

### Essex SCIA Independent Corn Adaptability Trials 2017

#### Individual Plot Yields

Company	Hybrid	Traits	HU	1		2		3		4		5		Average		
				J. Brush Farms		Essex Demo Farm		Marc Rivest		Rob Repko		Brian Hyland		Yield		Yield
				Harrow		Amherstburg		Comber		Kingsville		Essex		bu/ac	% M	Index
				Yield (bu/ac)	% Moisture	Yield (bu/ac)	% Moisture	Yield (bu/ac)	% Moisture	Yield (bu/ac)	% Moisture	Yield (bu/ac)	% Moisture			
Dow	DS02J57RA	RR2, LL, SSX	3100	198.5	24.0	77.9*	19.4	167.2	22.8	171.9	17.6	192.8	20.1	182.6	21.0	93
Dekalb	DKC55-05	VTDoublePRO	3175	243.9	22.9	159.43**	18.2	185.8	26.6	196.3	16.6	166.38	20.4	198.1	21.1	101
Maizex	MZ5111DBR	VTDoublePRO	3275	227.1	24.3	170.2	21.3	159.5	28.7	200.2	17.4	229.27	23.5	197.2	22.9	101
Pioneer	P0825AM	AMXT, LL, RR2	3300	<b>245.9</b>	<b>25.8</b>	188.1	18.4	170.3	29.0	212.7	18.8	245.07	22.1	212.4	23.0	108
Country Farm	CF762	RR2	3350	226.0	24.7	175.9	22.4	164.5	28.5	187.7	17.9	201.23	21.4	191.1	23.4	98
Pride	A8303G8	Genuity SmartStax	3400	228.2	26.5	<b>167.2</b>	<b>24.9</b>	165.0	32.8	215.1	20.7	NA	NA	193.9	26.2	99

# of Checks	3	3	3	5	Average	195.9	22.9
Check Hybrid	P0825AM	A8303G8	Check	Check	Check		
Check Yield (variance)	245.9 (10.4)	167.2 (6.4)	177.3 (5.7)	198.9 (9.8)	211.9 (40.5)		* severe racoon damage
Planting Date	2-Jun-17	26-May-17	16-May-17	13-May-17	24-May-17		**some racoon damage
Harvest date	17-Nov-17	14-Nov-17	14-Nov-17	30-Oct-17	11-Nov-17		Both numbers left out of averages
Soil Type	Sandy loam	Clay loam	Clay	Clay loam	Clay loam		Bold indicates check hybrid
Tillage	Mulch-till	No-till	Minimum till	Minimum till	Conventional		
# of Rows & Row Width	12x30"	12x30"	12x30"	6x30"	6x30"		
Row length (ft)	400	950	816	744	515		
Previous Crop	Wheat/red clover	Soybeans	Winter wheat	Wheat	Winter Wheat		

#### Individual Plots Indexed

Company	Hybrid	Traits	HU	1		2		3		4		5	
				J. Brush Farms		Essex Demo Farm		Marc Rivest		Rob Repko		Brian Hyland	
				Yield (bu/ac)	Index	Yield (bu/ac)	Index	Yield (bu/ac)	Index	Yield (bu/ac)	Index	Yield (bu/ac)	Index
Dow	DS02J57RA	RR2, LL, SSX	3100	198.5	87	77.9*	NA	167.2	99	171.9	87	192.8	93
Dekalb	DKC55-05	VTDoublePRO	3175	243.9	107	159.43**	NA	185.8	110	196.3	99	166.4	80
Maizex	MZ5111DBR	VTDoublePRO	3275	227.1	99	170.2	97	159.5	95	200.2	101	229.3	111
Pioneer	P0825AM	AMXT, LL, RR2	3300	245.9	108	188.1	107	170.3	101	212.7	108	245.1	118
Country Farm	CF762	RR2	3350	226.0	99	175.9	100	164.5	98	187.7	95	201.2	97
Pride	A8303G8	Genuity SmartStax	3400	228.2	100	167.2	95	165.0	98	215.1	109	NA	NA
Average				228.3		175.3		168.7		197.3		207.0	