



Cor10-2011 - Essex ICAT Corn Hybrid Trials 2011 (Essex SCIA Project)

CROP ADVANCES

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Essex ICAT Corn Hybrid Trials 2011 (Essex SCIA Project)

Purpose:

To evaluate corn hybrid performance in the Essex County area.

Methods:

Seed companies are asked to submit a Corn hybrid for the trial. Each cooperator grows the same corn hybrids. The cooperator uses one of the hybrids as a check or selects a hybrid they are familiar with to use as a check. The plots are weighed off with a weigh wagon. The wet weather this spring delayed planting of many of the plots and prevented some from planting plots.

Results:

See table 1.

Summary:

The results speak for themselves. The Mycogen hybrid was at or near the top of all locations.

Next Steps:

The project will be run again next year.

Acknowledgements:

Thanks to all the seed companies who donated seed. Thank you to the co-operators for their extra effort in planting and weighing off the plots. Thanks to Dave Kendrick for coordinating the project. The results were compiled by Adam Hayes, OMAFRA.

Project Contacts:

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Table 1. Essex SCIA Independent Corn Adaptability Trials 2011

Individual Plot Yields			HU	1		2		3		4		Average		
Company	Hybrid	Traits		Amherstburg 1		Kingsville 2		Kingsville		Amherstburg		% M	Yield bu/ac	Yield Index
Country Farm	CF870VT3	ECB, CRW, RR		3350	26.6	180.6	25	186.4	23.1	160.1	22.4	127.6	24.3	163.7
Dekalb	DKC57-50	ECB, CRW, RR	3250	27.4	164.2	24.7	189.1	24.5	181.0	20.8	181.6	24.4	179.0	100%
Hyland	HL8677	HXX, RR2, LL	3250	24.8	179.2	25.9	180.9	23.2	173.2	21.5	183.2	23.9	179.1	100%
Maizex	MZ5560R	RR2	3300	26.2	184.2	24.3	198.8	22.6	180.5	20.9	181.4	23.5	186.2	104%
Mycogen	2T699	HXX, RR2, LL		26.0	199.7	24.3	194.5	22.3	179.1	20.0	192.6	23.2	191.5	107%
NK	N63R-3000GT	ECB, CRW, RR, LL	3325	24.8	155.2	23.1	167.6	22.5	184.5	18.6	175.2	22.3	170.6	95%
Pioneer	PO891XR	HXX, RR2, LL	3250	24.3	193.0	23.8	193.7	21.3	170.0	23.7	180.5	23.3	184.3	103%
# of Checks/Reps				3/1		3/1		3/1		3/1				
Check Hybrid				Pioneer PO891XR		Dekalb DKC50-45		Dekalb		Pioneer P35H40				
Check Yield (variance)				193 (4.6)		199.8 (12.8)		182.4 (9.0)		185.3 (1.3)				
Planting Date						June 3, 2011		June 5, 2011		May 23, 2010				
Harvest date				November 19, 2011		November 18, 2011		November 13, 2011		November 17, 2011				
Soil Type				Clay		Clay		Clay		Loam				
Tillage				No-till		No-till		No-till		Vertical till				
Previous Crop				Winter Wheat		Winter Wheat		Soybeans		Corn				
Individual Plots Indexed			HU	1		2		3		4				
Company	Hybrid	Traits		Amherstburg 1		Kingsville 2		Kingsville		Amherstburg				
Country Farm	CF870VT3	ECB, CRW, RR	3350	180.6	101	186.4	100	160.1	91	127.6	73			
Dekalb	DKC57-50	ECB, CRW, RR	3250	164.2	92	189.1	101	181.0	103	181.6	104			
Hyland	HL8677	HXX, RR2, LL	3250	179.2	100	180.9	97	173.2	99	183.2	105			
Maizex	MZ5560R	RR2	3300	184.2	103	198.8	106	180.5	103	181.4	104			
Mycogen	2T699	HXX, RR2, LL		199.7	111	194.5	104	179.1	102	192.6	110			
NK	N63R-3000GT	ECB, CRW, RR, LL	3325	155.2	87	167.6	89	184.5	105	175.2	100			
Pioneer	PO891XR	HXX, RR2, LL	3250	193.0	108	193.7	103	170.0	97	180.5	103			