

Treatment Number	Treatment Name	Type	Yield Rank	Yield (kg/ha)	Percentage of Average	Yield / Maturity	Seed	100	Lodging	Harvestability	Suitability	Days to Maturity	Maturity
							Quality (1-5)	Seed Weight			For Direct Harvest		
41	PROVR09303	SR	1	3813	120	41	3.0	31.8	1.6	1.3	VG	93	E
40	PROVR09304	SR	2	3630	115	40	2.7	34.4	2.9	2.5	G	91	E
2	HMS Medalist	White	3	3595	113	35	2.0	22.8	1.3	1.3	VG	104	M
16	COOPN08070	White	4	3528	111	35	2.0	24.2	1.3	2.0	VG	100	M
28	COOPB04352	Black	5	3495	110	35	1.4	19.2	1.0	1.6	VG	100	M
20	Zorro	Black	6	3470	110	35	1.9	23.0	0.9	1.7	VG	99	M
29	COOPB06252	Black	7	3425	108	36	2.1	20.4	1.8	1.5	VG	94	E
27	MSUB11343	Black	8	3413	108	35	2.0	24.1	1.5	1.9	VG	97	M
37	S03-W4	Soybean	9	3390	107	34	2.3	19.7	1.0	1.1	E	98	M
21	Shania	Black	10	3323	105	33	2.1	23.1	1.0	1.4	VG	100	M
17	COOPN08072	White	11	3311	105	34	2.0	22.9	1.4	1.3	VG	97	M
15	COOPN07073	White	12	3301	104	34	2.2	19.7	1.2	1.6	VG	98	M
35	AMDB8038279 (ADMB8279)	Black	13	3288	104	35	2.0	21.2	1.0	1.4	VG	94	E
42	La Paz	Pinto	14	3286	104	35	2.9	44.0	1.7	1.2	VG	95	M
26	MSUB10244	Black	15	3283	104	33	2.0	24.8	1.2	1.7	VG	99	M
23	SEMB1313	Black	16	3283	104	34	2.1	25.4	1.1	2.0	VG	96	M
25	MSUB09175	Black	17	3271	103	34	2.0	27.2	1.2	1.3	VG	98	M
19	GTS4179	White	18	3265	103	31	2.0	24.2	2.7	2.1	VG	104	L
22	Black Velvet	Black	19	3221	102	33	1.9	26.4	0.9	1.1	E	97	M
1	Apex	White	20	3212	101	31	2.1	25.7	1.1	1.6	VG	102	L
5	Rexeter	White	21	3199	101	31	2.0	22.1	1.2	1.6	VG	102	L
12	MSUN11258	White	22	3196	101	32	2.0	21.3	1.0	1.1	E	101	M
30	ACUG 10-B3	Black	23	3181	100	32	2.0	22.2	1.6	1.7	VG	98	M
13	MSUN11298	White	24	3178	100	32	2.0	22.6	1.1	1.5	VG	99	M
7	AMDN8118340 (ADMN8340)	White	25	3172	100	32	2.0	22.2	1.0	1.8	VG	98	M
24	SEMB1312	Black	26	3095	98	32	2.1	23.8	1.1	1.5	VG	97	M
34	AMDB8039279 (ADMB9279)	Black	27	3092	98	32	2.0	22.4	1.0	1.1	E	97	M
6	Indi	White	28	3089	98	33	2.0	20.7	0.9	1.3	VG	94	E
10	SEMN1200	White	29	3070	97	29	2.1	25.4	1.0	1.6	VG	105	L
31	Eclipse	Black	30	3064	97	33	1.9	21.3	1.1	1.3	VG	93	E
14	MSUN11228	White	31	3018	95	31	2.1	18.4	0.9	1.3	VG	97	M
39	Merlot	SR	32	3010	95	31	3.4	44.6	2.5	1.7	VG	96	M
9	AMDN8120345 (ADMN0345)	White	33	2983	94	30	2.0	23.4	1.0	1.8	VG	100	M
4	ACUG 10-6	White	34	2935	93	29	2.0	24.1	1.0	1.2	VG	101	M
33	HRC 12-N	White	35	2926	92	31	1.8	23.2	1.0	1.5	VG	94	E
8	AMDN8118333 (ADMN8333)	White	36	2921	92	30	2.0	23.2	1.4	1.8	VG	99	M
36	AMDB5054545 (ADMB4545)	Black	37	2823	89	30	2.0	23.6	1.0	1.4	VG	93	E
11	SEMN1246	White	38	2780	88	28	1.9	23.7	1.3	0.9	E	99	M
32	HRC 12B1	Black	39	2729	86	28	1.9	24.8	1.8	2.1	VG	96	M
3	AC Compass	White	40	2704	85	27	1.9	21.2	3.0	2.8	G	100	M
38	Fuji	Otebo	41	2621	83	26	2.7	36.9	4.7	4.6	P	100	M
18	GTS3976	White	42	2465	78	24	2.0	21.2	1.1	2.5	G	102	L

Seed Quality: 1 = good 5 = poor

	Mean	3168	22	1.3	24.7	1.4	1.7	98
Mean +/- one half LSDof yield	C.V.	7.4		31.2	3.6	20.6	26.7	2.6
Pick consists of distorted seed as a result of blight,white mold etc. damage	PR > F	0.00		0.00	0.00	0.00	0.00	0.00
	LSD(0.05)	276		0.5	1.0	0.3	0.5	3

Ozone: 1-10, 1 = none 10 = total leaf coverage

Maturity: <95=E, 95-101=M, >101=L

Suitability for Direct Harvest <1.2=Excellent, 1.2-2.2=VeryGood, 2.3-3.3=Good, >3.3= Poor

Trial Summary

Design: RCBD (nearest neighbour)
 Row Width: Narrow = 15 inch (37 cms)
 Number of Rows Per Plot: 6
 Number of Rows Harvested Per Plot: 4
 Plot Length: 6m.
 Harvest Length: 4m.
 Seeding Rate: 20 seeds / m.
 Seed Treatment: Cruiser, ApronMaxx and Dynasty (1g.ai)
 Planting Date: June 7

Fertilizer: 45-120-140 NPK, actual ppi
 liquid 3- 12- 3 actual at seeding (June 7)
 Herbicide: ppi. Dual .5 L/ha & Rival Dual .7 L/ha
 Herbicide: post Reflex 1 L/ha (June 27)
 Dessicant: Aim 100 mL/ha.
 Ag Surf 425 mL/ha
 Roundup T. 1.5 L/ha (Sept. 25)
 Harvest Date: Oct. 4
 Fungicide: Headline .4 L/ha. Allegro 1 L/ha (July 6)
 Cygon 1 L/ha. Matador 43 ml/ha (July 6)
 Crop Booster 1.5 L/ha. (July 6)

Fungicide: Quadris .5 L/ha. Lance 770g/ha (July 20)
 Cygon 1 L/ha. Matador 43 ml/ha (July 20)
 Crop Booster 1.5 L/ha. (July 20)
 Fungicide: Headline .4 L/ha. Allegro 1 L/ha (Aug 4)
 Cygon 1 L/ha. Matador 43 ml/ha (Aug 4)
 Crop Booster 1.5 L/ha. (Aug 4)
 Parasol 2.25 kg/ha. (Aug. 4)
 Fungicide: Headline .4 L/ha. Allegro 1 L/ha (Aug 16)
 Cygon 1 L/ha. , Matador 43 ml/ha (Aug 16)