

Essex Soybean Variety Trials 2010 (Essex SCIA Project)

Purpose: To evaluate soybean variety performance in the Essex County area.

Methods: Seed companies are asked to submit a soybean variety for the trial. Each cooperator grows the same soybean varieties. The cooperator uses one of the varieties as a check or selects a variety they are familiar with to use as a check. The plots are weighed off with a weigh wagon.

Results: See table 1.

Summary: All but one of the varieties was Roundup Ready 2 Yield. The Hyland variety had the top yield at every location.

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 Adam Hayes, OMAFRA for compiling the results.

Project Contacts:

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Location of Project Final Report:

Adam Hayes, OMAFRA, Ridgetown

Crop Advances: Field Crop Reports

Table 1. Essex SCIA Independent Soybean Performance Trials 2010

Individual Plot Yields				1		2		3		4		Average		
Company	Variety	Traits	CHU	Hylander Farms Essex		Essex Demo Farm Amherstburg		Denotter Farms Kingsville		Marc Rivest Comber		% M	Yield bu/ac	Yield Index
Country Farm	CF61GR	RR2Y	3200	12.8	46.4	11.7	39.6	10.5	66.8	13.2	50.4	12.1	50.8	102%
Dekalb	32-60RY	RR2Y	3225	12.5	48.3	12.5	41.6	10.6	65.3	13.4	48.9	12.3	51.0	102%
Hyland	HS24RYS01	RR2Y	3175	12.6	51.3	12.0	41.2	10.0	72.5	12.9	51.0	11.9	54.0	108%
Maizex	5221RR2Y	RR2Y	3150	12.7	44.5	12.3	37.6	10.0	60.5	13.0	47.5	12.0	47.5	95%
Pioneer	93Y20	RR	3300	12.7	45.1	12.1	40.7	10.9	65.6	13.2	46.7	12.2	49.5	99%
Planting Date				May 25, 2010		June 18, 2010		May 25, 2010		May 29, 2010				
Harvest date				October 6, 2010		October 13, 2010		October 10, 2010		October 8, 2010				
Soil Type				Clay loam		Clay		Loam		Clay				
Tillage				Conventional		No-till		No-till		No-till				
# of Rows & Row Width				17, 15"		15"		6, 20"		33, 7.5"				
Row length (ft)						930		425		960				
Previous Crop				Corn		Corn		Soybeans		Winter wheat				
Notes: RR2Y = Roundup Ready 2 Yield Bold = check variety														