

Treatment Number	Treatment Name	Yield Rank	Yield (kg/ha)	Percentage of Average	Yield / Maturity	Seed Quality (1-5)	100 Seed Weight	CBB (1-10) Sept 6	Lodging	Harvestability	Suitability For Direct Harvest	Days to Maturity	Maturity
2	OAC Thunder	1	4198	112	45	2.0	21.6	7.9	2.8	2.5	G	92	M
1	T9905	2	4072	108	43	2.3	22.7	3.8	2.8	2.0	VG	95	M
6	HRN 5143	3	3999	106	40	1.4	19.4	8.3	2.0	1.4	VG	100	M
20	MSUN09056	4	3999	106	42	1.8	21.8	5.3	2.5	1.5	VG	94	M
4	HRN 5008	5	3986	106	40	1.8	20.2	2.4	2.0	1.0	E	99	M
3	AC Compass	6	3960	105	46	1.9	20.2	7.6	2.5	2.0	VG	86	E
5	HRN 4958	7	3932	104	42	0.7	19.9	5.8	2.3	1.4	VG	94	M
12	HMS Medalist	8	3925	104	43	1.6	19.9	6.2	1.8	1.0	E	92	M
10	T10704	9	3838	102	39	1.6	20.5	4.7	1.5	1.0	E	97	M
8	HRN 4170	10	3831	102	41	1.6	18.9	5.8	2.3	1.4	VG	92	M
17	ADMN5039540 (ADMN 503)	11	3810	101	43	1.9	17.2	7.4	2.0	1.0	E	88	E
14	COOPN02084	12	3710	99	41	1.7	19.4	7.6	2.0	1.0	E	90	M
19	MSUN08007	13	3695	98	39	1.8	19.3	5.1	1.0	1.1	E	95	M
13	COOPN03019	14	3596	96	37	2.1	20.1	5.6	1.5	1.3	E	97	M
9	T95-051	15	3518	93	36	1.8	18.1	6.6	2.0	2.0	VG	97	M
15	SEM1008	16	3515	93	35	2.0	18.1	1.9	4.0	3.6	P	100	M
7	HRN 4871	17	3489	93	33	1.9	19.1	2.9	2.8	2.0	VG	105	L
16	SEM1009	18	3458	92	35	1.9	20.8	4.0	2.8	1.5	VG	100	M
11	T154-051	19	3431	91	33	2.2	18.3	1.8	3.3	2.4	G	104	L
18	AMDN5058576 (ADMN 505)	20	3329	88	34	2.1	20.5	4.4	3.3	2.8	P	98	M
Seed Quality: 1 = good 5 = poor		Mean	3765		39	1.8	19.8	5.3	2.3	1.7		96	
Mean +/- one half LSDof yield		C.V.	7.5			22.5	2.1	22.8	17.5	13.6		3.1	
		PR > F	0.00			0.05	0.00	0.00	0.00	0.00		0.00	
		LSD(0.05)	333			n/a	0.5	1.4	0.5	0.3		4	

Maturity: <92=E, 92-100=M, >100=L

Suitability for Direct Harvest <1.4=Excellent, 1.4-2.0=VeryGood, 2.1-2.7=Good, >2.7= 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: 100-0-0 NPK, actual ppi

liquid 3- 12- 3 actual at seeding (June 15)

Herbicide: ppi. Pursuit 200 mL/ha & Bonanza 2 L/ha

Planting Date: June 15

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

Direct Harvest Date: Oct 7