

USTN Public Data ¹									EC4-110E			YEAR 2017			ALL LOCATIONS - 2017		
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Y/M	Moisture	Test Weight						
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	12.1	19.4	56						
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	12.4	19.5	57.2						
SUMMARY STATISTICS²			mean						9.7	20.9	56.9						
			lsd05						1.4	1.2	1.1						
			lsd25						0.8	0.7	0.6						
			df						32.3	33.3	37.8						
			cv						11.2	3.9	1.2						
			r2_plot						63.6	66.5	36.2						
			r2_blup						90.3	90	77.5						
			locs						5	5	4						
			varline						2.2	1.6	0.5						
			vargxe						0.1	0.1	0.5						
			resid						1.2	0.7	0.5						
			plant														
			harvest														

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²SUMMARY STATISTICS ARE BASED ON ALL ENTRIES IN TEST, PUBLIC & NON-PUBLIC ENTRIES.

USTN Public Data ¹									IL_Ashkum						
EC4-110E									YEAR 2017						
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	108	220	13.1	17.4	55.9	1	0
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	110	223	13.4	17.4	58.2	0	0
SUMMARY STATISTICS²															
				mean					203	10.7	19.1	57.7	0.003	0	
				lsd05					28.5	4.2	1.6	1.7			
				lsd25					16.4	1.4	0.9	1			
				df					27.7	1.7	9.9	51.4			
				cv					7	7.1	2.7	1			
				r2_plot					59.9	80.4	86.4	73.7			
				r2_blup					76	87.8	86.4	72.8			
				locs											
				varline					307	2.2	1.6	0.5			
				vargxe					0	0.1	0.1	0.5			
				resid					205	0.6	0.3	0.4			
				plant					5/18/17						
				harvest					11/11/17						

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USTN Public Data ¹									IL_Geneseo						
EC4-110E									YEAR 2017						
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	101	196	11.9	18.9	56.5	4	1
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	113	219	12.5	18.6	57.7	3	0
SUMMARY STATISTICS²															
				mean					194	9.8	20	57.7	0.1	0	
				lsd05					27.3	4.9	1.8	1.8			
				lsd25					15.5	1.5	0.9	1.1			
				df					19.4	1.5	7.6	46.4			
				cv					8.5	11.6	4.4	1.5			
				r2_plot					40.6	64.5	68.9	56			
				r2_blup					68.5	87.5	85.7	70.4			
				locs											
				varline					187	2.2	1.6	0.5			
				vargxe					0	0.1	0.1	0.5			
				resid					273	1.3	0.8	0.8			
				plant					4/24/17						
				harvest					10/23/17						

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USTN Public Data ¹									EC4-110E							YEAR 2017			IL_Tonica						
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %										
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	118	274	13.4	20.2	54.9	0	0										
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	127	297	13.8	20.4	54.8	0	0										
SUMMARY STATISTICS²																									
				mean					233	10.9	21.6	54.5	0	0											
				lsd05					38.5	4.8	1.8	1.6													
				lsd25					22.1	1.5	0.9	0.9													
				df					30	1.5	7.5	54.4													
				cv					7.7	9.4	3.4	0.6													
				r2_plot					71.9	69	76.5	90.5													
				r2_blup					82.3	87.6	86	75.4													
				locs																					
				varline					823	2.2	1.6	0.5													
				vargxe					0	0.1	0.1	0.5													
				resid					321	1.1	0.5	0.1													
				plant						5/15/17															
				harvest						10/28/17															

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USTN Public Data ¹									IN_Hartford_City				
EC4-110E									YEAR 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				
									Mean	Yield	Y/M	Moisture	Test Weight
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	120	217	10.7	20.9	55.7
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	113	205	10.6	21.2	58.2
SUMMARY STATISTICS²													
									181	8.1	22.5	57.9	
									30.2	4	1.7	1.8	
									17.4	1.4	0.9	1	
									29.1	1.7	8.1	53.2	
									9	9	3.1	1.4	
									55.6	81.4	78.4	61.8	
									75.2	87.8	86.1	71.3	
									332	2.2	1.6	0.5	
									0	0.1	0.1	0.5	
									265	0.5	0.5	0.6	
										6/7/17			
										11/15/17			

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USTN Public Data ¹									IN_West_Lafayette				
EC4-110E									YEAR 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Stalk Lodging %
EC4-110E	3183	AL	42-08	Cruiser 250	108	none		tall	122	226	11.5	19.6	0
EC4-110E	3184	AL	49-09	Cruiser 250	109	none		average	120	222	11.7	19.5	0
SUMMARY STATISTICS²													
				mean						185	9	21	0
				lsd05						51.1	5.9	1.9	
				lsd25						29.3	1.6	1	
				df						27.9	1.3	6.4	
				cv						15.3	17.3	5.2	
				r2_plot						51.9	49.1	59	
				r2_blup						73.5	87.4	85.4	
				locs									
				varline						865	2.2	1.6	
				vargxe						0	0.1	0.1	
				resid						803	2.4	1.2	
				plant						5/18/17			
				harvest						10/19/17			

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