

Treatment Number	Treatment Name	Type	Yield Rank	Yield (kg/ha)	Percentage of Average	Yield / Maturity	Seed Quality (1-5)	100 Seed Weight	Lodging	Harvestability	Suitability For Direct Harvest	Days to Maturity	Maturity
22	Jet Black	Black	1	4575	119	43	1.4	24.8	2.0	1.6	VG	107	L
23	GTS 1103(COB 214-99)	Black	2	4366	113	45	1.6	23.4	2.8	2.0	VG	97	M
25	MSUB09197	Black	3	4358	113	45	1.3	24.3	1.2	1.1	E	97	M
9	COOPN02084	White	4	4151	108	43	1.3	21.8	1.5	1.1	E	96	M
20	Black Velvet	Black	5	4145	107	39	1.5	27.1	2.1	1.3	E	107	L
8	COOPN03019	White	6	4065	105	42	1.3	21.4	1.5	1.4	E	97	M
24	COB 2159-00	Black	7	4061	105	39	2.0	28.8	4.3	4.5	P	103	L
27	La Paz	Pinto	8	4032	105	43	1.5	39.6	3.3	2.9	VG	94	E
17	Zorro	Black	9	3977	103	41	1.2	24.0	1.4	1.3	E	96	M
3	HRN 4958	White	10	3966	103	39	1.1	21.1	2.1	1.3	E	101	L
21	Shania	Black	11	3960	103	38	1.4	23.3	2.0	1.1	E	104	L
12	ADMN5039540 (ADMN 503)	White	12	3958	103	41	1.1	20.9	1.1	1.4	E	97	M
7	HMS Medalist	White	13	3955	103	41	1.1	19.5	2.3	1.8	VG	96	M
26	MSUB09204	Black	14	3948	102	41	1.4	23.0	1.2	1.2	E	97	M
16	Eclipse	Black	15	3944	102	42	1.3	21.2	1.3	1.4	E	93	E
4	HRN 5143	White	16	3903	101	39	1.2	21.0	1.6	1.2	E	99	M
18	Loreto	Black	17	3849	100	37	1.4	22.3	3.0	1.8	VG	103	L
19	Condor	Black	18	3848	100	40	1.4	22.9	2.8	2.4	VG	97	M
14	MSUN08007	White	19	3796	98	38	1.1	22.1	1.4	1.8	VG	99	M
1	AC Compass	White	20	3715	96	40	1.4	20.8	2.4	1.8	VG	92	E
2	HRN 5008	White	21	3658	95	37	1.0	21.0	1.3	1.5	VG	99	M
30	COOPG05106	GN	22	3650	95	39	2.3	40.1	4.1	3.7	P	95	E
15	MSUN09056	White	23	3647	95	38	1.3	23.4	1.6	1.1	E	96	M
10	SEMN1008	White	24	3587	93	37	2.0	18.9	4.8	4.7	P	96	M
6	HRN 4170	White	25	3567	92	37	1.0	20.7	1.5	1.5	VG	97	M
11	SEMN 1009	White	26	3501	91	36	1.1	21.6	3.0	1.7	VG	98	M
13	AMDN5058576 (ADMN 505)	White	27	3465	90	36	1.3	22.6	2.6	1.9	VG	96	M
29	Etna	Cran	28	3425	89	37	2.1	71.0	1.1	2.9	VG	93	E
28	Hime	Otebo	29	3407	88	36	1.9	34.9	4.8	4.6	P	94	E
5	HRN 4871	White	30	3270	85	32	1.4	19.4	2.1	1.1	E	101	L
Seed Quality: 1 = good 5 = poor			Mean	3858		39	1.4	25.6	2.3	2.0		98	
Mean +/- one half LSDof yield			C.V.	6.0			24.6	3.7	17.9	20.0		1.7	
Pick consists of distorted seed as a			PR > F	0.00			0.00	0.00	0.00	0.00		0.00	
result of blight,white mold etc. damage			LSD(0.05)	273			0.4	1.1	0.5	0.5		2	

Maturity: <96=E, 96-100=M, >100=L

Suitability for Direct Harvest <1.5=Excellent, 1.5-2.5=VeryGood, 2.6-3.5=Good, >3.5= Poor

Trial Summary

Design: Lattice

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: 17 seeds / m.

Seed Treatment: CruiserMaxx 1.95 ml./1kg.seed

Dynasty .2 ml./1kg.seed

Fertilizer: 45-100-120 NPK, actual ppi

liquid 3- 12- 3 actual at seeding (June 1)

Herbicide: ppi. Dual .5 L/ha & Rival .7 L/ha

Herbicide: post Reflex 1 L/ha (July 2)

Planting Date: June 1

Multiple Fungicide/Insecticides were applied during the season to minimize distortions in the varietal differences

Dessication Date: Sept 5

Direct Harvest Date: Sept 27&Oct 1