

USTN Public Data ¹									EC5-115E					YEAR 2017					ALL LOCATIONS - 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of					Test									
									Mean	Yield	Y/M	Moisture	Weight										
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	98	214	8.5	25.4	55.1										
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	96	209	9	23.1	55.7										
SUMMARY STATISTICS²																							
				mean						219	9.5	23.2	56										
				lsd05						27.3	1.3	1.6	0.6										
				lsd25						15.8	0.7	0.9	0.4										
				df						40.4	37.1	37	33										
				cv						6.7	8.5	3.6	1.9										
				r2_plot						56.2	55.1	63.7	25										
				r2_blup						86	86.3	87.7	89										
				locs						5	5	5	5										
				varline						561	1.2	2.4	0.4										
				vargxe						220	0.4	0.6	0										
				resid						217	0.6	0.7	1.2										
				plant																			
				harvest																			

¹THIS REPORTS SHOWS ONLY THE PUBLIC ENTRIES IN THE TEST.

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

USTN Public Data ¹									IL_Jacksonville					
EC5-115E									YEAR 2017					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of Mean	Yield	Y/M	Moisture	Stalk Lodging %	Root Lodging %
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	100	223	9.1	24.6	0	0
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	101	225	9.9	22.4	0	0
SUMMARY STATISTICS²			mean						223	10.2	22	0	0	
			lsd05						40.1	1.9	2.4			
			lsd25						23.1	1.1	1.4			
			df						37.9	19.3	36			
			cv						6.3	8	4.2			
			r2_plot						79.8	70.7	77.5			
			r2_blup						80	79.4	81.6			
			locs											
			varline						561	1.2	2.4			
			vargxe						220	0.4	0.6			
			resid						198	0.7	0.9			
			plant						5/9/17					
			harvest						10/5/17					

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USTN Public Data ¹									IN_Farmersburg				
EC5-115E									YEAR 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Root		
									Mean	Yield	Y/M	Moisture	Lodging %
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	101	229	8.9	25.8	3
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	94	213	9	23.7	11
SUMMARY STATISTICS²			mean						226	9.6	23.6	0.6	
			lsd05						38.3	1.8	2.3		
			lsd25						22.1	1	1.3		
			df						39.5	23.3	41.3		
			cv						4.2	4.9	3.3		
			r2_plot						89.9	87.8	83.4		
			r2_blup						81.3	81.3	82.4		
			locs										
			varline						561	1.2	2.4		
			vargxe						220	0.4	0.6		
			resid						88.2	0.2	0.6		
			plant						5/17/17				
			harvest						10/10/17				

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USTN Public Data ¹									IN_Greensburg					
EC5-115E									YEAR 2017					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Stalk	Root		
									Mean	Yield	Y/M	Moisture	Lodging %	Lodging %
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	100	241	8.8	26.8	6	6
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	94	226	9	24.9	2	2
SUMMARY STATISTICS²			mean						240	9.5	25.3	2.6	2.6	
			lsd05						42.1	2	2.3			
			lsd25						24.2	1.1	1.3			
			df						33.1	16.5	41.1			
			cv						7.8	9.9	3			
			r2_plot						69.2	64.6	83.5			
			r2_blup						78.5	78.8	82.4			
			locs											
			varline						561	1.2	2.4			
			vargxe						220	0.4	0.6			
			resid						348	0.9	0.6			
			plant						6/1/17					
			harvest						11/10/17					

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USTN Public Data ¹									IN_Oaktown				
EC5-115E									YEAR 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Root		
									Mean	Yield	Y/M	Moisture	Lodging %
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	89	191	7.7	25.7	32
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	90	192	8.5	22.9	97
SUMMARY STATISTICS²			mean						214	9.6	22.5	2.9	
			lsd05						39	1.9	2.4		
			lsd25						22.6	1.1	1.4		
			df						46.5	30.2	45.5		
			cv						5.2	7.5	4		
			r2_plot						86.5	76	78.4		
			r2_blup						80.6	79.7	81.4		
			locs										
			varline						561	1.2	2.4		
			vargxe						220	0.4	0.6		
			resid						122	0.5	0.8		
			plant						4/12/17				
			harvest						9/12/17				

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USTN Public Data ¹									IN_Seymour					
EC5-115E									YEAR 2017					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Stalk		Root	
									Mean	Yield	Y/M	Moisture	Lodging %	Lodging %
EC5-115E	3142	Mont	MC73142	none	115	none	Ht	med short	98	187	7.5	24.7	1	0
EC5-115E	3138	Mont	MC73138	none	113	none	Ht	average	98	186	8.4	21.8	2	17
SUMMARY STATISTICS²			mean						190	8.5	22.4	0	1.3	
			lsd05						41.3	1.9	2.3			
			lsd25						23.9	1.1	1.3			
			df						50.5	22.4	44.8			
			cv						9.5	11.3	3.5			
			r2_plot						70.5	64	83.1			
			r2_blup						78.7	78.7	82.3			
			locs											
			varline						561	1.2	2.4			
			vargxe						220	0.4	0.6			
			resid						328	0.9	0.6			
			plant						5/31/17					
			harvest						11/11/17					

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