

UC Cooperative Extension

Rio Vista, CA - Hastings Island



Planted: 4/17/2008

Harvested: 10/16/2008

Soil Type: Egbert Silty Clay Loam

Days To Harvest: 182

Plot Size: Field Strip

Year Location

2008 Rio Vista

2008 Rio Vista

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Company	Entry	Days to Bloom	%MDMV	Fusarium Ear Rot %	Common Smut %	%H2O	Bu. Wt. lbs./bu.	Yield @ 15%	Duncans Multiple Test @ 5%
Dekalb	DKC69-43	88	0	2	1	13.7	62.6	12128	A
Eureka	ES-7548RR	85	0	1	1	12.6	58.3	11686	B
Garst	82R45GT	91	0	4	0	12.3	60.4	11618	B
Integra	9674R	90	0	2	2	13.4	58.7	11616	B
Eureka	ES-7590RR	87	0	1	0	12.1	60.5	11487	B
Croplan	6818RR	89	0	1	0	12.8	61.0	11374	BC
Dyna-Gro	58P59	93	0	1	0	13.1	58.1	11360	BC
Dyna-Gro	58K02	90	0	1	0	14.1	58.2	11138	CD
Dekalb	DKC67-86	89	0	3	3	13.1	61.6	11053	CDE
Grower	33D47	91	0	3	0	12.9	62.1	10951	DE
Croplan	7505RB	83	0	1	0	12.9	62.6	10949	DE
Integra	9641R	86	0	9	0	13.0	59.5	10831	DEF
Hyttest	HT6105VT3	87	0	1	0	11.4	60.9	10795	DEF
Garst	82K79GT	92	0	7	2	12.8	61.6	10779	EF
Croplan	591RR2/BT	90	0	1	0	11.8	63.1	10604	F
Mycogen	TMF2N804	93	0	17	0	12.0	59.2	9239	G
Mycogen	TMF2L844	95	0	1	12	14.6	58.9	8578	H

Average	89	0	3	1	12.8	60.4	10952
Coefficient of Variation	1	NA	122	101	1.8	0.8	1
LSD @ 5%	3		8	3	0.5	1.0	311
Probability of Significance	**		*	**	**	**	**
Replication effect					*		**
Non-additivity				**			

Yield adjusted to 15% moisture No significant problems for: Maize Dwarf Mosaic, Common Smut or Lodged plants.

If Coefficient of Variation is greater than 15% note the trend but doubt the significance.

Cooperator: Mark Boyd

Experimentors: Brittan, Kochi.