0	2.0	47.9	4.5
P02630	P99120/MATTERHORN	6	27.6	40.1	45.0	87.5	2.1	49.6	6.0
P00217	KODIAK/BDM-RMR-11	12	27.6	44.3	43.0	91.4	2.0	50.5	5.5
P04206	P99119/G99750	28	27.4	45.6	44.0	89.6	2.0	49.4	5.5
P04202	P99119/G99750	24	27.4	42.9	42.0	89.9	1.6	50.9	6.0
P04204	P99119/G99750	26	27.4	46.5	46.0	94.0	2.0	52.7	6.0
P04207	P99139/G99750	30	27.3	45.4	45.0	88.6	1.5	49.2	6.0
P04205	P99119/G99750	27	27.3	43.4	45.0	90.5	1.0	50.6	6.0
I84002	NW410//VICTOR/AURORA, OTHELLO	13	26.9	37.9	40.0	85.8	2.1	45.9	4.0
I03002	RS37,1999,BELDAKMI RMR14	17	26.7	41.2	45.0	89.4	2.6	48.5	4.0
P02624	P97803/G97915	8	26.5	36.6	44.0	89.5	2.0	49.1	5.0
P02646	G99750/P97803	3	26.0	38.5	44.0	88.9	1.5	50.5	6.0
P02647	G99750/P97803	2	26.0	44.8	44.0	90.0	1.9	51.6	6.0
I04306	PS00-006-9-B-4-B	29	25.9	42.2	46.0	93.5	3.0	48.1	3.0
P02626	P98511/MATTERHORN	10	25.6	37.3	44.0	90.0	1.5	47.0	4.5
P02634	KODIAK//X98209/P98507	7	25.4	40.6	45.0	89.0	2.1	49.6	6.0
P02627	P99120/MATTERHORN	18	25.2	41.7	46.0	90.4	1.5	50.9	6.0
I03355	USPT-CBB-1,PT	9	24.8	37.5	40.0	91.1	2.5	43.0	3.5
P00226	P95427/MATTERHORN	16	24.3	45.0	46.0	91.5	1.9	50.2	6.0
P00225	P95427/MATTERHORN	19	24.1	44.0	46.0	91.0	1.4	50.1	6.0
P02642	BDM-RMR-11/X99301	20	23.6	44.2	44.0	88.0	2.0	48.3	5.0
P04201	P96746//G93414/I99117	23	14.6	40.3	46.0	95.0	2.5	54.2	5.0
	AVERAGE OF PRECEDING 30 MEANS		26.6	41.8	44.0	90.2	2.1	49.1	5.2
	LSD(P=.05)		2.6	2.7	0.0	1.1	0.3	1.3	0.5
	LSD(P=.01)		3.4	3.5	0.0	1.4	0.4	1.7	0.7
	COEFFICIENT OF VARIATION (%)		7.0	4.5	0.0	0.9	11.5	1.8	7.3

EXPT.	4112 STANDARD VINE CRAN YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
C03153	C97407 2*\NEGRO SAN LUIS-63	1	29.4	44.9	42.0	92.6	3.5	45.0	5.0
C03158	C97407 2*\NEGRO SAN LUIS-68	11	26.5	45.0	43.0	92.0	4.5	42.5	5.0
C03151	C97407 2*\NEGRO SAN LUIS-61	2	25.3	45.3	43.0	93.5	3.5	45.0	5.0
C99804	CARDINAL/C93212	16	23.7	49.5	39.0	91.5	2.0	47.0	5.0
C03149	C97407 2*\NEGRO SAN LUIS-59	9	23.5	38.4	43.0	96.1	3.5	45.5	5.0
C03119	C97407 2*\NEGRO SAN LUIS-24	5	23.5	46.8	44.0	91.5	3.5	44.5	5.0
C66001	MICRAN	13	23.5	49.9	43.0	96.1	4.5	43.0	4.5
C03146	C97407 2*\NEGRO SAN LUIS-56	7	23.2	42.1	42.0	93.0	4.5	48.5	4.5
C03156	C97407 2*\NEGRO SAN LUIS-66	8	22.6	40.3	43.0	95.5	3.0	48.0	5.5
C99833	CARDINAL/K94803	15	22.6	49.9	39.0	92.1	2.0	46.5	5.0
I04317	ASGROW 0759 VINE	14	22.1	50.8	42.0	91.4	2.0	49.0	5.5
C03147	C97407 2*\NEGRO SAN LUIS-57	3	22.1	44.1	40.0	94.4	3.5	45.5	5.0
C03157	C97407 2*\NEGRO SAN LUIS-67	4	21.6	49.5	44.0	96.5	5.0	43.0	4.0
C03161	C97407 2*\NEGRO SAN LUIS-71	10	21.5	41.2	43.0	96.1	3.0	47.5	5.0
C03150	C97407 2*\NEGRO SAN LUIS-60	6	19.7	46.9	45.0	95.5	4.5	43.5	4.5
C03148	C97407 2*\NEGRO SAN LUIS-58	12	18.9	41.9	39.0	93.9	2.0	46.0	5.0
AVERAGE OF PRECEDING 16 MEANS			23.1	45.4	42.1	93.8	3.4	45.6	4.9
LSD(P=.05)			2.9	3.8	0.0	0.6	0.4	1.5	0.3
LSD(P=.01)			3.8	5.0	0.0	0.8	0.5	2.0	0.4
COEFFICIENT OF VARIATION (%)			9.0	6.0	0.0	0.4	8.4	2.3	4.8

EXPT.	4213 STANDARD BUSH CRANBERRY YIELD TEST				PLANTING	DATE				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
C03152	C97407 2*\NEGRO SAN LUIS-62	15	34.0	58.5	38.0	92.4	1.5	45.2	5.2	
C03108	C97407 2*\NEGRO SAN LUIS-09	25	33.6	64.4	37.0	92.6	1.0	46.6	5.3	
C03142	C97407 2*\NEGRO SAN LUIS-52	19	31.3	62.7	39.0	92.0	1.0	46.0	4.9	
C03103	C97407 2*\NEGRO SAN LUIS-04	21	31.1	62.9	37.0	93.6	1.5	43.1	3.2	
C01638	MEX. CRAN/C97409	9	30.9	63.8	38.0	89.9	1.0	43.8	5.1	
C00305	92-197-02-14/CARDINAL	8	30.7	61.7	39.0	90.4	1.0	45.8	4.9	
C03163	C97407 2*\NEGRO SAN LUIS-75	17	30.6	65.1	38.0	91.6	1.0	47.4	5.6	
C00302	92-197-02-14/CARDINAL	10	30.4	62.8	39.0	92.1	1.0	46.1	5.0	
C03102	C97407 2*\NEGRO SAN LUIS-03	16	30.0	63.4	37.0	92.5	2.0	42.7	4.0	
C03117	C97407 2*\NEGRO SAN LUIS-18	32	29.9	58.3	39.0	91.4	1.0	41.3	3.4	
I00606	OT9641-281-1,USDA-PROSSER(CRAN)	1	29.7	64.5	36.0	91.1	2.0	46.9	4.5	
C03118	C97407 2*\NEGRO SAN LUIS-19	30	29.5	63.0	38.0	91.1	1.0	46.5	5.6	
C03155	C97407 2*\NEGRO SAN LUIS-65	22	29.4	62.5	40.0	94.5	1.0	43.5	3.4	
C81004	CRAN 425, CARDINAL	11	29.3	70.2	38.0	92.1	1.0	47.8	5.3	
C03137	C97407 2*\NEGRO SAN LUIS-42	31	29.3	61.4	37.0	93.0	1.0	42.7	3.8	
C00304	92-197-02-14/CARDINAL	4	29.2	62.9	38.0	90.6	1.0	48.8	5.2	
C99806	CARDINAL/C93212	7	29.1	62.4	36.0	90.0	1.0	46.9	5.1	
I99149	B386ASGROW,CRAN, HOOTER	2	28.9	71.8	39.0	95.6	1.0	47.2	3.9	
C99833	CARDINAL/K94803	5	28.7	70.8	37.0	94.1	1.0	44.9	4.3	
C99804	CARDINAL/C93212	12	28.2	63.9	37.0	92.0	1.5	45.9	4.5	
C01622	92-197-02-14/THORT	6	28.1	63.5	38.0	90.8	1.0	45.1	4.6	
C03116	C97407 2*\NEGRO SAN LUIS-17	27	27.6	61.0	39.0	91.1	1.0	43.8	4.9	
C03129	C97407 2*\NEGRO SAN LUIS-34	28	27.1	57.8	38.0	93.9	2.0	45.6	4.6	
C03121	C97407 2*\NEGRO SAN LUIS-26	26	27.0	69.0	40.0	94.4	2.5	44.5	3.0	
C81008	T HORT	35	27.0	58.4	39.0	89.9	1.0	45.7	4.0	

EXPT.	4213 STANDARD BUSH CRANBERRY YIELD TEST				PLANTING	DATE				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
I01775	CPC 00153(MEX,YELLOW)	34	26.4	50.2	42.0	95.0	1.0	48.2	3.8	
C03164	C97407 2*\NEGRO SAN LUIS-76	29	26.4	60.7	38.0	90.5	1.0	43.1	4.6	
I03901	TALENTO NANO (CRAN)	36	26.1	66.6	37.0	90.0	1.0	46.5	3.6	
I99133	PR95-400-5-1,USWA,98T6801	3	25.9	63.0	38.0	92.4	1.0	44.9	4.4	
C03143	C97407 2*\NEGRO SAN LUIS-53	18	25.9	56.8	37.0	92.0	2.0	46.9	5.0	
C03125	C97407 2*\NEGRO SAN LUIS-30	33	25.7	52.1	38.0	90.1	1.0	44.6	4.0	
C03127	C97407 2*\NEGRO SAN LUIS-32	24	25.2	52.0	38.0	93.0	1.0	47.1	3.3	
C03123	C97407 2*\NEGRO SAN LUIS-28	23	24.6	76.9	40.0	95.0	2.5	45.1	2.4	
C03160	C97407 2*\NEGRO SAN LUIS-70v	14	24.1	54.1	38.0	95.4	3.0	46.2	4.9	
C03154	C97407 2*\NEGRO SAN LUIS-64	13	23.6	55.2	39.0	91.5	1.0	45.1	5.2	
C03141	C97407 2*\NEGRO SAN LUIS-49	20	20.0	53.2	38.0	89.9	1.0	44.0	4.4	
	AVERAGE OF PRECEDING 36 MEANS		28.2	61.9	38.2	92.2	1.3	45.4	4.4	
	LSD(P=.05)		4.7	5.1	0.0	1.0	0.2	1.5	0.5	
	LSD(P=.01)		6.1	6.6	0.0	1.3	0.3	2.0	0.7	
	COEFFICIENT OF VARIATION (%)		11.8	5.8	0.0	0.7	11.4	2.4	8.1	

EXPT.	4114 STANDARD PINK & RED YIELD TEST	PLANTING	DATE	6/4/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
I03358	K124467,ADM,FDM	2	29.8	33.3	40.0	87.5	2.5	43.0	5.0	
S00105	89:411K/R94037, SELECT. FROM R99072	25	28.5	35.2	46.0	91.0	4.5	42.0	2.5	
I04310	PS01-040-4-B-B	29	27.6	35.4	42.0	91.0	3.5	42.9	3.5	
R97022	R94037/X94328	16	26.6	37.5	45.0	94.5	2.0	54.5	5.5	
R98026	R94037/R94161, MERLOT	3	26.4	37.8	45.0	95.0	2.0	53.0	4.5	
S02068	USWA-61//89:411K/R93346	21	26.4	29.8	42.0	92.5	2.0	48.4	5.0	
S00809	R94142/X94076	8	26.3	35.5	45.0	92.5	2.0	54.0	5.5	
I95322	BROOKS -18(RM)	26	26.0	32.7	45.0	95.0	3.0	48.0	4.0	
S02754	X99313//X98213/VAX-3	11	26.0	31.0	46.0	93.0	1.5	49.4	5.5	
R02002	R94026/X96024//R95429/X96034	19	25.5	33.2	45.0	92.5	1.5	50.5	5.0	
I04309	PS00-037-6-B-1-B	28	25.4	33.7	41.0	90.5	2.0	44.9	4.5	
S01809	R94142/X94076(SPS,S00809)	14	25.4	31.7	43.0	88.0	1.5	46.0	4.0	
R02205	R93365 / XAN 309 - CBB RESIST	5	25.2	26.7	45.0	90.5	1.0	47.5	5.5	
S02752	X99352/X99351	4	24.6	33.8	43.0	91.5	2.0	54.5	5.5	
R02189	R93346/3/R93006//R94030/JB 9438-217 - RUST RESIST	18	24.0	39.9	44.0	93.0	2.0	50.6	5.5	
S00802	X96119/X96109	10	23.9	36.1	44.0	90.0	2.0	49.0	5.5	
I03357	UC PINK 9634	23	23.9	32.4	42.0	91.5	2.0	46.6	3.5	
S02755	X99313//X98213/VAX-3	9	23.6	28.7	45.0	92.5	1.0	48.4	5.0	
S02751	X99352/X99351	7	23.4	31.2	42.0	91.0	1.0	52.4	6.0	
S02753	X99352/X99351	1	23.3	33.1	44.0	92.5	1.0	52.5	5.0	
S00801	X95308/X95353	6	23.1	39.9	43.0	90.5	1.5	48.6	5.0	
R02013	R94026/X96024//R95431/X96010	15	22.8	32.8	46.0	92.0	1.5	49.9	5.0	
I04308	PS99-174-5-B-B-1-B	27	22.8	35.4	44.0	94.5	4.0	43.0	3.0	
S00803	X96120/X96128	12	22.1	39.5	44.0	92.5	2.0	52.0	5.5	
I04311	PS01-045-11-B-B	30	21.9	38.8	44.0	94.0	4.5	42.9	3.0	
S00807	X95308/X95353	13	21.9	36.4	43.0	90.5	1.0	48.1	5.0	
S01944	X98213/VAX-3	22	21.6	30.3	44.0	94.5	2.5	49.0	5.0	
S00808	X96120/X96128	17	21.4	36.5	42.0	92.0	2.0	49.2	5.5	
S01948	X98215/VAX-3	20	21.0	29.1	46.0	92.5	2.0	47.5	3.5	
I02305	PR95-055-2-1-16(PK)ARS,USDA	24	19.3	34.2	44.0	86.5	1.0	43.2	4.0	
	AVERAGE OF PRECEDING 30 MEANS		24.3	34.1	43.8	91.8	2.1	48.4	4.7	
	LSD(P=.05)		2.9	1.4	0.0	0.6	0.3	1.1	0.5	
	LSD(P=.01)		3.8	1.8	0.0	0.8	0.4	1.4	0.6	
	COEFFICIENT OF VARIATION (%)		8.6	2.9	0.0	0.5	11.5	1.6	6.9	

EXPT.	4115 MRPN YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	MIDWEST REGIONAL PERFORMANCE NURSERY PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I98313	CO 51715(PINTO) , MONTROSE	7	31.2	37.7	46.0	92.0	4.5	40.0	2.5
G93414	MATTERHORN	5	30.7	35.8	45.0	91.0	2.0	46.5	5.0
I04324	ND020251 (MRPN)	11	29.7	40.1	44.0	92.0	1.5	45.5	4.5
G99727	MATTERHORN/G95101	20	29.5	35.3	45.0	90.5	1.0	45.5	5.0
I03385	ABCP #8,PT	17	29.3	31.9	45.0	91.5	4.0	40.0	2.5
G02456	MATTERHORN/G97918	22	29.3	35.4	45.0	91.5	1.0	47.0	6.0
G02454	G99750/P97803	4	29.2	38.1	46.0	91.5	1.5	48.0	5.5
I03381	CO 12613,PT	9	28.8	39.5	45.0	90.0	2.5	44.0	4.5
P02630	P99120/MATTERHORN	3	28.5	39.4	47.0	90.0	1.5	46.0	5.0
I03382	CO 12531,PT	10	28.2	36.5	44.0	92.5	3.0	42.0	4.0
I04325	ND010554 (MRPN)	12	28.1	41.3	43.0	90.5	2.0	45.0	4.0
P02647	G99750/P97803	2	27.7	44.4	46.0	91.5	2.0	48.5	6.0
P02646	G99750/P97803	1	27.7	39.2	46.0	90.5	1.0	48.0	6.0
G02453	G99750/P97803	21	27.0	36.3	43.0	91.5	1.0	47.0	5.0
I03375	ND010307,PT	13	26.3	40.5	45.0	93.5	2.0	47.0	5.0
I99117	BUSTER (PT)ASG85-5051-7,ASGROW	6	25.9	41.1	44.0	91.5	2.5	44.0	3.5
I02505	ND010565(PINTO)	14	25.8	41.2	44.0	90.5	2.0	43.0	4.0
I03378	ND020597,GN	15	23.8	32.0	46.0	91.5	1.0	43.0	4.5
I03387	ABCP #17,PT	19	22.8	38.9	45.0	91.5	3.0	41.5	3.0
I03386	ABCP #15,PT	18	22.8	37.9	45.0	91.0	3.0	42.0	3.0
I03379	CO 12786,PT	8	21.5	38.1	46.0	94.0	3.5	44.0	4.0
I95346	WM3-94-9 NE(GN), WEIHING	16	21.2	34.7	44.0	93.0	2.0	47.0	4.5
AVERAGE OF PRECEDING 22 MEANS			27.0	38.0	45.0	91.5	2.2	44.8	4.4
LSD(P=.05)			4.0	2.1	0.0	1.0	0.6	1.7	0.5
LSD(P=.01)			5.2	2.8	0.0	1.3	0.7	2.3	0.6
COEFFICIENT OF VARIATION (%)			9.1	3.4	0.0	0.7	15.9	2.4	6.9

EXPT.	4116 PRELIMINARY PINK & RED YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I01824	OT9743-296-5-7	20	33.3	33.5	40.0	88.5	3.0	44.5	3.4
I04315	USRM-20	18	27.5	41.9	44.0	90.5	3.0	45.0	3.0
S04508	X99354*/MATTERHORN	8	27.2	38.8	45.0	93.0	1.5	52.4	4.9
I04316	NW-63	19	26.8	32.5	40.0	88.6	2.5	44.6	3.1
S00809	R94142/X94076	15	25.9	33.9	44.0	91.0	2.0	51.1	5.0
S04514	X99354*/MATTERHORN	14	25.7	36.3	40.0	94.0	2.0	51.5	5.7
S04512	X99354*/MATTERHORN	12	25.3	37.0	45.0	92.5	2.0	50.0	4.7
R97003	R93006/R93003	17	24.8	38.1	41.0	90.5	2.0	48.6	4.2
S04503	X99352//X99354/MATTERHORN	3	24.8	38.7	45.0	94.0	1.0	53.5	6.0
S04505	X99352//X99354/MATTERHORN	5	22.9	38.0	46.0	94.0	2.0	52.0	6.0
S04501	X99352//X99354/MATTERHORN	1	22.7	35.3	46.0	93.0	2.0	52.5	5.4
S04507	X99354*/MATTERHORN	7	22.7	37.5	45.0	92.5	2.0	49.5	4.5
S04509	X99354*/MATTERHORN	9	22.5	38.2	48.0	93.0	2.0	52.4	5.3
S04513	X99354*/MATTERHORN	13	22.4	38.3	46.0	93.0	2.0	51.0	5.0
S04510	X99354*/MATTERHORN	10	21.8	36.5	45.0	91.0	1.0	50.1	5.0
S04502	X99352//X99354/MATTERHORN	2	21.4	37.8	46.0	91.5	2.0	49.5	5.4
S04504	X99352//X99354/MATTERHORN	4	21.3	37.4	47.0	94.5	2.0	55.0	6.0
S04511	X99354*/MATTERHORN	11	20.9	37.9	45.0	92.5	2.0	50.5	5.2
S04506	X99354*/MATTERHORN	6	19.0	35.7	45.0	93.0	2.0	48.9	5.0
I04314	ROSADA NATIVA	16	11.6	31.8	45.0	92.0	1.0	45.5	4.5
	AVERAGE OF PRECEDING 20 MEANS		23.5	36.8	44.4	92.1	2.0	49.9	4.9
	LSD(P=.05)		4.9	2.3	0.0	0.9	0.3	1.7	0.5
	LSD(P=.01)		6.4	3.0	0.0	1.2	0.3	2.2	0.7
	COEFFICIENT OF VARIATION		12.9	3.9	0.0	0.6	8.3	2.1	6.9

EXPT.	4117 PRELIMINARY TEBO YIELD TEST	PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
G93414	MATTERHORN	19	31.5	36.6	44.0	90.6	2.0	50.0	6.0
I03388	HIME TEBO	18	29.0	28.8	42.0	91.2	2.0	47.4	5.4
G04914	TEBO*3/MATTERHORN	14	26.5	28.8	41.0	88.1	2.0	45.9	4.5
G04903	TEBO*3/MATTERHORN	3	26.1	28.5	44.0	91.5	2.0	45.5	4.6
G04915	TEBO*3/MATTERHORN	15	25.7	28.9	40.0	89.5	2.0	45.2	4.6
G04904	TEBO*3/MATTERHORN	4	25.6	28.4	42.0	90.4	2.0	45.8	4.4
G04909	TEBO*3/MATTERHORN	9	25.6	28.2	42.0	89.5	2.0	47.8	5.4
G04913	TEBO*3/MATTERHORN	13	25.5	28.5	43.0	90.4	2.0	48.0	4.9
N97774	BUNSI/HURON, SEAHAWK	20	25.5	22.0	43.0	92.6	2.0	48.1	5.1
G04906	TEBO*3/MATTERHORN	6	25.5	28.2	40.0	88.9	2.0	47.0	4.5
G04905	TEBO*3/MATTERHORN	5	25.4	29.3	41.0	90.0	2.0	46.7	5.1
G04917	TEBO*3/MATTERHORN	17	25.3	30.6	43.0	91.5	2.0	46.6	5.0
G04911	TEBO*3/MATTERHORN	11	24.7	29.5	42.0	88.4	2.0	44.9	3.9
G04910	TEBO*3/MATTERHORN	10	24.7	27.8	43.0	88.5	2.0	46.1	4.0
G04912	TEBO*3/MATTERHORN	12	23.9	27.5	42.0	87.7	2.0	45.1	4.6
G04902	TEBO*3/MATTERHORN	2	23.9	32.0	44.0	92.0	2.0	46.6	5.1
G04908	TEBO*3/MATTERHORN	8	23.8	27.5	42.0	89.6	2.0	46.0	4.0
G04901	TEBO*3/MATTERHORN	1	23.4	31.6	43.0	91.4	2.0	47.0	5.0
G04907	TEBO*3/MATTERHORN	7	22.8	27.6	42.0	91.5	2.0	46.8	5.0
G04916	TEBO*3/MATTERHORN	16	21.9	27.3	40.0	88.9	2.0	44.5	4.0
AVERAGE OF PRECEDING 20 MEANS			25.3	28.9	42.2	90.1	2.0	46.6	4.7
LSD(P=.05)			3.5	2.0	0.0	1.3	0.0	1.3	0.6
LSD(P=.01)			4.6	2.5	0.0	1.7	0.0	1.7	0.8
COEFFICIENT OF VARIATION (%)			8.6	4.2	0.0	0.9	0.0	1.7	8.3

EXPT.	4118 PRELIMINARY GREAT NORTHERN YIELD TEST		PLANTING	DATE	6/4/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
I03354	ISB 97-4071(GN)	26	36.1	36.6	42.0	86.5	5.0	40.0	2.5	
G04510	G99750//G93414/N00904	10	35.7	38.4	45.0	91.5	1.0	46.9	5.5	
I04302	PS01-130-6-B-B	25	35.4	36.9	45.0	92.5	2.0	49.5	5.0	
G04517	G99750//G93414/N00904	17	34.6	35.5	42.0	89.6	1.0	46.1	5.5	
G93414	MATTERHORN	23	34.2	36.4	43.0	89.6	2.0	46.9	5.0	
G04514	G99750//G93414/N00904	14	34.2	35.7	43.0	89.5	1.0	46.3	6.0	
G04520	G99702//G93414/N00904	20	33.4	36.4	45.0	88.6	1.0	46.7	4.5	
G04518	G99750//G93414/N00904	18	32.9	36.8	45.0	90.5	1.0	49.5	6.5	
G04524	P99139/G99750	29	32.8	44.8	44.0	90.5	1.5	48.0	5.5	
G04521	G99702//G93414/N00904	21	32.5	33.3	45.0	91.0	1.0	46.0	5.0	
G04504	G99750/G00511	4	32.5	38.3	43.0	90.0	1.0	47.7	6.0	
G04512	G99750//G93414/N00904	12	32.4	41.1	44.0	91.9	2.0	47.2	4.5	
G04508	G99750/P99120	8	31.9	38.7	43.0	90.5	2.0	48.2	5.5	
G04515	G99750//G93414/N00904	15	31.9	39.2	42.0	89.5	1.0	47.4	5.5	
G04519	G99702//G93414/N00904	19	31.8	35.4	45.0	89.0	1.0	45.4	5.0	
G04523	P96746//G93414/I99117	28	31.7	34.7	44.0	93.0	2.0	53.6	4.5	
I04303	BIGHORN	27	31.6	39.5	42.0	93.4	3.0	49.5	3.5	
G04522	G99702//G93414/N00904	22	31.4	35.9	42.0	89.0	1.0	45.9	5.5	
G04507	G99750/P99120	7	31.3	38.2	45.0	90.0	2.0	47.2	5.0	
G04511	G99750//G93414/N00904	11	31.2	40.2	44.0	90.0	1.0	43.7	4.5	
I04301	USGN-5	24	31.2	38.2	44.0	90.9	1.0	48.7	5.0	
G04513	G99750//G93414/N00904	13	30.7	37.4	43.0	90.0	1.0	48.2	6.0	
G04506	G99750/G00528	6	29.8	39.6	43.0	89.6	1.0	48.5	6.0	
I04307	PS99-136-3-B-B-6-B	30	29.7	36.0	45.0	91.9	2.0	48.0	4.0	
G04509	G99750//G93414/N00904	9	29.5	41.2	44.0	91.1	1.0	47.3	5.0	
G04503	G99750/G00511	3	29.0	35.6	46.0	91.4	1.5	51.5	5.0	
G04516	G99750//G93414/N00904	16	28.8	39.4	43.0	89.5	1.0	47.9	6.0	
G04505	G99750/G00528	5	28.4	35.2	43.0	89.0	1.0	45.4	5.0	
G04501	G99750/G00511	1	28.2	29.6	46.0	93.0	2.0	48.9	5.5	
G04502	G99750/G00511	2	24.5	33.2	45.0	91.4	1.0	50.0	5.5	
AVERAGE OF PRECEDING 30 MEANS			31.6	37.2	43.8	90.5	1.5	47.5	5.1	
LSD(P=.05)			3.6	3.7	0.0	0.8	0.2	1.4	0.5	
LSD(P=.01)			4.7	4.8	0.0	1.1	0.3	1.8	0.7	
COEFFICIENT OF VARIATION (%)			7.0	6.1	0.0	0.6	8.7	1.8	6.4	

EXPT.	4219 STANDARD KIDNEY YIELD TEST	PLANTING	DATE	6/15/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
K03240	REDHAWK*2/NEGRO SAN LUIS-140	42	38.1	63.0	38.0	94.2	1.1	45.4	4.4
K01974	BELUGA*/CELIA	3	37.2	71.2	39.0	94.5	1.0	47.1	4.1
I04322	18-V96 (LRK)	19	37.1	61.6	39.0	97.0	1.5	47.3	4.6
K03241	REDHAWK *2/NEGRO SAN LUIS-141	36	36.6	59.6	38.0	95.8	1.5	46.8	3.8
I90013	(LRK)UCD,CELRK	18	36.0	69.9	36.0	93.7	1.1	45.5	4.0
K04602	C97409/I98512	56	35.9	62.4	37.0	94.3	1.0	48.8	5.5
K01975	BELUGA*/CELIA	12	35.6	63.9	38.0	96.2	1.0	48.0	5.0
K00922	BELUGA/ELSA	9	35.1	58.5	38.0	94.0	1.0	47.5	4.1
K01972	BELUGA*/CELIA	17	35.0	63.9	39.0	93.6	1.0	45.4	4.9
K01405	K86506/REDHAWK,SEL OUT OF K00605	8	34.9	56.4	38.0	97.2	1.1	46.8	4.5
K90902	BEA/50B1807//LASSEN, BELUGA	13	34.6	63.3	38.0	94.0	1.0	47.6	4.4
K03284	REDHAWK *2/NEGRO SAN LUIS-184	30	34.1	62.7	38.0	95.1	1.0	45.4	4.4
K03288	REDHAWK *2/NEGRO SAN LUIS-188	29	34.1	59.9	38.0	93.1	1.0	46.9	4.6
K03244	REDHAWK *2/NEGRO SAN LUIS-144	26	34.1	59.0	37.0	96.1	1.0	47.2	4.0
K90101	CHAR/2*MONT, RED HAWK	1	33.6	61.1	38.0	94.8	1.0	46.0	4.3
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	2	33.5	56.5	38.0	96.3	1.0	47.6	5.0
K03207	REDHAWK *2/NEGRO SAN LUIS-107	50	33.2	64.9	41.0	97.0	3.0	45.7	3.9
K03243	REDHAWK*2/NEGRO SAN LUIS-143	38	33.1	58.7	39.0	95.8	1.0	48.9	4.8
K03249	REDHAWK *2/NEGRO SAN LUIS-149	27	33.0	40.7	38.0	96.8	1.0	47.4	4.1
K99975	CARDINAL/K94813	7	32.8	62.5	37.0	93.3	1.4	47.9	5.6
K03235	REDHAWK*2/NEGRO SAN LUIS-135	28	32.4	56.9	38.0	91.5	1.0	46.1	4.5
K04601	X98201/X98204	55	32.3	57.4	37.0	93.7	1.0	48.6	5.9
K03242	REDHAWK*2/NEGRO SAN LUIS-142	43	32.1	56.9	38.0	95.2	1.0	47.1	5.1
K01985	CARDINAL/K94813//LASSEN/BELUGA	15	31.6	67.5	39.0	95.4	1.0	44.8	5.1
I04321	1120-V96 (LRK)	21	31.4	63.0	38.0	94.8	1.5	48.6	4.5
I04318	1132-V96(LRK)	22	31.3	75.8	39.0	96.8	1.0	48.8	4.0
K03278	REDHAWK*2/NEGRO SAN LUIS-178	33	31.2	57.5	38.0	96.5	1.0	48.9	4.0
I00639	119-72,MONTCALM/CELRK,LRK	4	31.0	68.7	38.0	96.1	1.0	44.9	4.1
K03224	REDHAWK*2/NEGRO SAN LUIS-124	41	30.9	50.6	37.0	95.6	1.4	46.8	4.5
K03289	REDHAWK*2/NEGRO SAN LUIS-189	44	30.7	56.9	39.0	96.6	1.5	44.7	3.1

EXPT.	4219 STANDARD KIDNEY YIELD TEST	PLANTING	DATE	6/15/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
I04319	CPC00247(WK)	23	30.5	63.7	35.0	92.7	1.0	44.2	3.5	
I04323	1031-V96 (LRK)	20	30.3	64.7	38.0	97.6	1.0	48.6	4.1	
K03257	REDHAWK*2/NEGRO SAN LUIS-157	45	30.1	57.8	38.0	94.2	2.0	42.6	3.4	
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	10	29.9	60.8	38.0	96.4	1.0	47.8	3.5	
K03282	REDHAWK*2/NEGRO SAN LUIS-182	37	29.8	52.6	39.0	95.6	1.0	47.4	4.5	
K03271	REDHAWK*2/NEGRO SAN LUIS-171	46	29.8	58.8	39.0	93.7	1.0	46.2	4.4	
K03274	REDHAWK*2/NEGRO SAN LUIS-174	54	29.6	45.8	39.0	95.3	0.9	45.6	4.6	
K03269	REDHAWK*2/NEGRO SAN LUIS-169	53	29.6	48.0	39.0	96.3	1.0	47.0	4.0	
K03206	REDHAWK*2/NEGRO SAN LUIS-106	35	29.4	61.0	37.0	94.1	1.0	46.7	3.9	
K03287	REDHAWK*2/NEGRO SAN LUIS-187	39	29.4	59.4	38.0	94.5	2.0	46.0	3.9	
K03219	REDHAWK*2/NEGRO SAN LUIS-119	49	29.2	55.1	38.0	94.5	1.0	47.3	5.1	
K03281	REDHAWK*2/NEGRO SAN LUIS-181	32	29.2	61.7	38.0	96.9	1.0	48.2	4.0	
K99974	CARDINAL/K94803	16	28.9	60.6	38.0	92.6	1.0	44.7	4.6	
K03232	REDHAWK *2/NEGRO SAN LUIS-132	52	28.6	58.7	37.0	95.0	1.0	44.0	4.1	
K03213	REDHAWK*2/NEGRO SAN LUIS-113	47	28.4	55.9	42.0	97.7	3.0	48.1	3.3	
K01973	K90902//CELIA/BELUGA	14	28.3	61.7	38.0	93.9	1.0	46.0	5.0	
K03253	REDHAWK*2/NEGRO SAN LUIS-153	31	28.0	66.3	40.0	97.0	3.0	47.0	2.6	
K03248	REDHAWK*2/NEGRO SAN LUIS-148	34	27.9	63.2	38.0	95.9	0.9	47.5	5.1	
K03222	REDHAWK*2/NEGRO SAN LUIS-122	25	27.8	55.5	37.0	96.3	1.0	45.8	4.4	
I99103	119-20,MONTCALM/CELRK,LRK	5	27.6	69.9	38.0	97.5	1.0	47.1	4.0	
K03214	REDHAWK*2/NEGRO SAN LUIS-114	40	26.0	55.9	41.0	96.4	2.0	47.5	3.5	
K01234	REDCOAT ,MUTANT OUT OF REDHAWK	6	26.0	61.4	37.0	95.2	1.0	45.1	4.7	
K00417	CHINOOK/REDHAWK	11	25.7	53.3	38.0	92.5	0.9	45.0	4.1	
K03272	REDHAWK 2*NEGRO SAN LUIS-172	48	25.4	46.3	39.0	94.1	1.5	43.9	3.6	
I04320	USWK-70 (WK)	24	25.2	81.1	38.0	98.1	1.4	48.7	4.0	
K03285	REDHAWK*2/NEGRO SAN LUIS-185	51	25.2	54.8	37.0	94.0	1.4	45.0	3.5	
AVERAGE OF PRECEDING 56 MEANS			31.2	60.1	38.2	95.2	1.2	46.6	4.3	
LSD(P=.05)			5.2	3.3	0.0	1.1	0.2	1.3	0.5	
LSD(P=.01)			6.8	4.3	0.0	1.5	0.3	1.7	0.7	
COEFFICIENT OF VARIATION			11.9	3.9	0.0	0.9	12.6	2.0	8.3	

EXPT.	4220 PRELIMINARY KIDNEY YIELD TEST	PLANTING	DATE	6/15/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
K04612	K99974/CELRK	10	42.4	65.9	36.0	95.0	1.1	48.0	5.4
K04605	REDKANNER/X99325	3	40.6	56.3	41.0	98.5	2.5	49.5	4.6
K04603	X98201/X98208//BELUGA/X98205	1	39.3	64.0	36.0	94.0	1.0	48.0	6.0
K04607	X98201/X98208//BELUGA/X98205	5	37.8	67.0	36.0	94.5	1.0	46.0	5.0
K04606	REDKANNER/X99325	4	36.9	54.1	39.0	97.5	2.5	47.0	4.9
K04615	X98201/X98208//BELUGA/X98205	13	36.6	67.1	37.0	94.5	1.0	46.5	5.0
K03601	CHINOOK 2000 SELECT	15	35.7	55.0	38.0	98.0	0.9	47.5	5.5
K04609	REDKANNER/X99325	7	34.9	51.9	30.0	96.5	1.5	48.0	4.5
K04608	REDKANNER/X99325	6	34.5	50.3	40.0	99.5	0.9	49.5	4.5
K04604	K99974/CELRK	2	33.8	64.3	36.0	94.5	1.0	47.5	5.6
K04613	X98201/X98208//BELUGA/X98205	11	33.2	75.4	36.0	94.0	1.1	45.5	4.5
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	16	32.3	58.9	38.0	98.0	1.0	48.0	5.1
K04614	BELUGA//X98201/X98204	12	29.5	54.5	42.0	100.0	1.1	59.0	4.9
K04611	X98201/X98205//BELUGA	9	28.9	60.8	38.0	95.5	0.9	45.5	4.4
K04603	X98201/X98208//BELUGA/X98205	14	26.6	55.6	38.0	96.5	1.0	46.0	4.6
K04610	K99962/K90101	8	26.1	63.0	39.0	98.5	1.0	47.0	5.0
AVERAGE OF PRECEDING 16 MEANS			34.3	60.3	37.5	96.6	1.2	48.0	5.0
LSD(P=.05)			5.1	3.7	0.0	1.3	0.7	1.4	0.5
LSD(P=.01)			6.6	4.8	0.0	1.8	0.9	1.8	0.6
COEFFICIENT OF VARIATION			9.1	3.8	0.0	0.9	34.1	1.7	6.1

EXPT.	4121 PRELIMINARY BLACK YIELD TEST	PLANTING	DATE	6/3/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I81066	SEL-BTS,T39	18	22.3	18.8	47.0	92.5	1.5	47.5	5.0
B01112	BLACK MAGIC /RAVEN	7	21.0	18.4	46.0	92.0	1.0	46.5	6.0
B01098	BLACK MAGIC /RAVEN	5	19.9	17.9	45.0	90.0	1.0	46.0	4.5
B00101	PHANTOM/BLACKJACK, CONDOR	16	18.3	20.1	47.0	92.0	1.0	47.0	5.5
B01109	BLACK MAGIC /RAVEN	10	15.2	16.9	47.0	93.0	1.0	47.5	5.5
B01085	BLACK MAGIC /RAVEN	15	15.1	18.8	46.0	92.0	1.0	46.5	5.5
B01034	BLACK MAGIC /RAVEN	8	14.5	17.1	47.0	90.5	1.0	42.5	4.0
B01012	BLACK MAGIC /RAVEN	9	14.4	17.4	47.0	91.0	1.0	45.0	4.5
B01035	BLACK MAGIC /RAVEN	11	14.1	17.2	46.0	90.5	1.0	46.0	5.0
B01064	BLACK MAGIC /RAVEN	12	13.7	16.8	47.0	90.5	1.0	48.0	5.0
B01054	BLACK MAGIC /RAVEN	2	13.6	19.0	47.0	91.5	1.0	45.0	4.5
B01043	BLACK MAGIC /RAVEN	14	13.4	18.4	45.0	90.5	1.0	46.0	4.5
B01104	BLACK MAGIC /RAVEN	13	13.4	16.9	47.0	90.0	1.0	44.5	4.5
B01009	BLACK MAGIC /RAVEN	3	13.2	18.1	47.0	91.5	1.0	46.0	5.0
B01040	BLACK MAGIC /RAVEN	4	12.9	16.8	47.0	92.0	1.0	45.0	5.0
B95556	B90211/N90616, JAGUAR	17	12.7	18.0	47.0	92.0	1.0	45.0	5.0
B01074	BLACK MAGIC /RAVEN	6	12.3	18.3	47.0	91.5	1.0	47.5	5.0
B01110	BLACK MAGIC /RAVEN	1	10.3	17.5	47.0	92.5	1.0	47.5	5.5
AVERAGE OF PRECEDING 18 MEANS			15.0	17.9	46.6	91.4	1.0	46.1	5.0
LSD(P=.05)			3.0	1.0	0.0	0.9	0.2	1.3	0.6
LSD(P=.01)			3.9	1.3	0.0	1.2	0.3	1.7	0.8
COEFFICIENT OF VARIATION (%)			12.3	3.5	0.0	0.6	11.5	1.8	7.8

EXPT.	4222 STANDARD WHITE MOLD YIELD TEST	PLANTING	DATE	6/15/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	11	44.5	37.0	22.8	47.0	99.0	1.5	53.1	5.5
I02545	AN 37,(PINTO)	7	43.7	40.7	34.6	40.0	93.0	1.0	48.0	5.0
I03360	AN-69,(PINTO)	8	42.5	29.6	37.5	38.0	96.0	1.0	49.6	6.5
N97774	BUNSI/HURON, SEAHAWK	59	40.8	29.6	24.1	42.0	98.0	2.4	47.7	4.5
N02302	BUNSI/RAVEN,105-88	10	40.4	25.9	22.5	42.0	98.5	0.9	53.0	5.5
I81010	JAPON3/MAGDALENE, BUNSI	3	39.6	37.0	21.5	39.0	97.5	2.0	47.2	5.0
R98026	R94037/R94161, MERLOT	51	39.0	44.4	30.8	42.0	93.5	1.5	54.2	4.5
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	35	38.2	40.7	20.0	45.0	97.0	1.5	52.2	5.0
B01793	N98123/VAX-5	54	37.8	37.0	21.9	44.0	97.5	1.5	51.8	5.0
N04817	BUNSI/PI-318695,BC2F6	29	37.8	33.3	20.6	40.0	97.0	2.0	47.2	5.0
B02601	BUNSI/RAVEN,105-37	57	37.3	33.3	22.0	40.0	97.5	1.0	52.2	4.0
N04819	BUNSI/PI-318695,BC2F6	31	37.2	33.3	19.4	39.0	100.0	3.0	47.6	4.0
S02753	X99352/X99351	50	36.8	51.9	35.5	42.0	96.5	1.0	54.1	6.0
B03643	B00136/X00821	62	36.5	51.9	21.3	42.0	97.5	1.0	51.8	5.0
I99117	BUSTER (PT)ASG85-5051-7,ASGROW	64	36.0	55.6	34.4	41.0	91.5	1.5	47.6	5.0
N04812	BUNSI/PI-318695,BC1F6	24	35.8	33.3	23.2	39.0	97.5	1.5	43.9	4.0
N04815	BUNSI/PI-318695,BC1F6	27	35.7	37.0	19.1	44.0	99.5	2.1	48.5	4.0
N04804	HURON/PI-318695,BC2F5	16	35.3	33.3	23.6	41.0	92.5	1.0	45.9	3.5
P02630	P99120/MATTERHORN	40	35.3	55.6	34.4	43.0	93.0	1.5	48.0	5.5
N00838	MACKINAC/VISTA	60	35.3	33.3	19.7	41.0	100.0	1.5	53.4	6.0
P02647	G99750/P97803	39	34.7	51.9	42.2	42.0	96.0	1.5	53.5	6.0
N04805	HURON/PI-318695,BC2F5	17	34.5	37.0	25.2	41.0	93.0	1.0	47.1	5.0
I96417	G122 MAGNUSON(CRAN)	1	34.3	37.0	45.4	38.0	99.0	1.0	49.5	4.0
S00809	R94142/X94076	49	34.2	45.8	35.4	41.0	93.0	1.0	51.5	5.0
N02305	BUNSI/RAVEN,105-25	58	34.0	44.4	23.3	40.0	100.0	1.0	50.5	4.0

EXPT.	4222 STANDARD WHITE MOLD YIELD TEST	PLANTING	DATE	6/15/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B00101	PHANTOM/BLACKJACK, CONDOR	34	33.8	51.9	19.8	44.0	95.0	1.0	51.3	5.0
B03623	B98306/X00821	63	33.4	33.3	23.3	43.0	98.5	1.5	53.5	4.5
B03625	B98306/X00821	48	33.3	40.7	21.6	45.0	94.5	1.0	51.4	5.0
I98546	USWA-6, (HSR) ROJO CHIQUITO	12	33.2	29.6	22.3	45.0	96.5	1.0	51.6	5.0
G02453	G99750/P97803	45	33.0	66.7	36.2	43.0	94.5	2.0	50.5	4.5
I03359	AN-1,WHITE	6	32.9	40.7	37.3	35.0	95.0	1.1	47.4	5.5
G02454	G99750/P97803	43	32.9	48.1	36.1	41.0	93.5	1.0	51.1	5.5
I81066	SEL-BTS, T39	36	32.8	55.6	19.5	47.0	97.0	2.5	48.8	4.0
B01741	TACANA/JAGUAR	53	32.6	40.7	21.3	43.0	98.0	1.0	53.0	5.0
I02535	CORNELL 601(LRK)	5	32.5	29.6	45.0	38.0	94.0	1.1	44.5	4.5
P02646	G99750/P97803	38	32.4	48.1	36.6	42.0	93.0	1.0	51.8	5.5
N04818	BUNSI/PI-318695,BC2F6	30	32.0	33.3	17.9	43.0	99.0	2.5	46.1	4.5
B03637	PHANTOM/X00822	61	31.8	55.6	23.2	42.0	97.0	1.0	52.0	5.5
G98602	G93442/X94023	41	31.5	66.7	32.3	43.0	91.0	1.0	49.5	4.0
N04806	HURON/PI-318695,BC2F5	18	31.4	37.0	24.4	40.0	94.0	1.5	46.6	3.5
N04807	HURON/PI-318695,BC2F5	19	31.2	44.4	24.3	41.0	94.0	1.0	45.8	3.5
G02461	MATTERHORN/VAX-1	46	30.4	66.7	33.8	41.0	92.0	1.9	50.1	5.0
I00641	CO 75944,PT	9	30.4	55.6	38.8	42.0	96.0	3.0	46.9	3.5
N04802	HURON/PI-318695,BC2F5	14	30.3	40.7	22.6	41.0	92.0	1.5	47.5	4.5
I89011	RB(GN), BERYL	2	29.8	81.5	27.8	42.0	90.5	3.0	42.3	3.0
I02536	CORNELL 501(SNAP)	4	29.5	33.3	31.6	39.0	96.0	1.5	47.3	4.0
N04803	HURON/PI-318695,BC2F5	15	29.5	59.3	21.8	42.0	95.5	2.5	44.3	4.0
N04809	BUNSI/PI-318695,BC2F5	21	29.3	44.4	16.6	43.0	98.5	2.5	46.0	4.5
N04820	BUNSI/PI-318695,BC2F6	32	29.1	33.3	18.4	40.0	97.5	2.0	46.4	4.0
G93414	MATTERHORN	33	29.0	63.0	33.1	42.0	92.5	1.5	48.1	4.0

EXPT.	4222 STANDARD WHITE MOLD YIELD TEST	PLANTING	DATE	6/15/2004						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
R97003	R93006/R93003	52	28.9	70.4	33.3	42.0	91.5	1.1	51.3	5.5
N04813	BUNSI/PI-318695,BC1F6	25	28.8	29.6	20.2	39.0	96.0	1.0	44.9	4.0
N04810	BUNSI/PI-318695,BC2F5	22	28.7	33.3	18.4	40.0	98.5	2.0	45.2	4.0
N02237	N97774/JAGUAR	56	28.6	55.6	20.7	41.0	92.5	1.0	51.0	5.0
N04808	HURON/PI-318695,BC2F5	20	28.5	37.0	21.6	41.0	93.0	2.0	47.1	3.5
G00528	G93429/G96838	42	28.2	55.6	33.0	42.0	94.0	1.5	49.2	4.0
G02456	MATTERHORN/G97918	47	28.1	63.0	32.8	42.0	93.0	1.5	52.0	5.0
B95556	B90211/N90616, JAGUAR	37	27.6	44.4	18.9	45.0	96.0	1.0	49.6	4.5
N04814	BUNSI/PI-318695,BC1F6	26	27.5	29.6	19.1	40.0	98.5	1.5	46.3	4.0
N00729	MACKINAC/N94080//N95647	55	26.5	25.9	20.2	46.0	55.0	1.5	52.9	4.0
N04801	HURON/PI-318695,BC2F5	13	26.1	37.0	22.5	40.0	94.5	2.0	45.3	3.5
N04811	BUNSI/PI-318695,BC2F5	23	25.9	37.0	16.5	41.0	101.0	2.5	45.6	3.5
G99727	MATTERHORN/G95101	44	25.7	77.8	30.6	42.0	90.0	1.5	49.6	4.0
N04816	BUNSI/PI-318695,BC2F6	28	23.9	40.7	17.9	41.0	102.5	2.0	47.0	3.0
AVERAGE OF PRECEDING 64 MEANS			32.9	44.2	26.4	41.6	95.1	1.5	49.1	4.6
LSD(P=.05)			5.8	25.3	2.5	0.0	9.4	0.6	2.0	0.8
LSD(P=.01)			7.6	35.5	3.2	0.0	12.2	0.7	2.6	1.1
COEFFICIENT OF VARIATION (%)			10.8	41.3	5.7	0.0	6.1	22.2	2.5	11.4

EXPT.	4223 WHITE MOLD GENETIC YIELD TEST			PLANTING DATE	6/15/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT	HEIGHT	DES. SCORE
8661	TACANA*/PI 313850(L)	27	37.6	25.9	21.8	44.0	96.7	1.1	48.0	5.0
8659	TACANA*/PI 313850(L)	26	37.4	29.6	21.2	45.0	96.2	1.4	48.8	5.0
126-2	TACANA*2/PI 318695(W)	35	37.0	29.6	21.9	44.0	97.1	1.5	49.7	4.9
8574	TACANA*2/PI 318695(W)	9	36.9	40.7	21.2	43.0	97.4	1.4	49.6	5.0
8690	TACANA*/PI 313850(L)	33	36.0	29.6	21.9	44.0	97.2	1.0	50.4	5.5
8683	TACANA*/PI 313850(L)	32	35.7	22.2	22.1	45.0	96.6	1.0	47.4	4.9
8563	TACANA*2/PI 318695(W)	7	35.4	29.6	21.1	44.0	95.5	1.0	47.0	5.0
8666	TACANA*/PI 313850(L)	55	35.4	33.3	20.5	44.0	97.5	1.0	49.7	5.5
8543	TACANA*2/PI 318695(W)	47	35.1	33.3	22.0	45.0	97.8	0.9	49.1	5.0
8629	TACANA*/PI 313850(L)	19	34.8	25.9	22.0	44.0	96.6	1.0	47.5	5.0
8615	TACANA*/PI 313850(L)	52	34.8	29.6	22.4	45.0	95.5	1.0	46.5	5.0
8671	TACANA*/PI 313850(L)	29	34.8	25.9	22.4	44.0	97.6	1.5	48.2	4.5
8522	TACANA*2/PI 318695(W)	44	34.4	29.6	17.2	43.0	96.3	1.0	47.0	5.0
8604	TACANA*/PI 313850(L)	15	33.5	44.4	22.0	45.0	96.6	1.4	49.1	5.0
198402	DOR390,TACANA(MEXICO)	40	33.2	29.6	20.8	45.0	97.2	1.4	48.1	5.1
8670	TACANA*/PI 313850(L)	59	33.2	40.7	21.6	45.0	95.8	1.0	49.6	5.4
101892	G24423/2*TACANA,115-11M,MEX.(BK)	39	33.1	25.9	22.0	47.0	99.5	1.4	51.3	5.5
8580	TACANA*2/PI 318695(W)	11	32.7	22.2	21.8	43.0	95.6	1.0	46.2	4.5
8613	TACANA*/PI 313850(L)	51	32.7	29.6	21.2	44.0	96.7	1.0	47.7	5.0
8503	TACANA*2/PI 318695(W)	48	32.5	40.7	17.9	43.0	99.0	1.4	50.6	5.0
8616	TACANA*/PI 313850(L)	58	32.0	25.9	21.7	45.0	95.7	1.4	47.3	4.5
8692	TACANA*/PI 313850(L)	57	32.0	40.7	21.8	47.0	95.5	1.0	47.1	4.5
8677	TACANA*/PI 313850(L)	60	32.0	29.6	22.9	46.0	98.2	1.0	50.7	5.5
8642	TACANA*/PI 313850(L)	54	31.8	33.3	21.1	46.0	97.7	1.0	49.5	5.0
8535	TACANA*2/PI 318695(W)	5	31.7	33.3	19.7	44.0	95.7	1.5	47.0	3.5

EXPT.	4223 WHITE MOLD GENETIC YIELD TEST			PLANTING DATE	6/15/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING HEIGHT	HEIGHT	DES. SCORE
8611	TACANA*/PI 313850(L)	17	31.6	25.9	21.3	46.0	95.5	1.1	46.3	4.0
8575	TACANA*2/PI 318695(W)	10	31.5	33.3	19.2	44.0	97.5	2.4	47.5	3.5
118-2	TACANA*2/PI 318695(W)	34	31.3	22.2	23.0	45.0	98.6	1.0	49.7	5.0
B90222	N84004/B85009 (B89104 SEL), RAVEN	37	31.3	29.6	19.7	45.0	95.5	0.9	48.6	5.1
I81010	JAPON3/MAGDALENE, BUNSI	38	31.3	22.2	23.5	39.0	98.0	1.4	45.7	5.0
8530	TACANA*2/PI 318695(W)	45	31.3	40.7	18.4	45.0	94.6	1.5	48.5	5.5
8621	TACANA*/PI 313850(L)	18	31.3	22.2	20.5	41.0	98.7	1.6	50.8	5.5
8509	TACANA*2/PI 318695(W)	1	31.0	25.9	17.9	45.0	96.1	1.0	46.3	4.5
8622	TACANA*/PI 313850(L)	53	30.7	25.9	21.7	45.0	96.6	1.0	47.3	4.5
8527	TACANA*2/PI 318695(W)	4	30.7	40.7	19.1	43.0	99.2	1.9	50.0	5.0
8582	TACANA*2/PI 318695(W)	63	30.5	40.7	18.6	43.0	96.3	2.0	47.0	4.0
8529	TACANA*2/PI 318695(W)	41	30.4	22.2	19.5	46.0	96.9	1.0	46.5	4.0
8596	TACANA*2/PI 318695(W)	12	30.1	25.9	21.0	43.0	96.4	1.0	47.3	4.5
8556	TACANA*2/PI 318695(W)	46	30.1	22.2	17.6	48.0	100.7	1.4	51.5	5.5
8564	TACANA*2/PI 318695(W)	42	30.0	29.6	19.8	44.0	97.5	1.0	47.3	4.6
8672	TACANA*/PI 313850(L)	30	30.0	37.0	22.2	45.0	96.4	1.0	47.4	4.0
8523	TACANA*2/PI 318695(W)	3	29.9	22.2	20.5	43.0	97.8	1.0	46.2	4.1
8608	TACANA*/PI 313850(L)	16	29.4	22.2	20.1	46.0	94.8	1.0	46.6	2.5
8558	TACANA*2/PI 318695(W)	49	29.4	33.3	17.9	47.0	98.9	1.0	48.3	4.0
8638	TACANA*/PI 313850(L)	23	29.4	33.3	20.3	45.0	95.9	1.0	47.7	4.4
8515	TACANA*2/PI 318695(W)	2	29.4	29.6	21.2	43.0	97.1	1.0	47.7	4.5
8653	TACANA*/PI 313850(L)	24	29.3	25.9	21.2	48.0	96.8	1.0	48.9	4.0
8540	TACANA*2/PI 318695(W)	6	29.2	29.6	18.5	44.0	94.6	2.0	46.0	3.0
8685	TACANA*/PI 313850(L)	56	29.1	33.3	21.9	45.0	96.0	1.0	47.4	4.0
8544	TACANA*2/PI 318695(W)	62	28.9	25.9	15.1	41.0	95.7	1.0	46.8	4.9

EXPT.	4223 WHITE MOLD GENETIC YIELD TEST				PLANTING DATE	6/15/2004					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	WHITE MOLD (%)	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
139-1	TACANA*2/PI 318695(W)	36	28.7	40.7	20.9	41.0	96.5	1.4	47.5	4.5	
8545	TACANA*2/PI 318695(W)	64	27.9	33.3	18.1	45.0	94.4	1.1	45.7	4.5	
8573	TACANA*2/PI 318695(W)	50	27.6	25.9	19.0	46.0	99.1	2.0	49.0	3.6	
8599	TACANA*2/PI 318695(W)	13	27.6	25.9	17.2	46.0	97.1	1.5	47.4	3.0	
8679	TACANA*/PI 313850(L)	31	26.9	22.2	26.2	45.0	95.4	1.0	46.1	4.0	
8557	TACANA*2/PI 318695(W)	61	26.1	33.3	18.1	44.0	97.1	1.0	48.1	5.0	
8601	TACANA*/PI 313850(L)	14	25.7	40.7	22.5	43.0	94.6	1.0	44.6	3.4	
8636	TACANA*/PI 313850(L)	22	25.4	33.3	24.6	43.0	95.1	1.0	46.4	4.4	
8571	TACANA*2/PI 318695(W)	8	25.3	29.6	17.9	45.0	97.7	1.0	47.5	4.6	
8668	TACANA*/PI 313850(L)	28	25.0	25.9	22.8	42.0	94.0	1.0	45.2	4.4	
8633	TACANA*/PI 313850(L)	20	24.9	22.2	22.0	44.0	94.9	1.0	46.4	4.5	
8655	TACANA*/PI 313850(L)	25	24.9	22.2	25.9	41.0	95.4	1.0	44.5	4.0	
8561	TACANA*2/PI 318695(W)	43	24.9	25.9	15.8	48.0	101.3	1.5	47.3	4.0	
8635	TACANA*/PI 313850(L)	21	20.5	29.6	26.3	43.0	95.1	1.0	43.9	3.4	
AVERAGE OF PRECEDING 64 MEANS			30.9	29.9	20.8	44.4	96.7	1.2	47.8	4.5	
LSD(P=.05)			5.0	19.6	1.4	0.0	1.5	0.3	2.2	0.7	
LSD(P=.01)			6.4	25.9	1.8	0.0	1.9	0.5	2.8	0.9	
COEFFICIENT OF VARIATION (%)			9.8	38.5	4.1	0.0	0.9	17.5	2.8	9.1	

EXPT.	4224-4225 CRANBERRY DROUGHT TEST			PLANTING	DATE	6/15/2004				
ENTRY	PEDIGREE, NAME	NO.	YIELD GM	YIELD DROUGHT	YIELD NOSTRESS	SEED MEAN	SIZE (G/ DROUGHT	100SEED NOSTRESS	DAYS TO FLOWER	
C03121	C97407*2/NEGRO SAN LUIS-26b	8	27.4	25.4	29.6	66.6	65.8	67.3	39.0	
C03108	C97407*2/NEGRO SAN LUIS-09b	4	27.2	23.5	31.5	53.6	49.6	57.5	37.0	
B04647	B98311/TLP-19, L88-63	1	27.2	25.0	29.6	21.6	22.5	20.7	47.0	
C03151	C97407*2/NEGRO SAN LUIS-61v	19	26.8	22.8	31.4	57.2	56.4	57.9	41.5	
C03122	C97407*2/NEGRO SAN LUIS-27b	9	26.6	22.6	31.3	58.2	57.7	58.7	38.5	
C03110	C97407*2/NEGRO SAN LUIS-11b	5	26.3	22.6	30.6	63.9	60.7	67.0	37.5	
C03104	C97407*2/NEGRO SAN LUIS-05b	3	26.0	23.2	29.2	54.8	52.8	56.8	37.5	
C03102	C97407*2/NEGRO SAN LUIS-03b	2	25.9	23.3	28.8	59.2	54.4	64.0	37.0	
C03129	C97407*2/NEGRO SAN LUIS-34b	13	25.4	21.2	30.4	55.4	52.7	58.0	38.5	
C03147	C97407*2/NEGRO SAN LUIS-57v	16	24.6	19.6	30.8	57.1	55.9	58.2	40.5	
B98311	X98102/RAVEN	28	24.4	20.9	28.6	24.2	23.0	25.4	45.5	
C03163	C97407*2/NEGRO SAN LUIS-75b	25	24.1	21.0	27.7	59.8	56.5	63.1	38.5	
C03157	C97407*2/NEGRO SAN LUIS-67v	23	23.7	21.3	26.3	61.9	60.6	63.1	43.5	
C81008	T HORT	27	23.6	22.9	24.4	60.5	55.4	65.6	37.5	
C03131	C97407*2/NEGRO SAN LUIS-36b	14	23.4	20.3	27.0	53.4	49.3	57.4	38.0	
C03119	C97407*2/NEGRO SAN LUIS-24v	7	23.2	21.2	25.3	60.3	63.1	57.5	41.5	
C03143	C97407*2/NEGRO SAN LUIS-53b	15	23.0	20.9	25.4	51.5	50.2	52.7	38.0	
C03155	C97407*2/NEGRO SAN LUIS-65b	21	22.9	21.5	24.4	56.9	55.6	58.1	39.5	
C03161	C97407*2/NEGRO SAN LUIS-71v	29	22.8	21.1	24.7	44.5	43.6	45.3	40.0	
C97407	C92167/THORT	26	22.3	19.9	25.0	55.8	52.5	59.0	39.0	
C03156	C97407*/NEGRO SAN LUIS-66v	22	22.2	18.6	26.5	52.4	50.6	54.1	43.5	
C03125	C97407*2/NEGRO SAN LUIS-30b	11	21.9	17.3	27.6	47.1	45.3	48.9	38.5	
C03127	C97407*2/NEGRO SAN LUIS-32b	12	21.5	18.6	24.9	49.9	46.7	53.1	37.5	
C03160	C97407*2/NEGRO SAN LUIS-70v	24	21.5	16.6	27.8	52.4	50.8	53.9	38.5	
C03148	C97407*2/NEGRO SAN LUIS-58v	17	20.8	16.2	26.8	53.9	52.0	55.8	38.0	
C03150	C97407*2/NEGRO SAN LUIS-60v	18	20.3	15.5	26.7	55.5	54.0	56.9	42.0	
C03123	C97407*2/NEGRO SAN LUIS-28b	10	20.2	17.1	23.9	68.1	65.0	71.2	39.5	
C03154	C97407*2/NEGRO SAN LUIS-64b	20	19.5	15.0	25.3	47.2	43.1	51.2	39.0	
C03149	C97407*2/NEGRO SAN LUIS-59v	30	18.3	12.9	26.0	45.6	42.9	48.2	43.0	
C03117	C97407*2/NEGRO SAN LUIS-18b	6	17.0	13.5	21.5	49.1	45.4	52.7	39.0	
AVERAGE OF PRECEDING 30 MEANS			23.3	20.0	27.3	53.2	51.1	55.3	39.8	
LSD(P=.05)				6.2	6.2		5.2	4.2	0.0	
LSD(P=.01)				8.0	8.0		6.8	5.5	0.0	
COEFFICIENT OF VARIATION (%)				18.9	13.9		6.3	4.7	0.0	

EXPT.	4726 REGIONAL DRY BEAN YIELD TEST	PRESQUE	ISLE	PLANTING	DATE	6/10/2004
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	PERCENT SITE MEAN	LBS/ACRE PER DAY	SEED WT.
N97774	BUNSI/HURON, SEAHAWK	1	22.8	126.3	24.5	23.4
P02647	G99750/P97803	7	20.8	115.5	22.4	37.8
G93414	MATTERHORN	10	20.8	115.4	22.4	33.4
R98026	R94037/R94161, MERLOT	12	20.7	114.7	22.2	31.9
S00809	R94142/X94076	11	19.4	107.5	20.8	34.6
P02630	P99120/MATTERHORN	8	19.3	107.1	20.8	37.0
P02646	G99750/P97803	6	19.1	105.8	20.5	34.2
B95556	B90211/N90616, JAGUAR	3	18.7	103.5	20.1	20.0
B03625	B98306/X00821	5	18.1	100.5	19.5	22.4
G02454	G99750/P97803	9	16.8	92.9	18.0	32.2
B01741	TACANA/JAGUAR	4	16.7	92.4	17.9	23.1
B00101	PHANTOM/BLACKJACK, CONDOR	2	16.3	90.5	17.5	21.9
K03601	CHINOOK SELECT	14	14.9	82.6	16.0	59.5
K90101	CHAR/2*MONT, RED HAWK	15	14.9	82.5	16.0	59.8
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	16	14.8	82.1	15.9	57.9
K01234	MUTANT OUT OF REDHAWK, REDCOAT	13	14.6	80.7	15.6	61.7
AVERAGE OF PRECEDING 16 MEANS			18.0	100.0	19.4	36.9
LSD(P=.05)			3.5	19.6	3.8	1.9
LSD(P=.01)			4.6	25.5	4.9	2.5
COEFFICIENT OF VARIATION (%)			13.9	13.9	13.9	3.6