

EXPT.	3101 STANDARD NAVY YIELD TEST	PLANTING		DATE	6/2/2003				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N02237	N97774/JAGUAR	45	35.8	18.7	49	97.9	2.0	48.0	5.0
I91112	SCHOONER ,NOVARTIS	64	35.5	17.0	50	94.9	3.0	43.8	3.5
N02231	B98304/N99244	40	34.8	17.4	53	97.2	2.0	51.1	5.0
N02251	JAGUAR/N97774	52	34.3	18.4	55	99.0	1.5	49.7	6.0
N00726	HURON/N94080//I92919	10	33.9	17.0	54	98.1	2.0	47.9	5.0
N00833	N94080//BLACKMAGIC/SEL1308	25	33.8	18.6	51	95.1	2.0	47.5	5.0
N00727	HURON/N94080//I92919	11	33.6	17.6	51	100.0	2.0	49.5	4.5
I02538	SCEPTER ,GENTEC,NAVY	70	33.5	21.7	49	98.3	3.0	43.1	4.0
N02235	N97774/N99244	43	33.3	21.2	49	100.0	2.5	46.5	4.0
N02236	N99271/B98304	44	33.1	17.1	48	96.1	1.0	51.2	7.0
N02243	N98117/BATT477//HURON	49	32.9	18.4	49	96.0	2.0	48.8	5.0
I01724	FRIGATE (NAVY)	69	32.8	17.8	49	99.4	2.0	50.6	4.0
N00762	VISTA/MACKINAC//N94080	17	32.6	16.7	51	100.3	2.0	54.5	5.0
N97774	SEAHAWK ,BUNSI/HURON	59	32.6	19.6	46	97.9	2.0	46.5	4.0
N01453	B98301/N97772	32	32.4	17.2	50	98.9	2.5	46.0	4.0
N00809	C-20//VISTA/MACKINAC	22	32.4	17.0	55	100.6	2.0	54.1	6.0
N98104	MACKINAC/X95403	60	32.3	18.3	52	99.6	1.5	49.4	5.5
I01723	CPC 00125(NAVY)	68	32.2	27.2	49	95.4	3.0	44.1	3.5
N01454	B98301/N97772	33	31.8	16.4	53	100.1	3.0	46.5	4.5
N00830	HURON/N94080//VISTA	24	31.8	17.6	50	98.0	3.0	45.2	4.5
I02521	ND012002(NAVY)	63	31.7	17.6	50	99.9	2.0	50.8	5.0
N01448	N98123//92BG-7/CRESTWOOD	31	31.6	17.9	52	99.0	1.5	49.1	5.0
N01471	B98301//92BG-7/CRESTWOOD	37	31.5	17.1	54	98.8	1.5	53.5	5.5
N00712	ND-88-106-04/N94080	4	31.5	17.0	52	98.8	2.0	50.0	5.0
I02516	ND9902101-3(NAVY)	62	31.4	17.5	49	95.9	3.0	43.2	3.5

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ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N01441	B98303/N98123	30	31.0	16.5	55	97.3	1.0	51.3	5.5
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	65	30.8	16.4	54	98.2	2.0	48.9	5.5
N01509	ARTHUR//CRESTWOOD/COTAXTLA-91	38	30.6	17.4	56	101.0	2.0	49.9	4.0
N01460	B98301/MACKINAC	35	30.5	18.6	51	100.2	2.0	55.0	5.0
N01524	COTAXTLA-91/N98123	39	30.3	17.2	54	100.5	2.0	51.1	4.5
N00728	MACKINAC/N94080//VISTA/ND-88-106-04	12	30.2	18.8	52	100.9	2.5	48.6	4.5
N00710	ND-88-106-04/N94080	2	30.2	17.0	49	98.4	2.0	47.9	5.0
N00760	VISTA/MACKINAC//I92919	16	30.1	18.0	52	100.3	2.0	54.3	5.0
N00767	VISTA/MACKINAC//ARTHUR	18	30.0	16.0	54	100.5	1.0	56.0	5.5
N02232	PHANTOM//JAGUAR/TLP-20	41	30.0	18.9	47	97.7	1.0	51.9	6.0
N00838	MACKINAC/VISTA	26	29.9	17.7	55	101.1	2.0	54.9	5.0
N02302	BUNSI/RAVEN,105-88	53	29.9	17.9	48	100.0	2.0	53.5	6.0
N00870	N96942/MACKINAC	28	29.8	17.7	53	98.3	2.0	50.5	5.0
N00713	ND-88-106-04/MACKINAC	5	29.7	18.2	54	102.3	3.0	46.0	3.5
N98119	N94080/X95406	61	29.7	18.0	50	99.5	2.0	49.1	5.0
N00723	B96617/HURON	9	29.7	16.4	55	100.0	3.0	50.6	4.5
N02242	MACKINAC//89-151-46-02/N98121	48	29.6	17.2	49	97.6	2.0	48.7	4.0
N00788	ND-88-106-04/MACKINAC//ARTHUR	19	29.6	17.5	49	100.2	1.0	51.3	5.5
N02241	89-151-46-02/N98121//HURON	47	29.5	16.8	49	96.2	1.5	49.4	4.0
N00844	MACKINAC/VISTA	27	29.5	19.1	55	99.5	1.0	58.4	6.0
N00711	ND-88-106-04/N94080	3	29.4	16.5	52	98.3	2.0	36.8	5.0
N93296	N90435/AVANTI, MACKINAC	58	29.3	18.3	53	99.0	1.5	52.1	5.0
N00706	MACKINAC/N94080	1	29.2	17.3	52	97.8	2.5	46.9	5.0
N02244	N98117/BAT 477//HURON	50	29.1	19.4	47	97.3	2.0	47.3	5.0
N00811	C-20//VISTA/MACKINAC	23	29.1	17.0	55	101.0	2.0	50.6	4.5

EXPT.	3101 STANDARD NAVY YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
N01435	JAGUAR/N98123	29	29.1	17.8	56	98.5	3.0	46.1	4.5
I03009	GTS544,NAVY	72	29.1	18.5	55	102.5	3.0	47.7	4.0
N01458	B98301/N98117	34	29.1	16.9	55	98.1	1.0	51.1	6.0
N00719	VISTA/MACKINAC	8	28.8	16.1	54	99.6	2.0	49.2	4.5
N00716	MACKINAC/N94080	7	28.7	19.4	49	99.1	1.5	49.4	4.5
N00714	ND-88-106-04/MACKINAC	6	28.2	17.6	54	98.9	3.0	44.0	5.0
N02304	BUNSI/RAVEN,105-42	55	28.2	15.6	54	100.7	2.0	49.3	4.0
N00756	VISTA/MACKINAC//ND-88-106-04/N94080	15	28.0	17.5	53	100.0	3.0	46.4	4.0
N02240	N97774/N99271	46	28.0	16.3	50	96.1	3.0	44.8	4.0
N02303	BUNSI/RAVEN,105-73	54	27.7	16.0	54	103.7	3.0	45.9	3.0
N00794	VISTA/ND-88-106-04//N94080	21	27.7	17.2	54	100.4	2.0	51.8	5.0
N02233	PHANTOM/HR67	42	27.6	16.5	51	98.8	1.5	51.8	5.0
I03351	COMET ,ISB,NAVY	67	27.6	24.1	50	98.4	2.0	47.9	4.0
N01466	B97777/CRESTWOOD	36	27.5	15.5	55	101.0	1.5	55.6	5.5
N00729	MACKINAC/N94080//N95647	13	27.3	18.5	55	100.0	1.5	55.4	6.0
N91401	61627/2W33-2//C-20, 1990 MAYFLOWER	57	27.3	17.9	50	99.8	1.0	52.2	5.0
N00801	FLEETWOOD/MACKINAC//HURON/MACKINAC	71	27.3	18.7	48	101.7	2.0	51.8	4.5
N02248	MACKINAC/HR45	51	26.8	18.8	54	97.5	2.0	51.5	4.5
N00749	FLEETWOOD/N94080/VISTA	14	26.4	16.6	55	101.6	2.5	50.9	4.0
N02305	BUNSI/RAVEN,105-25	56	25.5	20.3	51	102.5	2.0	53.8	4.0
N00792	VISTA/ND-88-106-04//HURON	20	25.1	19.9	55	99.5	3.0	46.8	4.0
I01721	ROG 331(NAVY)	66	24.4	15.2	53	95.3	3.0	43.4	3.0
AVERAGE OF PRECEDING 72 MEANS			30.2	17.9	51.9	99.1	2.1	49.4	4.7
LSD(P=.05)			3.4	1.4	0	0.9	0.3	2.3	0.4
LSD(P=.01)			4.4	1.8	0	1.2	0.3	2.9	0.6
COEFFICIENT OF VARIATION			7.9	5.4	0	0.7	8.8	3.2	6.4

EXPT.	3102 STANDARD BLACK YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B01741	TACANA/JAGUAR	11	33.4	18.0	54.0	99.5	1.5	53.3	5.5
B01793	N98123/VAX-5	32	32.6	18.5	56.0	99.5	2.0	54.9	5.9
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	59	31.7	18.6	55.0	101.0	2.0	48.9	4.0
B01792	N98123/VAX-5	31	31.6	20.1	55.0	98.9	1.0	54.3	6.1
I02523	ND9902986-2(BK)	60	31.4	18.8	54.0	98.2	2.0	49.5	5.5
B02544	PHANTOM*/TLP-20	40	31.1	18.1	51.0	98.4	2.0	49.1	4.0
B01453	NEGRO INIFAP/NG8025,00T-1433	8	31.0	18.2	54.0	98.5	3.5	41.1	3.9
B01757	TACANA/T-39/MACANUDO	14	30.5	18.4	52.0	98.9	1.0	57.4	7.0
B01780	N98123/B98303	22	30.5	15.6	52.0	97.5	1.0	52.4	5.0
B01763	92BG-7//SEL1360/LASER	15	30.5	19.7	55.0	97.1	2.0	50.6	4.5
B00136	JAGUAR//BLACKMAGIC/SEL1308	33	30.3	16.6	53.0	98.5	1.5	53.0	5.1
B02553	B97777/TLP-20//B96617	45	30.0	17.9	55.0	100.0	2.0	55.3	5.1
B01772	B98311/B97777	19	29.8	16.3	53.0	98.5	1.5	53.5	5.0
B02542	PHANTOM*/TLP-20	38	29.7	21.7	56.0	100.9	2.0	53.4	5.5
B01781	N98123/B98303	23	29.5	15.7	52.0	96.9	1.0	50.4	4.1
B00101	PHANTOM/BLACKJACK, CONDOR	1	29.5	15.6	52.0	98.1	2.0	52.3	6.5
I02707	G24423/2*TACANA,43-11M,MEX.(BK)	62	29.4	18.6	56.0	100.5	2.5	53.0	4.0
B02546	PHANTOM//JAGUAR/TLP-20	41	29.4	15.2	53.0	99.5	1.5	54.4	6.0
B01769	JAGUAR//SEAFARER/92BG-7	16	29.0	17.9	55.0	98.5	2.0	51.1	4.6
B00102	PHANTOM/BLACKJACK	2	28.8	15.3	54.0	95.9	1.5	47.4	5.5
I98308	SHINYCROW (BK)COLORADO ST.UNIV	66	28.8	20.5	48.0	95.6	3.0	44.9	3.4
I81048	BULK-70001+2+3+4, MIDNIGHT	63	28.8	18.3	56.0	100.4	2.0	50.9	4.0
B01784	N98123/B98303	26	28.6	20.5	52.0	99.2	2.0	54.2	5.0
B02549	B98311/TLP-20//JAGUAR	42	28.3	19.4	54.0	99.4	1.0	54.4	6.1
B01783	N98123/B98303	25	28.2	16.8	51.0	97.1	1.0	51.2	4.6

EXPT.	3102 STANDARD BLACK YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B02543	PHANTOM*/TLP-20	39	28.1	22.2	54.0	99.4	2.0	53.0	4.5
B01790	N98122//CRESTWOOD/COTAXTLA-91	29	28.0	16.7	56.0	98.0	1.5	54.5	5.0
B00103	PHANTOM/BLACKJACK	3	28.0	14.9	54.0	98.6	2.0	52.2	5.0
B02598	B98311/TLP-19,88-66	54	28.0	19.3	52.0	97.5	2.5	46.9	3.5
B02541	PHANTOM*/TLP-20	37	28.0	17.6	54.0	97.7	1.5	52.4	6.1
B00134	JAGUAR//RAVEN/CATRACHITA	5	27.9	20.5	53.0	98.9	2.0	51.5	5.5
B02562	B98311/JAGUAR	49	27.9	20.3	55.0	97.6	2.0	51.5	4.9
B02576	B98311/PHANTOM	51	27.8	17.7	51.0	97.7	2.0	50.0	4.4
B01770	JAGUAR//SEAFARER/92BG-7	17	27.7	16.1	55.0	96.3	1.0	49.9	5.0
B00135	JAGUAR//BLACKMAGIC/SEL1308	6	27.7	14.9	54.0	98.1	1.5	53.0	5.6
B01451	NEGRO INIFAP/NG8025,00T-1403	7	27.7	18.7	55.0	101.2	3.5	45.5	4.0
B01771	JAGUAR//SEAFARER/92BG-7	18	27.5	15.4	55.0	95.5	1.0	47.5	5.6
B02550	BLACKJACK/TLP-19//B96617	43	27.4	18.2	53.0	98.6	1.0	51.5	4.0
B95204	RAVEN/N90618, PHANTOM	55	27.4	16.6	52.0	98.5	1.5	54.6	4.0
B01779	B98301//92BG-7/CRESTWOOD	21	27.3	18.0	53.0	99.5	3.0	48.0	4.0
B02570	B98301/CO 45693	50	27.2	17.7	48.0	97.0	1.0	48.6	4.5
B01746	PHANTOM/N98123	12	27.2	15.9	55.0	97.1	1.0	47.0	4.5
B95556	B90211/N90616, JAGUAR	56	27.1	15.8	55.0	98.0	1.0	50.9	5.6
B01791	N98122//CRESTWOOD/COTAXTLA-91	30	27.1	17.2	54.0	100.6	2.0	54.8	4.5
B01774	JAGUAR//SEAFARER/92BG-7	20	26.9	16.6	55.0	98.7	1.0	50.7	5.5
B02559	B98311//B98301/TLP-19	47	26.9	16.5	54.0	101.1	3.0	48.1	4.0
B01787	COTAXTLA-91/B95203//N98123	27	26.5	16.6	56.0	96.7	1.0	51.1	4.5
B01457	NEGRO INIFAP/NG8025,00T-1458	67	26.4	19.9	56.0	102.5	3.5	46.1	3.5
I03353	UC BTS96114,BK	71	26.0	16.0	55.0	99.5	2.5	51.1	3.9
B83302	BLACKHAWK	68	26.0	19.6	56.0	101.2	2.0	53.0	5.0

EXPT.	3102 STANDARD BLACK YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
B01455	NEGRO INIFAP/NG8025,00T-1446	9	26.0	19.5	56.0	100.5	3.0	46.9	3.0
B01754	TACANA/T-39/N98123	13	25.9	14.8	56.0	101.0	2.0	51.6	4.0
B00125	B94064/X94089	4	25.9	16.3	51.0	96.8	1.5	48.6	4.5
I93115	(B), BLACK JACK	72	25.8	17.6	54.0	98.6	3.5	44.6	4.0
B02590	BUNSI/RAVEN,105-63	52	25.8	18.0	54.0	100.6	2.0	52.0	4.0
B02556	JAGUAR/TACANA//XAMAGO#2/BLJACK	46	25.5	17.2	55.0	98.0	2.5	49.2	3.9
B02596	B98311/TLP-19,88-63	53	25.5	18.5	55.0	98.6	3.0	48.8	4.0
I99192	ONYX (BK)NOVARTIS	65	25.4	16.9	53.0	100.1	2.0	49.5	4.0
I00759	TC125151 108-2 X0-44-91,BK(CIAT)	57	25.4	15.5	54.0	97.0	1.0	50.9	5.5
B02532	X98209/B98301//B96617	34	25.1	17.8	55.0	98.2	2.5	50.5	4.0
I81066	SEL-BTS, T39	64	25.0	16.7	54.0	98.6	3.0	44.1	3.5
I01810	SX12010-183,X0-44-85(BK)CIAT	58	24.8	14.9	56.0	96.0	1.0	47.5	3.6
B02534	PHANTOM/TLP-22//B98311	36	24.7	16.9	55.0	97.0	2.5	47.1	3.6
B01789	N98122//CRESTWOOD/COTAXTLA-91	28	24.5	15.9	53.0	98.4	1.5	51.9	5.0
B02551	BLACKJACK/TLP-20//PHANTOM	44	24.5	14.6	55.0	98.4	2.0	49.4	3.9
I94203	UI 911 (BK)	69	24.3	17.6	49.0	97.7	2.5	46.3	4.0
I02525	ND9904184(BK)	61	24.3	16.1	55.0	99.5	2.0	52.1	4.6
B01458	NEGRO INIFAP/NG8025,00T-1465	10	24.0	18.5	56.0	101.1	3.5	45.1	3.0
I03352	ISB BTR-26,BK	70	22.6	17.8	56.0	100.9	3.0	47.4	3.4
B02561	B98311/JAGUAR	48	22.6	16.5	52.0	96.4	1.5	50.4	3.9
B01782	N98123/B98303	24	22.4	15.5	53.0	97.1	1.0	51.9	4.0
B02533	PHANTOM/TLP-22//B98311	35	22.3	18.6	56.0	100.7	3.0	48.0	3.9
AVERAGE OF PRECEDING 72 MEANS			27.5	17.5	53.9	98.7	1.9	50.4	4.6
LSD(P=.05)			3.3	1.7	0.0	0.9	0.3	1.3	0.4
LSD(P=.01)			4.3	2.2	0.0	1.2	0.4	1.7	0.6
COEFFICIENT OF VARIATION			8.5	6.8	0.0	0.6	11.9	1.8	6.6

EXPT.	3103 PRELIM NAVY& BLACK TEST		PLANTING	DATE	6/2/2003							
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGE	HEIGHT	COMMON			
									DES. SCORE	BLIGHT LEAF	POD	MARKER SU91
B03625	B98306/X00821	15	33.5	18.0	49.0	97.0	0.9	49.6	4.6	5.5	1.0	+
B03623	B98306/X00821	13	33.0	18.3	49.0	97.5	1.0	49.0	5.5	7.0	1.0	-
B03637	PHANTOM/X00822	27	32.6	19.1	49.0	99.0	2.0	48.4	5.0	4.0	0.5	+
B03643	B00136/X00821	33	32.2	17.3	53.0	99.5	2.0	51.0	5.0	4.0	0.5	+
B03621	B98306/X00821	11	31.8	19.6	47.0	97.0	1.0	46.5	4.0	5.5	1.0	ND
B03639	PHANTOM/X00822	29	31.3	19.9	52.0	100.0	1.9	49.0	5.0	4.0	0.0	+
B03622	B98306/X00821	12	31.2	22.5	50.0	100.0	1.0	50.6	4.5	4.5	0.5	+
I03363	ND012103,NAVY	53	30.3	17.7	51.0	98.0	2.0	49.1	4.5	6.0	1.5	-
B98306	CRESTWOOD/X95409(SEL1360)	46	30.2	17.4	50.0	99.0	2.1	48.0	3.9	5.0	1.0	-
B03627	B98306/X00821	17	29.8	20.1	49.0	97.5	1.9	47.5	4.5	7.5	1.5	-
B03641	B00136/X00821	31	29.4	16.8	54.0	101.5	1.5	53.0	4.5	7.0	1.5	-
B00101	PHANTOM/BL.JACK, CONDOR	44	29.0	15.9	54.0	99.0	2.0	52.6	5.0	7.0	1.0	-
B03635	PHANTOM/X00821	25	28.9	18.9	53.0	99.0	1.5	49.6	5.0	5.5	1.0	-
N02250	HR52/MACKINAC	41	28.8	21.2	54.0	98.5	1.9	53.4	5.9	4.5	1.0	-
B03634	PHANTOM/X00821	24	28.6	19.6	54.0	100.0	1.1	55.4	6.0	5.0	0.5	+
I03369	ND021518,BK	59	28.6	17.9	54.0	98.0	2.0	49.5	4.0	6.0	1.0	-
N03614	N99219/X00821	4	28.4	15.1	52.0	98.0	1.5	49.9	6.1	3.0	0.0	-
B03642	B00136/X00821	32	28.3	17.4	54.0	98.4	1.0	49.1	5.0	5.0	0.5	+
N03618	N99219/X00821	8	28.3	16.0	54.0	98.5	1.5	52.1	5.9	5.0	1.5	-
B03647	B00136/X00821	37	28.3	17.9	54.0	98.0	1.0	51.6	5.5	4.5	0.5	-
B03626	B98306/X00821	16	28.1	16.3	51.0	100.0	2.0	50.8	4.0	7.0	1.0	ND
I03390	ND9902621-2	71	28.0	17.4	53.0	98.5	1.5	50.7	4.1	6.5	1.0	-
I01892	G24423/2*TACANA,115-11M	48	28.0	17.5	52.0	101.0	2.5	51.1	4.0	6.0	1.0	-
N00838	MACKINAC/VISTA	68	28.0	17.5	55.0	101.0	2.1	52.9	5.1	6.5	1.0	-
B03636	PHANTOM/X00822	26	27.8	18.3	54.0	100.5	2.0	54.5	5.0	7.0	0.5	-

EXPT.	3103 PRELIM NAVY& BLACK TEST	PLANTING	DATE	6/2/2003								
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO LODGE MATURITY	HEIGHT	DES. SCORE	COMMON		MARKER SU91	
									BLIGHT LEAF	POD		
B03631	PHANTOM/X00821	21	27.6	21.9	47.0	99.5	1.0	55.0	4.5	6.0	1.0	+
I92002	C-20*6/CN49-242,VISTA	49	27.5	16.5	54.0	100.5	2.4	48.0	4.5	7.0	1.0	-
B03613	N99219/X00821	3	27.5	20.0	51.0	98.5	0.9	51.1	5.0	6.5	1.0	-
B03640	PHANTOM/X00822	30	27.4	17.4	51.0	99.0	1.0	50.6	5.1	6.5	0.5	ND
I02521	ND012002(NAVY)	52	27.3	16.6	51.0	100.0	2.4	51.0	4.0	7.0	1.0	-
N00756	VISTA/MAC//ND-88-106-04/N940	64	27.3	16.3	54.0	100.5	3.0	48.0	3.6	7.0	1.0	-
B00136	JAGUAR//BLACKMAGIC/SEL130	47	27.2	17.1	54.0	98.0	1.5	49.5	4.5	6.5	1.0	-
I03368	ND021717,BK	58	27.2	16.7	54.0	98.0	3.0	45.0	3.4	6.0	1.0	-
N02249	MACKINAC/HR45	38	27.2	18.5	49.0	99.5	2.1	47.7	4.1	6.0	1.0	ND
B03632	PHANTOM/X00821	22	27.1	19.6	54.0	99.5	2.0	51.4	4.5	3.5	0.0	+
I03364	ND021025,NAVY	54	26.9	17.6	52.0	98.5	1.9	50.4	5.0	7.5	1.0	-
N00794	VISTA/ND-88-106-04//N94080	70	26.8	16.1	54.0	102.0	2.0	50.4	4.0	7.5	1.0	-
B03624	B98306/X00821	14	26.6	17.0	52.0	100.5	1.5	55.6	4.6	6.5	1.0	ND
I03366	ND020947,NAVY	56	26.6	16.5	51.0	97.0	2.0	50.5	4.0	6.5	1.0	-
B95556	B90211/N90616, JAGUAR	43	26.6	16.3	53.0	98.0	1.0	48.5	4.0	7.0	1.0	-
N99219	VISTA/N95653	45	26.5	14.5	51.0	99.0	1.5	51.1	5.0	6.0	1.0	-
B03633	PHANTOM/X00821	23	26.4	19.1	54.0	100.0	2.0	51.3	4.0	3.5	0.5	+
N02247	MACKINAC/HR52	40	26.2	18.3	49.0	98.5	1.0	49.0	6.0	5.0	1.0	ND
B03620	B98306/X00821	10	26.1	19.1	49.0	97.0	1.1	48.5	4.5	7.0	1.0	-
B03630	PHANTOM/X00821	20	26.0	20.4	49.0	101.0	2.0	53.4	4.4	5.0	1.0	+
N00792	VISTA/ND-88-106-04//HURON	67	26.0	20.1	54.0	101.5	3.1	47.5	3.9	6.5	1.0	-
N00729	MACKINAC/N94080//N95647	66	25.8	17.8	55.0	101.0	1.9	54.2	5.0	6.0	1.0	-
N97774	SEAHAWK,BUNSI/HURON	69	25.8	18.6	47.0	98.5	2.9	44.5	3.5	8.0	1.0	-
N00760	VISTA/MACKINAC//I92919	65	25.8	18.0	55.0	100.5	1.9	52.0	4.5	7.5	1.0	-
N03616	N99219/X00821	6	25.6	16.1	51.0	99.0	1.0	54.5	4.5	7.5	1.5	-

EXPT.	3103 PRELIM NAVY& BLACK TEST	PLANTING	DATE	6/2/2003									
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO LODGE MATURITY	HEIGHT	DES. SCORE	COMMON			MARKER SU91	
									BLIGHT LEAF	POD			
I03365	ND021072,NAVY	55	25.4	17.0	54.0	98.0	1.0	50.7	5.4	6.0	1.5	-	
N02234	PHANTOM/HR52	39	25.4	15.5	53.0	102.0	2.1	50.4	3.9	4.0	1.0	ND	
N03617	N99219/X00821	7	25.2	17.1	53.0	98.5	1.5	52.1	6.0	3.5	0.0	+	
N03611	N99219/X00821	1	25.1	14.8	54.0	98.0	1.5	49.0	4.5	5.0	0.5	+	
B03615	N99219/X00821	5	25.1	15.2	53.0	98.5	0.9	51.2	4.6	7.5	1.0	ND	
B03629	PHANTOM/X00821	19	25.0	20.1	49.0	97.0	1.5	50.3	4.4	7.5	1.0	-	
B03612	N99219/X00821	2	24.9	18.7	51.0	97.5	1.0	49.6	5.0	6.5	1.5	ND	
B03619	N99219/X00821	9	24.9	18.1	53.0	99.5	1.0	51.7	5.0	7.0	1.5	ND	
B03645	B00136/X00821	35	24.6	16.3	54.0	98.5	0.9	52.3	5.5	7.5	1.0	-	
I03362	ND012146,NAVY	51	24.4	18.2	54.0	103.0	2.0	54.5	4.0	5.0	1.0	-	
B03638	PHANTOM/X00822	28	24.2	18.9	51.0	100.0	2.0	52.1	4.6	7.0	1.0	-	
I01794	ND9904184(BK)	72	24.1	15.3	53.0	98.0	1.5	49.1	4.1	7.5	1.0	-	
B03646	B00136/X00821	36	23.6	16.7	54.0	100.0	1.0	53.6	4.0	6.0	1.5	ND	
B03628	PHANTOM/X00821	18	23.3	21.3	49.0	97.5	1.6	48.5	3.5	8.0	1.5	+	
I03361	ND013098,NAVY	50	23.2	16.0	51.0	99.5	2.9	48.1	4.1	6.5	1.5	-	
I03371	ND021574,BK	61	23.1	20.4	54.0	99.5	2.0	48.0	4.0	5.5	0.5	-	
B03644	B00136/X00821	34	23.0	20.2	54.0	99.0	1.5	48.0	4.1	6.0	1.0	-	
I03370	ND021633,BK	60	22.7	15.0	54.0	97.0	1.0	46.5	4.0	6.5	1.0	-	
I03367	ND021275,NAVY	57	22.3	17.2	55.0	97.5	1.0	48.0	5.0	4.5	1.0	-	
I81066	SEL-BTS,T39	42	22.3	16.9	54.0	98.0	4.1	43.5	3.0	7.5	1.0	-	
I03373	ND021863,BK	63	22.2	19.0	54.0	97.5	0.9	49.6	3.9	4.0	0.0	-	
I03372	ND021773,BK	62	19.1	16.8	53.0	99.0	1.0	49.3	4.4	6.0	1.0	-	
AVERAGE OF PRECEDING 72 MEANS			26.8	17.8	52.2	99.1	1.7	50.3	4.6	6.0	0.9		
LSD(P=.05)			3.4	1.4	0.0	1.0	0.4	2.0	0.6				
LSD(P=.01)			4.4	1.8	0.0	1.3	0.5	2.5	0.7				
COEFFICIENT OF VARIATION			7.7	4.8	0.0	0.6	15.1	2.4	7.6				

EXPT.	3104 STANDARD PINTO YIELD TEST	PLANTING		DATE	6/2/2003				
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
P00218	KODIAK/BDM-RMR-11	23	34.9	36.8	49.0	90.0	2.5	48.4	4.5
P02647	G99750/P97803	26	34.4	38.3	47.0	89.0	2.0	52.9	7.0
P02646	G99750/P97803	22	34.3	34.3	49.0	87.4	2.0	50.9	7.0
I99117	BUSTER (PT)ASG85-5051-7,ASGROW	32	33.8	32.5	49.0	89.1	3.0	45.5	4.0
P94207	P90557/G91213, KODIAK	8	32.4	34.9	49.0	91.5	3.0	46.3	3.5
P02630	P99120/MATTERHORN	24	32.0	34.9	47.0	87.6	2.0	47.4	7.0
P02634	KODIAK//X98209/P98507	34	31.9	37.2	47.0	88.6	2.5	46.1	4.0
I98305	USPT-73(PINTO)USDA-PROSSER	1	31.8	38.8	42.0	87.4	3.0	45.9	3.0
P02624	P97803/G97915	20	31.7	30.0	52.0	91.6	3.0	49.9	4.5
I97236	USWA 19(PT)USDA-PROSSER, BURKE	5	31.5	35.8	41.0	89.0	3.0	47.3	4.0
I03355	USPT-CBB-1,PT	2	31.1	34.1	47.0	89.3	3.0	46.3	4.0
P02626	P98511/MATTERHORN	21	31.0	33.8	47.0	89.5	1.9	48.1	4.5
P99119	P94211/MATTERHORN	15	31.0	34.7	49.0	87.6	2.0	45.6	5.0
P00217	KODIAK/BDM-RMR-11	17	30.7	36.8	48.0	91.5	3.0	46.0	4.0
I84002	NW410//VICTOR/AURORA, OTHELLO	4	29.9	36.1	42.0	83.7	2.9	44.7	3.0
P00204	KODIAK/P96705	11	29.5	37.5	49.0	89.7	2.0	49.0	6.0
P02633	P99118/MATTERHORN	27	29.2	32.4	49.0	87.8	2.0	48.0	5.0
I02526	ND9901209-5	6	29.2	35.3	52.0	91.6	3.5	45.4	4.0
P00226	P95427/MATTERHORN	9	29.0	36.0	49.0	91.4	2.0	50.5	4.5
I03001	RS26,1999,KODIAK,SEL	30	28.8	34.6	49.0	87.9	3.5	45.7	3.5
I03002	RS37,1999,BELDAKMI RMR14	31	28.8	34.1	47.0	88.3	3.0	46.6	4.0
I02506	ND010904(PINTO)	19	28.7	34.1	50.0	89.4	3.0	46.5	3.0
P02627	P99120/MATTERHORN	25	28.6	33.9	49.0	88.9	2.0	50.5	6.5
P00225	P95427/MATTERHORN	33	28.1	36.3	47.0	89.5	1.5	48.5	5.0
P02642	BDM-RMR-11/X99301	28	27.9	37.7	46.0	86.6	2.0	46.1	5.0

EXPT.	3104 STANDARD PINTO YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I98305	USPT-73(PINTO)USDA-PROSSER	14	26.1	34.8	44.0	88.0	3.0	46.0	3.0
P99120	P94211/MATTERHORN	16	25.6	32.9	48.0	88.6	2.1	47.4	5.0
P00206	P96753/P95438	12	25.3	27.5	53.0	94.5	2.0	55.5	4.0
P00207	P96753/P95438	29	25.2	26.3	53.0	94.5	2.0	56.6	4.0
P00227	P96750/BDM-RMR-11	7	24.3	33.1	53.0	93.2	2.0	55.7	4.0
P00221	P94211/BDM-RMR-11	10	23.7	34.3	47.0	89.4	2.0	49.2	4.0
I03356	ISB-1194-2,PT	3	23.5	36.8	45.0	88.0	3.0	46.1	3.5
P01359	P96755/KODIAK	18	23.5	34.5	44.0	95.0	2.0	54.4	4.0
P02635	X99301/P98506	36	23.1	29.5	51.0	93.9	2.1	53.4	3.5
P00228	P95339/P96750	13	20.8	32.6	52.0	95.1	2.0	56.6	4.0
P02637	X99301/P98506	35	20.6	33.9	52.0	95.4	2.0	55.5	3.0
AVERAGE OF PRECEDING 36 MEANS			28.7	34.4	48.2	90.0	2.4	49.0	4.4
LSD(P=.05)			3.4	2.0	0.0	0.7	0.2	1.0	0.3
LSD(P=.01)			4.4	2.6	0.0	1.0	0.3	1.2	0.4
COEFFICIENT OF VARIATION			8.4	4.2	0.0	0.6	6.1	1.4	5.5

EXPT.	3105 STANDARD GREAT NORTHERN YIELD TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
G98602	G93442/X94023	5	33.4	31.5	47.0	87.5	2.0	47.0	6.5
G00528	G93429/G96838	15	32.2	31.3	47.0	87.4	2.0	47.5	5.5
G02454	G99750/P97803	29	31.6	33.3	47.0	88.5	2.0	49.5	7.0
G99727	MATTERHORN/G95101	8	31.4	30.4	49.0	89.0	2.0	47.5	5.7
G02453	G99750/P97803	22	30.8	33.0	49.0	90.5	2.0	48.5	4.5
G02461	MATTERHORN/VAX-1	18	30.6	32.3	47.0	88.5	2.0	48.0	6.0
G02456	MATTERHORN/G97918	17	30.5	29.4	49.0	89.8	2.0	48.5	6.2
G93414	MATTERHORN	7	30.1	29.8	47.0	88.1	2.0	49.0	5.9
G98601	G93442/X94023	2	30.0	32.6	49.0	88.8	2.0	46.0	4.6
G00520	MATTERHORN/G96835	4	29.9	36.8	50.0	88.9	2.0	50.0	5.5
G97914	MATTERHORN/G93401	6	29.9	30.7	49.0	89.0	2.0	45.0	4.0
G97905	MATTERHORN/54028	9	29.8	31.1	47.0	89.5	2.0	47.5	4.9
G97941	MATTERHORN/G93441	3	29.8	29.9	49.0	87.6	2.0	46.5	5.4
G02462	P99118/MATTERHORN	23	29.7	33.3	47.0	87.6	2.0	48.0	6.4
G01234	G97924//MATTERHORN/HURON	24	29.6	29.4	47.0	88.1	3.0	47.0	4.4
G02460	MATTERHORN/VAX-1	27	29.5	32.9	47.0	87.5	2.0	47.0	5.5
I02541	GNNE3-01-7	31	28.0	35.8	46.0	91.1	2.0	49.5	4.5
I03354	ISB-4071,GN	30	27.8	31.3	47.0	86.9	3.5	40.0	3.1
G01243	MATTERHORN/6-810	36	27.7	33.5	47.0	88.8	2.0	49.0	4.0
G01259	WEIHING/MATTERHORN	21	27.6	29.0	49.0	89.9	2.0	48.0	4.1
G99728	MATTERHORN/G95101	1	27.3	29.9	47.0	91.4	3.0	48.5	3.5
G99732	X96130(bc-3)/MATTERHORN	10	27.2	32.0	47.0	88.6	2.0	46.5	4.5
G00536	X95623/G95009	11	27.1	28.2	53.0	93.1	3.0	49.0	3.8
I02543	GNNE1-01-1	32	26.4	34.8	49.0	92.6	3.0	47.5	3.5
I03004	RS56S,1999,7-303,GN	34	26.1	33.2	46.0	87.8	2.0	49.0	5.5

EXPT.	3105 STANDARD GREAT NORTHERN YIELD TEST				PLANTING	DATE	6/2/2003			
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
G01238	WEIHING/HURON//G95023	26	26.0	27.4	49.0	93.6	3.0	50.5	3.6	
G01240	WEIHING/HURON//G96826	28	26.0	32.3	48.0	90.1	2.5	47.0	3.5	
G02459	X99316/G95157	19	26.0	32.7	50.0	90.6	1.5	52.0	3.6	
G01244	MATTERHORN/6-810	25	25.5	32.9	47.0	90.1	2.0	49.5	4.9	
I03003	RS434,1999,6-2341,GN	33	25.3	33.0	52.0	91.9	2.0	51.0	3.5	
G01245	G95157/MATTERHORN	20	24.9	31.2	53.0	93.6	3.0	44.5	3.0	
G99702	G95016/X95103(CAT)	12	24.2	30.6	52.0	94.4	3.0	50.0	3.6	
G00538	X96129/MATTERHORN	13	24.1	31.7	49.0	91.0	2.0	49.0	4.0	
G00511	G93429/G96838	16	24.1	26.2	54.0	97.0	2.0	54.0	3.9	
I03005	RS568,1999,7-308,GN	35	23.8	32.8	47.0	87.6	1.5	46.5	4.5	
G99725	X95624(1308)/G95051	14	21.5	28.0	53.0	95.1	2.0	56.0	2.9	
AVERAGE OF PRECEDING 36 MEANS			27.9	31.5	48.7	90.0	2.2	48.3	4.6	
LSD(P=.05)			3.2	2.2	0.0	0.8	0.2	0.9	0.4	
LSD(P=.01)			4.2	2.8	0.0	1.1	0.2	1.2	0.6	
COEFFICIENT OF VARIATION			8.1	4.9	0.0	0.6	6.0	1.4	6.8	

EXPT.	3106 STANDARD PINK & RED TEST	PLANTING	DATE	6/2/2003						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	
S02753	X99352/X99351	17	33.4	31.1	47.0	89.0	1.0	51.0	6.0	
I03358	K124467,ADM,FDM	33	32.3	32.3	41.0	89.0	3.0	46.5	3.0	
R98026	MERLOT ,R94037/R94161	2	32.2	31.1	48.0	93.0	2.5	50.0	4.5	
S02752	X99352/X99351	21	31.4	33.1	47.0	88.5	2.0	50.0	5.5	
R02205	R93365 / XAN 309 - CBB RESIST	42	31.0	25.7	48.0	92.5	1.5	48.0	5.0	
S00801	X95308/X95353	12	30.6	38.8	47.0	88.5	2.0	48.5	4.5	
S02751	X99352/X99351	23	30.6	31.2	47.0	87.5	1.0	50.5	5.5	
S00809	R94142/X94076	7	28.8	32.9	50.0	89.5	2.0	48.0	5.0	
S02755	X99313//X98213/VAX-3	22	28.7	26.5	51.0	89.0	2.0	48.0	5.5	
I02312	LEBARON	15	28.6	38.4	42.0	80.0	2.0	41.5	3.0	
S00802	X96119/X96109	9	27.8	34.1	47.0	89.5	2.0	50.0	5.5	
S02754	X99313//X98213/VAX-3	16	27.8	26.9	49.0	89.5	2.0	50.5	5.5	
S00803	X96120/X96128	14	27.6	36.4	47.0	88.0	2.0	48.0	5.5	
S00807	X95308/X95353	10	27.0	34.5	47.0	88.0	1.5	49.5	4.5	
S01809	R94142/X94076(SPS,S00809)	19	27.0	29.7	43.0	85.5	2.0	44.5	3.5	
R02013	R94026/X96024//R95431/X96010	34	26.7	31.0	47.0	92.5	2.0	50.0	3.0	
R97022	R94037/X94328	1	26.3	31.9	49.0	94.0	2.5	50.0	4.0	
I02314	FLOR 9623,UOC	32	26.3	35.3	41.0	86.5	2.0	48.5	3.5	
S00808	X96120/X96128	13	26.3	34.3	47.0	89.5	2.0	49.5	5.0	
R02189	R93346/3/R93006//R94030/JB 9438-217 - RUST	36	26.2	35.1	49.0	94.0	2.0	51.0	5.0	
R02002	R94026/X96024//R95429/X96034	40	25.8	31.4	50.0	91.0	1.0	50.5	5.0	
S01948	X98215/VAX-3	25	25.8	25.7	52.0	93.0	2.5	47.0	4.0	
I81098	ROZA USDA-WA	31	25.1	31.0	49.0	91.5	4.5	45.0	2.5	
S02068	USWA-61//89:411K/R93346	38	24.8	28.3	47.0	93.0	2.0	50.0	4.5	
S01944	X98213/VAX-3	20	24.5	27.0	53.0	93.0	2.5	48.0	4.5	

EXPT.	3106 STANDARD PINK & RED TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I03357	UC PINK 9634	30	24.1	31.0	41.0	89.5	2.0	48.0	3.0
R02191	R93346/3/R93006//R94030/JB 9438-217	41	23.9	30.8	53.0	95.5	2.0	54.5	3.0
S01005	89:411K/R94026//89:411K/R94037	6	23.7	35.0	49.0	90.5	2.5	46.5	3.5
I02305	PR95-055-2-1-16(PK)ARS,USDA	29	23.6	32.2	47.0	88.0	2.0	47.0	3.5
S00105	89:411K/R94037, SELECT. FROM R99072	4	23.2	31.8	50.0	91.5	4.0	42.5	3.0
S02757	CATRACHITA/X99313	26	23.2	28.0	49.0	91.0	2.5	47.0	3.5
I95322	BROOKS-18(RM)	8	23.0	28.7	52.0	94.5	4.0	43.5	3.0
S01933	X98211/VAX-3	24	22.7	25.2	49.0	92.5	3.5	47.0	4.0
R99072	89:411K/R94037	37	21.9	29.2	52.0	92.0	3.5	44.0	3.0
S02083	R93346/X98503//X98507/X98509	39	21.6	29.2	50.0	90.5	3.0	44.0	2.5
I01764	ROJO CHIQUITO ,USWA-6(SR)	11	21.4	15.4	53.0	93.5	2.5	49.0	3.5
I01763	TIO CANELA-75 (HONDURAN RED)	28	20.9	20.4	53.0	93.5	3.5	46.0	3.5
R02055	R95474/X98510//R94033/R94009	35	20.0	30.2	49.0	92.0	1.5	50.0	3.5
R99073	89:411K /R94026	5	18.7	27.1	51.0	92.0	3.5	44.0	3.0
S01932	X98211/VAX-3	27	18.1	28.1	52.0	94.0	3.0	46.5	4.0
R98051	X91511/X91521	3	16.3	26.5	53.0	94.0	3.5	46.5	3.0
R96025	X93301/X93342	18	15.9	31.1	53.0	95.5	2.0	55.0	3.0
AVERAGE OF PRECEDING 42 MEANS			25.4	30.3	48.6	90.8	2.4	48.0	4.0
LSD(P=.05)			3.3	2.6	0.0	0.9	0.4	0.9	0.4
LSD(P=.01)			4.2	3.4	0.0	1.1	0.5	1.2	0.5
COEFFICIENT OF VARIATION			9.1	6.1	0.0	0.7	10.4	1.3	7.2

EXPT.	3107 VINE CRANBERRY TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
C00301	92-197-02-14/CARDINAL	12	24.1	51.3	42.0	96.0	2.0	47.0	4.0
C99804	CARDINAL/C93212	10	22.7	51.9	41.0	95.5	2.0	47.0	4.5
C81008	T HORT	11	22.5	47.3	42.0	95.5	2.0	44.5	3.0
I01815	OT9743-162-2-3(CRAN)	1	22.3	41.1	51.0	99.0	4.0	42.5	3.0
I01799	ND9904479(CRAN)	5	22.0	48.1	49.0	101.0	3.0	51.5	3.5
I01800	ND9904480(CRAN)	6	21.6	55.0	46.0	104.0	2.0	56.5	3.0
I01797	ND9904470(CRAN)	7	20.4	55.1	49.0	103.5	2.0	53.5	3.0
C01630	92-198-08/C97409	8	20.1	38.8	48.0	95.0	2.5	47.0	4.1
C66001	MICRAN	4	19.7	44.4	48.0	99.5	4.0	41.0	3.0
I01798	ND9904474(CRAN)	3	18.5	49.4	43.0	102.5	3.0	54.0	4.0
C99833	CARDINAL/K94803	2	17.9	49.7	40.0	96.5	1.5	46.4	5.0
I01796	ND9904467(CRAN)	9	17.3	55.4	46.0	103.5	2.0	55.0	3.0
AVERAGE OF PRECEDING 12 MEANS			20.8	49.0	45.4	99.3	2.5	48.8	3.6
LSD(P=.05)			3.1	3.3	0.0	1.0	0.2	1.6	0.2
LSD(P=.01)			4.0	4.2	0.0	1.3	0.3	2.1	0.3
COEFFICIENT OF VARIATION			10.5	4.7	0.0	0.7	6.8	2.3	4.1

EXPT.	3108 MIDWEST REGIONAL PERFORMANCE TEST	PLANTING	DATE	6/2/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I99117	BUSTER (PT)ASG85-5051-7,ASGROW	20	31.1	39.0	49.0	90.6	3.0	43.4	3.5
G93414	MATTERHORN	21	29.5	31.6	47.0	88.5	2.0	48.4	5.0
I03381	CO 12613,PT	13	29.4	35.2	47.0	86.6	2.5	47.0	5.0
P00227	P96750/BDM-RMR-11	1	29.4	36.0	52.0	93.9	2.0	52.9	4.0
I03384	NE 1-100-4,GN	16	29.3	34.1	47.0	92.4	2.0	49.1	4.0
P00226	P95427/MATTERHORN	2	27.8	38.3	47.0	91.9	2.0	51.1	5.1
P01359	P96755/KODIAK	3	27.7	36.3	54.0	93.9	2.0	51.5	4.0
G00520	MATTERHORN/G96835	5	27.5	38.5	47.0	89.5	2.0	48.8	5.5
I84002	NW410//VICTOR/AURORA, OTHELLO	24	27.5	38.0	42.0	83.0	4.0	44.0	3.4
I03377	ND011169,PT	9	27.0	34.4	46.0	88.6	2.0	47.6	4.5
I03383	CO 96731,PT	15	26.7	38.1	48.0	91.4	2.0	48.2	4.5
I03387	ABCP #17,PT	19	26.6	33.4	52.0	93.6	3.5	41.6	3.0
I03376	ND010294,PT	8	26.5	40.3	47.0	89.5	2.5	47.3	4.5
I03385	ABCP #8,PT	17	26.3	30.6	52.0	91.5	3.0	40.3	3.0
I98313	CO 51715(PINTO) , MONTROSE	22	26.2	35.9	50.0	89.8	3.0	43.0	3.0
I03375	ND010307,PT	7	26.1	38.0	47.0	89.5	2.0	47.8	3.1
G99728	MATTERHORN/G95101	4	25.7	31.0	48.0	90.5	2.0	47.6	5.0
P86299	PRS- C3S3, SIERRA	25	25.3	31.0	54.0	95.7	3.0	47.9	3.9
I03382	CO 12531,PT	14	25.3	34.0	50.0	91.6	3.0	47.0	3.5
I03374	ND010101,PT	6	25.2	32.7	47.0	91.2	2.5	46.8	3.9
I03386	ABCP #15,PT	18	24.6	33.3	51.0	92.9	4.0	42.4	3.0
I03388	TEBO ,SVM,GN	23	24.3	25.9	49.0	91.5	3.5	42.4	3.5
I03380	CO 12650,PT	12	24.2	31.0	50.0	94.1	2.0	48.5	4.0
I03379	CO 12786,PT	11	23.1	35.1	52.0	92.9	3.0	44.2	3.5
I03378	ND020597,GN	10	21.0	30.9	47.0	87.9	1.5	47.1	5.1
AVERAGE OF PRECEDING 25 MEANS			26.5	34.5	48.9	90.9	2.6	46.6	4.0
LSD(P=.05)			4.0	2.7	0.0	1.1	0.5	1.3	0.5
LSD(P=.01)			5.3	3.5	0.0	1.5	0.7	1.7	0.6
COEFFICIENT OF VARIATION			9.3	4.7	0.0	0.8	12.6	1.7	7.4

EXPT.	3209 STANDARD KIDNEY YIELD TEST	PLANTING	DATE	6/18/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
K90101	CHAR/2*MONT, RED HAWK	10	20.4	42.9	38.9	94.5	2.5	46.7	4.0
K94601	CN49242/3*MONT//REDKLOUD, CHINOOK2000	1	20.0	43.1	39.5	95.1	2.0	47.7	4.5
K01974	K90902//CELIA/BELUGA	2	18.7	45.1	41.5	94.6	2.5	43.9	3.5
I03389	ASG 0462,LRK	20	18.3	44.2	37.5	93.5	1.0	45.8	4.0
I00639	119-72,MONTCALM/CELRK,LRK	16	18.1	47.3	39.5	93.8	2.0	45.1	3.5
I99103	119-20,MONTCALM/CELRK,LRK	7	17.9	45.1	38.5	94.4	2.0	47.4	3.5
K01234	REDCOAT ,MUTANT OUT OF REDHAWK	18	17.3	42.2	39.0	93.4	2.0	45.1	4.0
K99975	CARDINAL/K94813	13	17.2	43.4	38.5	91.9	2.0	46.7	4.5
K01405	K86506/REDHAWK,SEL OUT OF K00605	5	16.7	39.6	40.0	95.0	2.0	45.6	4.0
K00922	BELUGA/ELSA	6	16.4	38.6	40.1	92.9	2.5	44.6	3.0
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	19	16.3	44.5	41.4	95.6	2.5	45.1	4.0
K00417	CHINOOK/REDHAWK	11	16.0	38.8	39.1	93.6	2.0	46.3	4.0
K01975	K90902//CELIA/BELUGA	4	14.8	38.5	41.0	93.6	3.5	42.8	3.5
K90902	BEA/50B1807//LASSEN, BELUGA	14	14.4	38.3	40.5	94.5	2.0	45.7	4.0
K01973	K90902//CELIA/BELUGA	12	14.1	39.1	41.5	93.9	2.0	43.0	4.0
K01985	CARDINAL/K94813//LASSEN/BELUGA	8	13.6	41.1	38.0	93.6	2.0	45.2	4.5
K99974	CARDINAL/K94803	3	13.6	39.2	37.5	92.6	1.5	46.2	5.5
I99105	119-106,MONTCALM/CELRK,LRK	15	13.3	43.4	40.0	91.9	2.5	40.7	3.0
K01972	K90902//CELIA/BELUGA	9	13.0	41.3	41.0	92.9	2.0	43.7	4.0
I90013	(LRK)UCD, CELRK	17	11.5	44.8	36.5	92.0	2.0	42.6	3.0
AVERAGE OF PRECEDING 20 MEANS			16.1	42.0	39.5	93.7	2.1	45.0	3.9
LSD(P=.05)			4.0	3.6	0.7	0.6	0.3	1.3	0.5
LSD(P=.01)			5.2	4.6	0.9	0.7	0.4	1.7	0.6
COEFFICIENT OF VARIATION			17.4	6.0	1.3	0.4	11.3	2.1	8.2

EXPT.	3210 STANDARD BUSH CRANBERRY TEST	PLANTING	DATE	6/18/2003					
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I00606	OT9641-281-1,USDA-PROSSER(CRAN)	14	21.7	48.6	36.5	94.5	4.0	44.0	3.0
I99149	B386ASGROW,CRAN, HOOTER	19	21.5	45.6	40.5	96.6	2.0	45.1	3.1
I99133	PR95-400-5-1,USWA,98T6801	5	21.5	41.1	39.0	94.5	2.5	47.1	4.0
C00304	92-197-02-14/CARDINAL	15	20.1	43.3	39.5	94.5	2.5	46.6	3.6
C99833	CARDINAL/K94803	3	19.7	49.4	37.5	94.6	2.0	44.9	4.5
C01622	92-197-02-14/THORT	18	19.5	42.0	39.0	94.5	2.0	45.9	3.9
C99806	CARDINAL/C93212	9	19.5	45.6	37.5	93.9	2.0	46.5	5.6
C00305	92-197-02-14/CARDINAL	2	19.0	41.1	39.0	94.6	3.4	44.0	3.5
C01638	MEX. CRAN/C97409	17	18.2	36.7	40.5	93.0	2.0	41.5	3.5
C00302	92-197-02-14/CARDINAL	1	17.4	40.8	40.5	95.1	3.0	46.5	3.9
C81004	CRAN 425, CARDINAL	4	16.9	47.9	38.5	94.6	1.9	46.6	4.6
C99804	CARDINAL/C93212	6	16.8	43.4	38.5	93.4	1.5	45.9	5.4
C00301	92-197-02-14/CARDINAL	10	16.7	41.5	39.5	93.0	4.1	43.0	2.1
C01636	MEX. CRAN/C97409	12	16.7	40.0	39.0	92.4	1.5	43.1	3.0
C99812	CARDINAL/C96503	8	16.3	41.2	38.0	93.0	2.6	44.5	4.0
C00303	92-197-02-14/CARDINAL	13	15.9	39.6	40.0	94.0	3.1	44.4	3.0
C98105	C93219/X94016	11	15.7	40.3	39.5	92.5	1.5	43.8	3.3
C81008	T HORT	7	15.1	36.8	40.0	92.5	2.5	40.6	3.1
I01774	CPC 99814(CRAN)	20	12.2	46.5	40.5	92.5	1.1	40.9	2.9
I01775	CPC 00153(MEX,YELLOW)	16	10.0	26.5	44.0	92.9	3.0	41.5	2.0
AVERAGE OF PRECEDING 20 MEANS			17.5	41.9	39.3	93.8	2.4	44.3	3.6
LSD(P=.05)			3.6	3.5	0.5	0.6	0.6	1.4	0.7
LSD(P=.01)			4.7	4.6	0.7	0.8	0.7	1.8	0.9
COEFFICIENT OF VARIATION			14.7	6.0	1.0	0.5	16.4	2.2	12.9

EXPT.	3721 REGIONAL DRY BEAN TEST, PRESQUE ISLE	PLANTING	DATE	6/16/2003		
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	PERCENT SITE MEAN	LBS/ACRE /DAY	100 SEED WT.
N97774	SEAHAWK ,BUNSI/HURON	13	24.6	125.1	25.2	21.3
P00227	P96750/BDM-RMR-11	11	22.9	116.1	23.1	36.5
S00809	R94142/X94076	10	22.5	114.4	23.4	33.2
B01741	TACANA/JAGUAR	4	22.1	112.3	22.4	20.2
I81066	SEL-BTS, T39	9	21.2	107.9	22.9	19.0
B00101	PHANTOM/BLACKJACK, CONDOR	5	21.2	107.7	22.5	20.5
N00760	VISTA/MACKINAC//I92919	16	20.6	104.8	22.3	17.5
N00729	MACKINAC/N94080//N95647	14	20.6	104.7	22.6	16.5
B95556	B90211/N90616, JAGUAR	7	20.2	102.7	20.5	16.8
N00756	VISTA/MACKINAC//ND-88-106-04/N94080	15	19.2	97.5	18.6	16.5
B00103	PHANTOM/BLACKJACK	6	18.9	95.9	20.3	19.2
B00102	PHANTOM/BLACKJACK	8	18.5	93.8	21.0	18.7
N00838	MACKINAC/VISTA	12	18.5	93.7	21.7	17.1
K01234	REDCOAT ,MUTANT OUT OF REDHAWK	3	15.6	79.4	15.7	46.9
K90101	CHAR/2*MONT, RED HAWK	2	15.0	76.4	14.2	44.6
K74002	MDRK/CN(3)-HBR(NEB#1), MONTCALM	1	13.3	67.5	13.8	45.4
	AVERAGE OF PRECEDING 16 MEANS		19.7	100.0	20.6	25.6
	LSD(P=.05)		3.6	18.1	2.3	1.6
	LSD(P=.01)		4.6	23.5	3.0	2.1
	COEFFICIENT OF VARIATION		12.8	12.8	7.9	4.5

EXPT.	3222 WHITE MOLD VARIETY TEST	PLANTING	DATE	6/17/2003					
ENTRY	PEDIGREE, NAME	WHITE MOLD	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
105-31	BUNSI/RAVEN	3.3	39.6	17.4	45.5	97.3	1.0	52.0	5.0
105-37	BUNSI/RAVEN	3.4	38.6	18.5	47.0	99.1	1.9	51.5	4.5
105-25	BUNSI/RAVEN	2.8	36.6	19.2	45.0	98.5	1.5	49.5	5.5
I01892	G24423/2*TACANA,115-11M,MEX.(BK)	3.8	36.5	17.1	48.0	99.1	2.0	54.5	5.0
N00729	MACKINAC/N94080//N95647	2.1	36.4	16.1	50.5	97.5	1.5	52.5	5.0
I02523	ND9902986-2(BK)	4.3	36.3	17.8	48.5	96.9	2.1	50.0	5.5
105-1	BUNSI/RAVEN	3.1	34.5	19.9	45.5	98.5	2.0	47.5	5.0
B02542	PHANTOM*/TLP-20	4.6	34.4	19.0	48.0	98.0	2.5	50.0	4.5
B01741	TACANA/JAGUAR	3.7	34.4	16.7	47.0	97.9	1.5	54.5	6.5
N00794	VISTA/ND-88-106-04//N94080	2.0	34.1	15.3	45.0	98.6	1.9	53.5	5.5
105-86	BUNSI/RAVEN	3.5	34.0	16.1	44.5	97.1	2.5	47.5	4.5
B00101	PHANTOM/BLACKJACK, CONDOR	4.7	33.1	15.9	47.5	97.3	1.9	51.0	5.5
N97774	BUNSI/HURON, SEAHAWK	3.3	33.0	18.8	43.5	96.3	3.1	44.0	5.0
B90222	N84004/B85009 (B89104 SEL), RAVEN	5.5	32.9	16.4	48.0	97.4	1.5	50.0	4.0
N00838	MACKINAC/VISTA	3.6	32.8	17.2	46.5	99.4	2.0	56.0	6.5
105-75	BUNSI/RAVEN	3.1	32.8	16.8	44.5	97.9	1.5	49.0	5.0
105-45	BUNSI/RAVEN	4.3	32.6	15.7	45.0	97.3	2.5	45.5	4.5
105-80	BUNSI/RAVEN	4.4	32.6	16.9	46.5	98.8	2.4	51.0	4.0
B95556	B90211/N90616, JAGUAR	3.1	32.3	16.0	47.5	96.2	1.0	48.0	5.5
B01780	N98123/B98303	4.7	32.1	17.3	46.0	96.5	1.0	51.0	6.0
N02235	N97774/N99244	3.5	31.9	18.8	45.0	97.9	1.5	49.0	4.5
105-88	BUNSI/RAVEN	2.9	31.8	16.3	45.0	98.5	1.5	52.5	5.0
I92002	C-20*6/CN49-242 NAVY GENTEC, VISTA	4.1	31.8	16.8	46.0	98.3	1.5	53.5	5.0
B01757	TACANA/T-39/MACANUDO	3.8	31.6	18.0	47.0	98.3	1.6	52.5	5.0
N02242	MACKINAC//89-151-46-02/N98121	3.0	31.3	16.6	45.0	99.0	2.0	50.5	4.5

EXPT.	3222 WHITE MOLD VARIETY TEST	PLANTING		DATE	6/17/2003				
ENTRY	PEDIGREE, NAME	WHITE MOLD	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
I02545	AN 37,(PINTO)	2.4	31.2	28.6	45.0	96.0	1.5	47.0	5.0
B00103	PHANTOM/BLACKJACK	4.2	30.7	15.7	48.5	97.0	2.0	48.5	4.5
B01451	NEGRO INIFAP/NG8025,00T-1403	2.2	30.3	21.5	49.0	99.9	3.4	45.0	3.5
N01458	B98301/N98117	5.0	30.0	14.0	46.0	97.4	2.0	52.0	5.0
N00710	ND-88-106-04/N94080	3.8	30.0	15.2	45.5	95.9	2.1	48.5	5.5
I81066	SEL-BTS, T39	5.4	29.2	16.1	49.5	97.9	3.0	45.5	4.0
105-66	BUNSI/RAVEN	5.3	29.2	17.7	45.0	99.9	2.5	52.5	4.5
105-35	BUNSI/RAVEN	7.2	29.2	17.0	44.0	96.6	3.5	44.0	4.0
B01770	JAGUAR//SEAFARER/92BG-7	2.6	29.1	15.5	47.5	96.5	1.0	51.0	5.5
105-95	BUNSI/RAVEN	5.6	29.1	14.8	46.5	97.9	1.5	51.0	4.0
B02551	BLACKJACK/TLP-20//PHANTOM	4.3	29.0	15.5	48.0	96.8	1.5	48.5	5.0
N02302	BUNSI/RAVEN,105-88	2.6	28.8	16.1	44.5	97.9	2.1	55.0	6.0
105-36	BUNSI/RAVEN	6.7	28.8	13.8	48.5	99.0	2.0	53.5	4.0
B00102	PHANTOM/BLACKJACK	5.2	28.5	14.9	47.0	95.5	2.0	48.0	5.0
105-24	BUNSI/RAVEN	6.3	28.4	14.2	48.0	97.0	3.0	45.5	3.5
105-41	BUNSI/RAVEN	3.7	27.3	15.5	45.5	96.0	1.5	47.0	4.5
N00760	VISTA/MACKINAC//I92919	5.5	27.2	14.4	47.5	99.0	2.0	53.5	5.0
105-60	BUNSI/RAVEN	6.5	27.0	14.8	47.0	98.0	3.0	47.5	4.0
105-65	BUNSI/RAVEN	7.1	26.8	14.5	44.5	98.0	2.5	50.5	3.5
N00792	VISTA/ND-88-106-04//HURON	2.9	26.7	18.5	47.0	96.8	2.0	50.0	5.5
N00756	VISTA/MACKINAC//ND-88-106-04/N94080	4.6	26.5	14.2	49.0	98.9	2.4	49.5	4.0
I01764	ROJO CHIQUITO ,USWA-6(SR)	3.1	25.6	18.0	47.0	96.4	2.0	48.0	4.5
N02241	89-151-46-02/N98121//HURON	4.6	25.5	15.4	45.5	96.7	1.1	51.5	5.0
N01488	MACKINAC/N98122	6.4	25.3	16.0	44.5	98.0	2.0	51.0	4.5
I81010	JAPON3/MAGDALENE, BUNSI	2.9	25.3	17.4	43.0	97.1	2.9	46.0	4.5

EXPT.	3222 WHITE MOLD VARIETY TEST	PLANTING	DATE	6/17/2003					
ENTRY	PEDIGREE, NAME	WHITE MOLD	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE
105-64	BUNSI/RAVEN	7.8	24.8	14.9	47.0	96.9	2.4	49.0	3.0
105-7	BUNSI/RAVEN	5.3	24.8	14.9	49.0	97.5	1.5	55.5	4.0
P00227	P96750/BDM-RMR-11	6.1	24.5	29.9	45.0	97.3	1.1	54.5	5.0
I00614	94:1015P,UNIV IDAHO(PINTO)	7.5	23.9	34.0	43.5	95.0	3.5	45.5	3.5
I03360	AN-69,PT	5.2	23.3	28.8	45.0	95.5	3.0	48.0	4.0
N02233	PHANTOM/HR67	2.1	22.7	14.3	45.5	98.4	1.1	48.5	4.5
N00712	ND-88-106-04/N94080	6.7	21.7	13.3	46.0	97.4	2.5	50.0	4.0
105-51	BUNSI/RAVEN	8.1	20.9	14.1	47.5	96.4	3.1	46.0	3.5
I02535	CORNELL 601(SNAP)	2.5	19.9	33.0	41.0	96.5	1.0	44.5	5.0
G93414	MATTERHORN	6.6	18.7	26.4	44.0	95.5	1.9	47.5	4.0
I96417	G122 MAGNUSON(CRAN)	2.9	17.0	30.8	43.0	98.0	1.0	49.5	4.0
I89011	RB(GN), BERYL	8.6	16.3	25.3	43.0	94.9	5.0	40.0	1.5
I03359	AN-1,WHITE	4.2	14.7	26.3	42.5	95.3	1.9	45.0	4.0
I02536	CORNELL 501(SNAP)	3.1	6.9	21.4	40.0	97.4	2.1	47.0	3.0
AVERAGE OF PRECEDING 64 MEANS			28.6	18.2	46.0	97.4	2.0	49.5	4.6
LSD(P=.05)			6.2	2.1	1.6	1.0	0.5	2.9	0.7
LSD(P=.01)			8.0	2.7	2.0	1.3	0.7	3.8	0.9
COEFFICIENT OF VARIATION			13.2	7.0	2.1	0.6	16.4	3.6	8.8

EXPT.	3223 WHITE MOLD GENETIC TEST	PLANTING	DATE	6/17/2003							
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WHITE MOLD	
8628	TACANA*/PI 313850(L)	49	37.4	17.2	49.5	104.4	3.5	44.0	3.5	3.6	
I01892	G24423/2*TACANA,115-11	62	36.9	17.8	49.5	101.5	2.0	52.4	4.4	4.0	
8690	TACANA*/PI 313850(L)	58	36.2	19.4	48.5	100.6	2.0	49.4	4.1	4.0	
8604	TACANA*/PI 313850(L)	35	35.8	16.7	46.5	98.6	2.0	50.3	5.3	4.5	
8580	TACANA*2/PI 318695(W)	6	35.0	18.1	48.0	99.4	1.5	49.5	5.1	3.7	
8672	TACANA*/PI 313850(L)	55	34.7	16.8	46.9	101.9	2.0	49.6	4.0	4.2	
126-2	TACANA*2/PI 318695(W)	25	33.9	18.3	49.5	99.9	2.0	50.2	4.6	3.9	
8563	TACANA*2/PI 318695(W)	3	33.8	16.7	48.5	98.9	2.5	49.9	5.0	4.4	
8605	TACANA*/PI 313850(L)	39	33.8	16.5	49.1	103.2	2.0	52.0	4.6	3.6	
8568	TACANA*2/PI 318695(W)	13	33.2	16.0	46.9	103.5	2.5	49.1	4.1	4.5	
8629	TACANA*/PI 313850(L)	45	33.2	16.4	48.1	98.5	2.0	50.1	4.0	4.4	
8671	TACANA*/PI 313850(L)	52	33.1	17.5	46.0	99.5	2.0	49.6	5.1	3.6	
I98402	DOR390, TACANA	64	31.4	16.4	47.0	100.9	2.0	49.9	5.0	4.5	
8661	TACANA*/PI 313850(L)	53	31.4	16.2	48.0	97.1	2.0	49.5	4.1	4.3	
118-2	TACANA*2/PI 318695(W)	26	31.3	17.3	48.0	101.4	3.0	48.7	4.1	3.9	
8659	TACANA*/PI 313850(L)	37	31.3	17.9	48.1	97.6	1.5	49.0	4.5	3.3	
8574	TACANA*2/PI 318695(W)	18	30.8	16.4	48.6	102.0	3.0	48.4	3.9	6.0	
8653	TACANA*/PI 313850(L)	54	30.7	16.0	49.8	102.4	3.0	48.1	4.1	6.3	
8596	TACANA*2/PI 318695(W)	15	30.7	19.2	49.1	101.5	2.0	47.5	4.0	5.3	
8554	TACANA*2/PI 318695(W)	7	30.4	15.5	50.3	107.4	3.0	49.6	3.1	2.7	
8509	TACANA*2/PI 318695(W)	11	30.1	15.2	48.9	101.4	3.0	48.4	4.0	4.0	
8683	TACANA*/PI 313850(L)	38	30.1	17.6	48.1	99.0	2.0	50.2	4.1	4.3	
8611	TACANA*/PI 313850(L)	48	30.0	16.6	49.0	102.0	2.0	49.6	4.0	5.3	
8575	TACANA*2/PI 318695(W)	14	29.8	16.5	73.4	100.6	3.5	44.8	3.8	4.9	
8553	TACANA*2/PI 318695(W)	4	29.0	16.3	49.0	105.5	2.5	48.1	4.1	3.2	

EXPT.	3223 WHITE MOLD GENETIC TEST		PLANTING	DATE	6/17/2003						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WHITE MOLD	
8668	TACANA*/PI 313850(L)	36	28.9	18.1	46.5	97.1	1.5	48.1	5.1	2.2	
8639	TACANA*/PI 313850(L)	57	28.7	18.1	50.0	107.4	2.0	52.0	4.1	2.0	
8600	TACANA*/PI 313850(L)	5	28.5	15.5	48.5	104.5	2.5	50.1	4.0	3.7	
8527	TACANA*2/PI 318695(W)	20	28.4	15.9	46.4	99.9	2.5	47.6	3.6	5.0	
8515	TACANA*2/PI 318695(W)	19	28.3	16.9	47.6	98.9	2.5	46.0	3.9	6.5	
8638	TACANA*/PI 313850(L)	59	28.2	17.5	47.0	100.1	1.5	49.9	4.8	3.3	
8607	TACANA*/PI 313850(L)	31	28.2	17.5	48.0	105.0	2.5	47.9	3.5	2.3	
8523	TACANA*2/PI 318695(W)	8	27.9	16.1	48.9	101.5	2.0	49.0	4.1	3.7	
8508	TACANA*2/PI 318695(W)	30	27.7	12.8	47.0	101.5	2.5	47.2	3.1	6.5	
8673	TACANA*/PI 313850(L)	32	27.6	20.6	48.6	105.0	2.0	48.9	3.4	2.5	
8608	TACANA*/PI 313850(L)	56	27.2	16.5	50.0	99.0	2.0	48.4	4.4	3.1	
8571	TACANA*2/PI 318695(W)	1	27.1	14.7	47.9	100.5	2.5	46.5	4.6	4.1	
8537	TACANA*2/PI 318695(W)	9	26.5	16.6	48.6	102.6	2.5	48.1	3.5	4.6	
8599	TACANA*2/PI 318695(W)	29	26.2	14.5	45.0	99.2	2.0	48.8	3.8	5.0	
8506	TACANA*2/PI 318695(W)	16	25.8	14.3	47.9	103.4	2.0	49.9	4.0	4.3	
8679	TACANA*/PI 313850(L)	42	25.5	20.5	46.5	99.0	2.0	47.5	4.0	2.3	
8540	TACANA*2/PI 318695(W)	2	25.3	15.7	48.4	99.4	4.0	41.7	3.6	7.4	
139-1	TACANA*2/PI 318695(W)	12	24.9	16.8	46.6	97.0	2.0	46.5	3.4	4.7	
8507	TACANA*2/PI 318695(W)	28	24.8	13.7	71.6	98.1	2.0	47.3	3.3	4.7	
8504	TACANA*2/PI 318695(W)	23	24.8	15.6	48.4	105.6	2.0	54.3	3.8	4.0	
8557	TACANA*2/PI 318695(W)	22	24.2	16.1	45.5	99.2	2.5	49.2	4.3	4.7	
8535	TACANA*2/PI 318695(W)	10	23.9	16.0	46.6	96.5	2.0	46.6	3.6	5.2	
8516	TACANA*2/PI 318695(W)	24	23.8	16.5	50.0	107.3	2.5	51.5	3.6	2.4	
8633	TACANA*/PI 313850(L)	50	23.2	18.1	48.0	99.1	2.0	48.1	4.1	3.9	
181010	BUNSI	61	23.2	15.8	44.1	96.6	3.0	45.3	5.4	4.5	

EXPT.	3223 WHITE MOLD GENETIC TEST	PLANTING	DATE	6/17/2003							
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	WHITE MOLD	
8695	TACANA*/PI 313850(L)	60	23.0	22.5	49.0	102.4	2.0	55.9	4.0	5.8	
8601	TACANA*/PI 313850(L)	33	22.5	17.5	47.6	100.0	2.0	43.9	3.9	3.8	
8621	TACANA*/PI 313850(L)	40	21.9	17.4	46.6	100.1	2.0	47.0	4.5	4.6	
B90222	RAVEN	63	21.4	15.3	49.0	97.5	2.0	51.1	4.0	6.8	
8570	TACANA*2/PI 318695(W)	17	21.2	15.3	48.5	104.4	2.5	50.6	4.0	4.7	
8655	TACANA*/PI 313850(L)	44	20.9	17.9	45.5	96.9	3.0	44.3	4.0	2.4	
8636	TACANA*/PI 313850(L)	34	20.8	16.3	50.0	102.5	2.5	48.2	4.1	2.6	
8652	TACANA*/PI 313850(L)	51	19.5	17.7	48.5	99.9	2.5	46.1	3.1	5.2	
8501	TACANA*2/PI 318695(W)	27	19.5	13.2	48.4	105.9	3.0	45.6	3.0	4.5	
8538	TACANA*2/PI 318695(W)	21	17.7	14.9	47.0	103.0	3.5	45.9	2.9	6.0	
8635	TACANA*/PI 313850(L)	43	14.1	18.8	46.4	98.9	2.0	48.1	3.0	3.2	
8649	TACANA*/PI 313850(L)	41	12.3	15.7	47.4	97.0	2.0	43.6	1.6	6.6	
8640	TACANA*/PI 313850(L)	46	12.1	18.7	47.6	107.6	2.5	51.6	2.6	3.5	
8645	TACANA*/PI 313850(L)	47	9.1	12.8	47.0	95.0	2.0	40.1	1.0	5.6	
AVERAGE PRECEDING 64 MEANS			27.0	16.7	48.7	101.0	2.3	48.4	3.9	4.3	
LSD(P=.05)			6.7	2.0	7.1	2.5	0.6	2.1	0.8	1.8	
LSD(P=.01)			8.7	2.5	9.2	3.3	0.7	2.7	1.0	2.3	
COEFFICIENT OF VARIATION			15.2	7.2	8.9	1.5	15.0	2.6	12.0	25.0	

EXPT.	3224 CRANBERRY ROOT ROT	PLANTING	DATE	6/17/2003						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot Score
B98311	X98102/RAVEN	70	30.2	31.2	44.0	85.0	2.0	50.0	5.0	2.2
63v	C97907*2/NSL	53	28.5	49.0	40.0	90.0	2.9	46.5	5.5	4.7
61v	C97907*2/NSL	51	25.5	51.4	42.0	90.0	3.4	42.1	5.0	4.3
57v	C97907*2/NSL	47	25.4	43.0	46.0	85.0	3.0	45.2	4.5	4.2
67v	C97907*2/NSL	57	25.2	55.8	44.0	86.0	3.0	44.0	4.0	5.0
55	C97907*2/NSL	45	24.2	50.5	39.0	82.5	2.0	45.0	5.0	5.3
24v	C97907*2/NSL	19	24.2	50.3	41.0	88.0	3.0	47.5	5.0	2.8
60v	C97907*2/NSL	50	24.2	50.7	47.0	90.1	3.1	45.9	5.0	4.7
70	C97907*2/NSL	60	23.5	47.9	41.0	88.0	3.6	46.9	4.5	5.8
56v	C97907*2/NSL	46	23.5	50.6	42.0	86.0	2.9	45.1	5.0	5.0
34	C97907*2/NSL	29	23.3	54.8	39.0	82.0	2.1	45.9	5.0	4.2
62	C97907*2/NSL	52	22.9	45.6	38.0	83.0	2.6	42.9	3.5	5.6
3	C97907*2/NSL	2	22.5	48.6	38.0	86.0	1.9	43.0	4.5	5.6
C81008	TAYLOR HORT	66	22.5	53.5	38.0	82.5	1.4	44.9	5.0	4.0
75	C97907*2/NSL	63	22.4	42.3	38.0	90.0	2.0	45.6	5.0	4.2
C99833	CARDINAL/K94803	67	22.3	58.6	38.0	83.0	1.5	46.6	5.0	6.1
66v	C97907*2/NSL	56	22.2	45.4	47.0	89.0	3.5	44.5	4.5	4.6
53	C97907*2/NSL	43	22.2	50.6	40.0	82.0	1.9	43.6	4.5	4.3
59v	C97907*2/NSL	49	22.2	36.2	42.0	90.0	3.5	45.5	5.0	5.1
52	C97907*2/NSL	42	22.0	51.5	38.0	82.5	2.5	43.6	3.5	3.8
47	C97907*2/NSL	40	22.0	38.2	38.0	84.0	1.5	44.1	3.5	5.0
54	C97907*2/NSL	44	22.0	39.5	38.0	82.6	2.0	44.0	3.5	5.4
71v	C97907*2/NSL	61	21.9	38.3	38.0	90.0	3.5	45.2	4.5	4.0
29	C97907*2/NSL	24	20.9	58.4	38.0	81.0	2.0	44.1	4.5	4.4
68v	C97907*2/NSL	58	20.7	56.4	39.0	90.0	3.5	43.4	4.5	3.9

EXPT.	3224 CRANBERRY ROOT ROT		PLANTING	DATE	6/17/2003					
ENTRY	NAMES	NO.	YIELD CWT/ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot Score
4	C97907*2/NSL	3	20.4	56.1	39.0	81.0	2.0	43.3	4.0	6.4
65	C97907*2/NSL	55	20.3	50.2	39.0	85.0	1.6	45.4	3.5	3.6
28	C97907*2/NSL	23	20.3	67.7	39.0	85.4	2.6	43.4	3.0	5.2
32	C97907*2/NSL	27	19.9	44.5	39.0	83.0	2.1	43.4	4.0	5.3
9	C97907*2/NSL	8	19.9	51.1	38.0	85.0	2.0	44.0	4.5	5.0
26	C97907*2/NSL	21	19.7	52.5	41.0	86.0	2.4	44.2	4.0	3.3
17	C97907*2/NSL	16	19.7	49.2	38.0	80.9	1.6	43.0	4.0	5.0
5	C97907*2/NSL	4	19.6	50.2	39.0	82.0	2.0	43.6	5.0	4.2
76	C97907*2/NSL	64	19.5	48.3	38.0	82.0	2.0	44.5	5.0	4.8
58v	C97907*2/NSL	48	19.4	42.8	38.0	81.0	2.0	44.4	5.0	3.9
19	C97907*2/NSL	18	19.4	50.4	39.0	81.0	2.0	45.1	5.0	5.7
42	C97907*2/NSL	37	19.3	47.3	39.0	81.0	1.9	43.1	4.0	4.9
18	C97907*2/NSL	17	19.2	46.0	38.0	79.0	1.6	43.2	3.5	4.4
11	C97907*2/NSL	10	19.1	57.8	38.0	86.0	2.0	46.1	4.5	6.8
30	C97907*2/NSL	25	18.8	45.2	40.0	86.1	2.0	42.0	3.5	4.4
25	C97907*2/NSL	20	18.7	41.7	40.0	86.0	1.5	44.1	4.0	5.1
38	C97907*2/NSL	33	18.6	48.4	38.0	83.0	2.0	44.0	4.5	6.2
46	C97907*2/NSL	71v	18.6	40.7	39.0	84.6	2.0	43.4	3.5	5.8
14	C97907*2/NSL	13	18.6	49.0	39.0	83.0	2.5	43.0	3.0	5.2
K74002	MONTCALM	69	18.5	49.4	41.0	85.0	2.0	46.6	4.5	5.2
36	C97907*2/NSL	31	18.5	52.8	39.0	85.0	3.0	43.1	3.0	5.0
10	C97907*2/NSL	9	18.4	48.1	40.0	86.0	2.5	44.9	3.5	4.8
45	C97907*2/NSL	39	18.3	55.3	38.0	84.0	2.0	42.0	3.5	5.0
49	C97907*2/NSL	41	18.3	50.6	42.0	84.5	2.0	43.4	3.5	3.6
31	C97907*2/NSL	26	18.3	48.5	38.0	83.0	2.0	44.0	3.5	5.3

EXPT.	3224 CRANBERRY ROOT ROT		PLANTING	DATE	6/17/2003					
ENTRY	NAMES	NO.	YIELD CWT/ACRE	100 SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot Score
C97407	C92167/THORT	65	18.2	44.7	38.0	81.0	1.1	44.8	4.0	4.1
8	C97907*2/NSL	7	18.2	42.2	38.0	83.1	2.0	45.0	4.0	5.6
7	C97907*2/NSL	6	18.1	51.3	38.0	86.0	3.0	41.4	3.0	5.2
12	C97907*2/NSL	11	17.8	48.5	38.0	83.5	2.0	43.1	3.5	5.3
35	C97907*2/NSL	30	17.4	45.1	38.0	82.0	1.9	42.0	3.0	3.8
33	C97907*2/NSL	28	17.2	45.2	42.0	81.1	2.0	43.1	3.5	5.6
69	C97907*2/NSL	59v	16.9	50.6	39.0	83.0	2.5	42.5	3.0	4.9
74	C97907*2/NSL	62	16.9	53.4	40.0	84.9	2.0	45.5	4.0	4.7
27	C97907*2/NSL	22	16.4	47.6	39.0	85.0	2.0	43.6	4.5	5.1
44	C97907*2/NSL	38	16.4	49.2	38.0	82.0	2.0	42.9	4.0	5.6
37	C97907*2/NSL	32	16.2	60.2	41.0	86.0	2.6	43.2	3.5	5.0
64	C97907*2/NSL	54	16.1	34.0	39.0	86.0	1.6	44.4	4.0	4.1
40	C97907*2/NSL	35	15.8	55.7	38.0	80.9	1.6	44.4	4.0	5.7
15	C97907*2/NSL	14	15.8	41.0	41.0	83.0	2.0	42.9	3.5	5.2
6	C97907*2/NSL	5	15.4	42.0	38.0	83.1	2.5	42.5	3.0	6.3
41	C97907*2/NSL	36	15.3	51.9	40.0	86.0	2.0	43.4	2.5	5.3
16	C97907*2/NSL	15	14.5	36.9	38.0	79.5	1.5	42.0	3.5	5.2
39	C97907*2/NSL	34	14.4	44.3	40.0	82.0	2.0	42.1	2.5	6.0
48	C97907*2/NSL	72	14.4	49.6	40.0	82.9	2.0	43.0	4.5	6.7
186216	FR266 (SNP)	68	13.7	42.4	40.0	85.9	2.5	46.1	2.5	5.6
1	C97907*2/NSL	1	11.1	53.7	40.0	86.0	2.0	41.2	2.0	6.2
13	C97907*2/NSL	12	10.1	44.4	40.0	82.0	2.5	40.5	2.0	6.2
AVERAGE 72 MEANS			19.6	48.3	39.6	84.3	2.2	44.1	4.0	4.9
LSD (P=.05)			4.6	12.1	0.4	1.0	0.6	1.5	0.9	1.9
LSD(P=.01)			5.9	15.7	0.5	1.3	0.8	1.9	1.2	2.3
COEFFICIENT OF VARIATION			14.2	15.3	0.6	0.7	17.1	2.1	13.8	23.6

EXPT.	3225 KIDNEY ROOT ROT TEST	PLANTING	DATE	6/17/2003						
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot Scores
B98311	X98102/RAVEN	97	32.1	21.5	44.0	86.5	1.9	30.2	5.0	3.7
I98501	TLP-19(MEXICO)	94	28.9	15.6	45.0	88.0	3.1	31.1	4.7	4.8
122	RED HAWK *2/NSL	22	24.7	40.7	38.0	83.0	2.0	45.5	4.6	6.0
144	RED HAWK *2/NSL	44	23.6	41.2	38.0	84.5	2.0	46.0	5.5	5.7
149	RED HAWK *2/NSL	49	23.5	29.5	42.0	82.0	1.5	46.0	4.0	3.4
135	RED HAWK *2/NSL	35	23.1	39.0	39.0	83.5	2.0	45.0	5.0	5.8
188	RED HAWK *2/NSL	88	22.9	44.8	38.0	84.5	2.0	44.0	4.0	5.8
102	RED HAWK *2/NSL	2	22.8	47.2	38.0	82.5	2.1	44.5	4.1	6.4
184	RED HAWK *2/NSL	84	22.6	39.9	38.0	79.5	2.0	46.0	4.6	5.4
153v	RED HAWK *2/NSL	53	22.5	43.6	40.0	84.0	2.9	46.0	3.9	3.0
181	RED HAWK *2/NSL	81	22.5	35.2	38.0	83.0	2.0	46.0	5.5	5.3
178	RED HAWK *2/NSL	78	22.3	42.2	38.0	85.0	2.5	45.0	5.0	5.7
148	RED HAWK *2/NSL	48	22.2	45.3	40.0	84.0	2.9	44.1	3.5	4.1
106	RED HAWK *2/NSL	6	22.0	44.3	39.0	83.5	2.1	45.5	5.1	5.3
141	RED HAWK *2/NSL	41	21.9	40.8	38.0	85.5	2.4	45.0	4.4	5.7
182	RED HAWK *2/NSL	82	21.8	37.8	42.0	83.0	2.6	46.5	4.5	5.2
161	RED HAWK *2/NSL	61	21.8	43.8	39.0	84.0	2.0	44.0	4.5	6.1
143	RED HAWK *2/NSL	43	21.7	39.8	38.0	84.5	2.0	45.4	4.4	4.3
187	RED HAWK *2/NSL	87	21.6	41.6	38.0	76.0	2.0	45.0	4.9	4.8
114v	RED HAWK *2/NSL	14	21.5	38.1	42.0	82.5	3.4	45.0	4.0	5.3
124	RED HAWK *2/NSL	24	21.4	35.7	38.0	84.0	2.0	44.5	5.1	5.8
140	RED HAWK *2/NSL	40	21.2	40.2	38.0	78.0	2.0	45.5	3.9	4.1
142	RED HAWK *2/NSL	42	21.0	38.0	40.0	84.0	2.1	44.5	4.9	5.8
189	RED HAWK *2/NSL	89	20.8	40.1	39.0	83.0	2.0	44.5	4.0	4.4
166	RED HAWK *2/NSL	66	20.8	39.0	38.0	78.5	2.0	43.0	3.9	6.0

EXPT.	3225 KIDNEY ROOT ROT TEST		PLANTING	DATE	6/17/2003						
ENTRY	NAMES	NO.	YIELD CWT/ACRE	SEED SIZE	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot scores	
157v	RED HAWK *2/NSL	57	20.8	42.4	38.0	83.0	2.0	44.9	3.4	4.6	
177	RED HAWK *2/NSL	77	20.6	33.8	42.0	84.0	2.0	47.5	5.0	6.3	
121	RED HAWK *2/NSL	21	20.5	38.4	38.0	82.0	2.0	46.0	4.1	5.8	
130	RED HAWK *2/NSL	30	20.4	28.4	39.0	84.0	1.9	44.0	5.5	5.9	
170	RED HAWK *2/NSL	70	20.3	45.3	39.0	85.5	2.1	46.4	4.9	5.9	
167	RED HAWK *2/NSL	67	20.2	28.5	41.0	78.0	0.9	45.5	5.0	5.6	
128	RED HAWK *2/NSL	28	20.1	39.1	39.0	83.5	1.9	43.5	4.5	5.2	
125	RED HAWK *2/NSL	25	20.1	36.6	38.0	83.0	2.5	43.5	3.5	6.3	
139	RED HAWK *2/NSL	39	20.0	33.5	41.0	86.0	1.5	44.1	4.2	6.2	
183	RED HAWK *2/NSL	83	19.7	40.8	40.0	84.0	2.1	45.5	3.4	5.2	
101v	RED HAWK *2/NSL	1	19.7	45.8	41.0	85.5	3.0	46.1	4.1	6.1	
105v	RED HAWK *2/NSL	5	19.4	45.5	46.0	84.0	3.1	45.1	4.1	5.2	
186	RED HAWK *2/NSL	86	19.4	33.7	40.0	86.0	2.0	43.0	3.6	4.9	
103v	RED HAWK *2/NSL	3	19.4	39.3	43.0	83.0	3.0	45.5	4.0	5.3	
108v	RED HAWK *2/NSL	8	19.3	41.6	48.0	75.5	3.0	44.0	3.5	6.6	
104v	RED HAWK *2/NSL	4	19.3	44.4	38.0	87.0	3.0	44.0	3.5	5.9	
171	RED HAWK *2/NSL	71	19.3	40.3	38.0	86.0	2.0	45.5	5.5	4.6	
K90101	CHAR/2*MONT, RED HAWK	92	19.3	42.0	38.0	83.0	2.0	45.0	4.5	5.6	
126	RED HAWK *2/NSL	26	19.2	36.8	38.0	83.5	2.0	44.6	4.6	5.6	
123	RED HAWK *2/NSL	23	19.2	39.8	40.0	77.0	2.0	44.0	3.9	5.3	
120	RED HAWK *2/NSL	20	19.1	35.5	40.0	80.5	1.9	44.0	4.9	6.0	
163	RED HAWK *2/NSL	63	19.1	35.6	41.0	84.0	2.0	43.6	3.7	4.9	
113v	RED HAWK *2/NSL	13	19.1	39.0	46.0	81.0	3.0	47.0	3.9	4.9	
175	RED HAWK *2/NSL	75	18.7	42.3	38.0	84.5	1.1	42.5	3.0	6.8	
137	RED HAWK *2/NSL	37	18.6	38.6	38.0	83.0	2.0	44.0	4.9	5.6	

EXPT.	3225 KIDNEY ROOT ROT TEST		PLANTING	DATE	6/17/2003					
ENTRY	ENTRY NAMES	NO.	YIELD CWT/ACRE	SEED SIZE	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot scores
155v	RED HAWK *2/NSL	55	18.6	39.5	39.0	82.5	2.0	44.4	3.0	5.4
180	RED HAWK *2/NSL	80	18.5	37.7	38.0	83.5	2.0	43.4	3.5	5.3
154v	RED HAWK *2/NSL	54	18.4	41.4	41.0	84.5	3.0	43.5	3.4	5.4
110v	RED HAWK *2/NSL	10	18.3	36.1	44.0	84.0	3.0	45.4	3.5	6.2
190	RED HAWK *2/NSL	90	18.2	41.2	42.0	86.0	2.1	45.6	5.2	6.3
156v	RED HAWK *2/NSL	56	18.1	38.2	38.0	87.0	2.0	41.0	2.6	4.6
162	RED HAWK *2/NSL	62	18.1	47.8	38.0	81.0	1.5	43.0	2.5	5.3
K74002	MONTCALM	99	17.8	45.4	39.0	84.0	2.0	47.0	4.9	5.8
165	RED HAWK *2/NSL	65	17.8	37.0	38.0	84.0	1.5	44.0	5.0	5.6
172	RED HAWK *2/NSL	72	17.8	33.2	38.0	84.0	2.0	43.5	4.0	4.9
129	RED HAWK *2/NSL	29	17.5	33.7	39.0	80.5	1.9	44.1	4.0	6.3
117	RED HAWK *2/NSL	17	17.5	36.2	41.0	82.5	1.9	45.1	5.0	5.8
127	RED HAWK *2/NSL	27	17.4	38.0	38.0	74.5	1.9	42.5	4.1	6.0
119	RED HAWK *2/NSL	19	17.3	36.0	38.0	85.5	1.9	44.5	3.9	4.8
158	RED HAWK *2/NSL	58	17.3	39.6	39.0	84.0	2.5	43.6	3.6	5.0
109	RED HAWK *2/NSL	9	17.1	39.9	39.0	85.5	2.0	44.0	3.9	5.3
C81008	TAYLOR HORT	100	16.9	37.2	38.0	86.0	2.0	42.4	3.9	4.8
160	RED HAWK *2/NSL	60	16.9	34.4	38.0	83.0	1.5	43.9	4.4	6.2
116v	RED HAWK *2/NSL	16	16.9	34.4	44.0	87.0	4.5	44.0	2.6	4.0
134	RED HAWK *2/NSL	34	16.8	42.3	38.0	78.5	2.0	45.5	4.5	5.3
152	RED HAWK *2/NSL	52	16.8	37.2	41.0	85.0	2.4	42.0	3.4	4.6
131	RED HAWK *2/NSL	31	16.6	38.0	38.0	81.0	1.5	43.0	3.6	6.9
133	RED HAWK *2/NSL	33	16.5	38.7	38.0	74.0	1.0	43.9	4.4	5.6
168	RED HAWK *2/NSL	68	16.5	32.7	38.0	84.0	1.5	44.0	4.0	5.2
138	RED HAWK *2/NSL	38	16.5	30.9	42.0	87.0	3.5	42.0	2.9	4.0

EXPT.	3225 KIDNEY ROOT ROT TEST		PLANTING	DATE	6/17/2003						
ENTRY	ENTRY NAMES	NO.	YIELD CWT/ACRE	SEED SIZE	DAYS TO FLOWER	DAYS TO MATURITY	LODGING	HEIGHT	DES. SCORE	Root Rot scores	
107v	RED HAWK *2/NSL	7	16.4	48.8	40.0	84.0	2.5	47.0	4.0	5.8	
136	RED HAWK *2/NSL	36	16.4	33.9	39.0	81.0	2.0	43.9	3.4	5.1	
159	RED HAWK *2/NSL	59	16.4	36.3	38.0	83.0	2.0	45.0	4.0	6.3	
145	RED HAWK *2/NSL	45	16.3	30.1	38.0	86.0	2.1	42.0	3.6	5.2	
115	RED HAWK *2/NSL	15	16.2	39.6	38.0	83.0	1.5	42.4	3.5	5.7	
176	RED HAWK *2/NSL	76	16.1	40.7	38.0	83.5	2.1	43.9	3.9	6.2	
111v	RED HAWK *2/NSL	11	16.1	40.1	38.0	83.0	2.5	45.5	4.0	5.4	
164	RED HAWK *2/NSL	64	15.8	40.6	34.0	83.5	1.5	43.0	3.5	6.7	
118	RED HAWK *2/NSL	18	15.4	40.3	38.0	74.0	1.5	43.0	3.6	5.8	
173	RED HAWK *2/NSL	73	15.3	30.8	42.0	82.0	2.1	45.0	4.0	5.6	
185	RED HAWK *2/NSL	85	15.1	35.4	38.0	80.5	2.0	43.4	3.4	4.2	
150	RED HAWK *2/NSL	50	14.9	36.0	38.0	83.0	1.9	42.6	3.0	5.2	
132	RED HAWK *2/NSL	32	14.8	64.9	40.0	72.5	2.5	43.6	3.5	5.4	
146	RED HAWK *2/NSL	46	14.5	32.2	41.0	84.0	2.0	41.0	3.0	5.6	
K90902	BEA/50B1807//LASSEN, BELUGA	93	14.3	39.0	41.0	82.0	2.0	46.0	5.0	4.9	
191	RED HAWK *2/NSL	91	14.0	38.6	38.0	88.0	2.5	42.9	2.4	5.9	
147	RED HAWK *2/NSL	47	13.9	36.3	41.0	87.0	1.9	45.5	4.0	5.3	
169	RED HAWK *2/NSL	69	13.7	28.8	40.0	83.5	1.6	44.0	3.5	3.1	
7599-8	RED HAWK *2/NSL	95	13.4	31.1	42.0	81.5	2.0	46.9	4.9	6.2	
112v	RED HAWK *2/NSL	12	13.4	38.5	39.0	79.0	3.0	45.9	3.4	6.1	
174	RED HAWK *2/NSL	74	12.2	30.2	38.0	85.5	2.0	45.0	4.5	4.7	
151v	RED HAWK *2/NSL	51	12.2	40.8	38.5	83.0	2.6	42.5	2.4	5.8	
I86216	FR266 (SNP)	96	11.3	28.5	42.0	86.0	2.5	47.6	2.7	2.4	
179	RED HAWK *2/NSL	79	10.8	27.5	41.0	84.0	2.0	43.9	3.5	5.3	
I98531	NSL, NEGRO BOLA ,MEX,RRR	98	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.1	
AVERAGE OF 100 MEANS			18.6	37.8	39.6	83.0	2.2	44.6	4.1	5.3	
LSD (P=.05)			5.6	9.3	0.7	3.1	0.4	1.8	0.8	1.9	
LSD(P=.01)			7.3	12.1	0.9	4.1	0.6	2.3	1.1	2.2	
COEFFICIENT OF VARIATION			18.4	15.0	1.1	2.3	12.4	2.4	12.5	23.0	

EXPT.	3326 COMMON BLIGHT TEST	PLANTING	DATE	5/27/2003								
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGE	HEIGHT	DES. SCORE	COMMON BLIGHT LEAF	MARKER POD SU91	
B03625	B98306/X00821	8	25.0	22.1	48.6	96.4	1.0	45.5	4.3	3.96	0.91	+
B03645	B00136/X00821	29	23.8	20.0	50.0	94.4	1.0	44.6	5.3	3.06	1.00	-
B03613	N99219/X00821	4	23.7	22.4	48.4	92.9	1.0	44.5	5.3	4.52	1.00	-
B03629	PHANTOM/X00821	14	23.0	23.4	48.3	92.0	1.0	43.1	4.3	4.84	1.01	-
B95204	RAVEN/N90618, PHANTOM	34	22.8	19.3	49.1	93.5	1.0	45.7	5.3	4.50	1.01	-
B00136	JAGUAR//BLACKMAGIC/SEL1308	35	22.5	19.1	47.6	94.4	1.0	44.6	5.0	4.60	1.08	-
B03635	PHANTOM/X00821	15	22.1	24.0	48.5	95.9	1.0	46.2	4.7	3.38	0.92	-
B03623	B98306/X00821	10	21.9	19.4	48.6	95.3	1.0	45.5	5.0	4.05	1.00	-
B03638	PHANTOM/X00822	23	21.6	20.5	48.9	92.5	1.0	44.3	5.0	4.63	1.01	-
B03630	PHANTOM/X00821	16	21.4	21.5	49.0	93.9	1.0	46.3	5.0	3.43	0.96	+
B03631	PHANTOM/X00821	13	21.4	24.5	48.6	93.6	1.0	45.4	5.3	4.41	0.86	+
B03644	B00136/X00821	26	21.3	22.2	52.0	95.8	1.3	45.5	4.7	2.90	1.00	-
N99219	VISTA/N95653	30	20.7	17.6	49.9	95.4	1.0	44.0	6.0	4.10	1.00	-
B98306	CRESTWOOD/X95409(SEL1306)	33	20.2	18.8	49.2	95.3	1.0	43.9	4.3	3.99	1.00	-
B03637	PHANTOM/X00822	20	20.2	20.2	48.4	95.3	1.0	45.6	5.0	3.02	1.00	+
I84002	OTHELLO	36	20.0	37.5	47.8	90.8	1.3	41.1	3.7	5.99	0.84	-
B03633	PHANTOM/X00821	18	20.0	22.4	49.3	95.5	1.0	45.5	5.0	3.06	0.96	+
B03642	B00136/X00821	24	20.0	22.0	48.8	92.7	1.0	42.3	5.0	3.55	1.17	+
I98505	VAX-5 CIAT	38	20.0	23.2	49.7	96.0	1.3	47.0	4.3	3.06	1.09	+
X00821	B98311/VAX5, 99L91-47	31	19.9	23.3	48.6	95.1	1.0	47.0	4.0	3.34	0.92	+
B03647	B00136/X00821	28	19.5	20.6	48.7	92.9	1.0	44.5	5.3	3.81	1.06	-
B03643	B00136/X00821	25	19.1	20.3	49.0	95.8	1.0	44.4	5.0	3.38	0.92	+
B03641	B00136/X00821	37	19.1	20.1	48.6	94.8	1.0	45.3	5.3	3.43	1.00	-
N03618	N99219/X00821	6	19.0	20.1	49.6	96.2	1.0	45.0	5.3	4.49	1.00	-
N03616	N99219/X00821	5	18.9	17.2	50.9	96.6	1.0	45.3	4.7	3.78	1.00	-

EXPT.	3326 COMMON BLIGHT TEST	PLANTING	DATE	5/27/2003								
ENTRY	PEDIGREE, NAME	NO.	YIELD CWT/ACRE	SEED WT.	DAYS TO FLOWER	DAYS TO MATURITY	LODGE	HEIGHT	DES. SCORE	COMMON BLIGHT LEAF	MARKER POD SU91	
B03634	PHANTOM/X00821	19	18.8	20.8	49.0	96.4	1.0	45.4	4.0	3.74	1.00	+
B03620	B98306/X00821	9	18.7	20.8	49.3	94.9	1.0	43.3	4.3	4.73	1.00	-
N03614	N99219/X00821	2	18.6	17.3	47.6	94.2	1.0	44.1	5.7	3.47	1.17	+
B03627	B98306/X00821	11	18.6	21.3	48.8	93.8	1.0	42.7	5.0	3.57	1.00	-
B03632	PHANTOM/X00821	17	18.5	19.7	48.4	94.2	1.0	45.4	5.0	3.34	1.00	+
X00822	B98311/VAX5, 99L91-45,	32	18.3	22.4	49.0	96.5	2.0	46.4	4.0	3.03	1.33	+
N03611	N99219/X00821	1	18.2	18.8	49.5	96.8	1.0	45.8	5.0	3.12	1.00	+
B03622	B98306/X00821	7	18.0	22.5	49.2	95.4	1.0	44.1	4.3	3.85	0.92	+
B03639	PHANTOM/X00822	21	17.7	21.6	48.8	94.9	1.0	44.7	5.0	3.37	0.94	+
B03628	PHANTOM/X00821	12	17.6	23.2	49.5	93.0	1.0	44.3	4.7	4.35	0.75	+
B03646	B00136/X00821	27	17.5	19.8	49.3	95.9	1.0	46.2	5.0	4.11	1.00	-
B03636	PHANTOM/X00822	22	16.8	20.0	49.9	95.6	1.0	45.8	4.3	4.87	1.09	-
I99509	XAN159 CIAT	40	16.3	24.7	49.1	97.4	3.0	43.4	3.7	3.20	0.96	+
N03617	N99219/X00821	3	15.9	19.5	49.1	96.5	1.0	45.0	4.7	3.60	0.95	+
I99224	HR45,CBBR.,AGCANADA	39	15.1	23.5	47.9	96.3	1.0	41.0	4.0	2.30	0.79	+
I83014	SEA/CSW,WGT 7901, MIDLAND	41	14.9	17.4	46.8	95.9	1.0	44.4	4.3	7.30	1.67	-
I83014	SEA/CSW,WGT 7901, MIDLAND	42	13.2	17.4	46.8	95.3	1.0	43.6	4.3	7.63	2.38	-
AVERAGE OF PRECEDING 42 MEAN			19.5	21.3	48.9	94.9	1.1	44.7	4.8	3.97	1.04	
LSD(P=.05)			3.6	1.6	1.3	1.8	0.3	1.7	0.9			
LSD(P=.01)			4.7	2.1	1.7	2.4	0.3	2.2	1.2			
COEFFICIENT OF VARIATION			11.4	4.6	1.6	1.2	14.3	2.3	12.1			