

USTN Public Data ¹									ALL LOCATIONS - 2017				
EC1-95W									YEAR 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Test		
									Mean	Yield	Y/M	Moisture	Weight
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	114	246	12.6	19.7	56
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	107	230	11.6	19.9	55.4
EC1-95W	3148	MAS	MGM344998	none	92	none		average	107	230	12.6	18.6	52.1
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	107	229	11.5	20	53.2
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	104	223	11.6	19.4	55.8
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	103	222	12.3	18.2	53.3
EC1-95W	3150	MAS	MGM365833	none	91	none		average	98	211	10.2	20.8	55.2
EC1-95W	3149	MAS	MGM359590	none	90	none		average	87	186	8.8	21.2	56.5
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	78	167	7.8	21.2	56.3
SUMMARY STATISTICS²			mean						215	10.7	20.3	54.9	
			lsd05						25.7	1.6	1.3	1.3	
			lsd25						14.8	0.9	0.7	0.8	
			df						42.9	36.8	39.6	23.3	
			cv						5.5	5.7	2.1	1.3	
			r2_plot						56.7	68.6	65	78	
			r2_blup						85.5	88.3	87.2	91.5	
			locs						5	5	5	5	
			varline						479	2.4	1.4	2.3	
			vargxe						228	0.7	0.6	0.09	
			resid						138	0.4	0.2	0.5	
			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									MN_Pipestone						
EC1-95W									YEAR 2017						
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %
									Mean	Yield					
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	119	250	12.7	19.7	56.1	3	1
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	110	232	12	19.4	55.5	2	0
EC1-95W	3148	MAS	MGM344998	none	92	none		average	111	234	13.5	17.4	52.3	6	2
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	112	235	11.9	19.7	53.5	6	0
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	101	213	11.3	18.9	55.9	1	0
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	99	208	12.1	17.2	53.4	1	0
EC1-95W	3150	MAS	MGM365833	none	91	none		average	96	202	10.1	19.9	55.3	1	2
EC1-95W	3149	MAS	MGM359590	none	90	none		average	87	183	9	20.3	56.8	2	0
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	75	158	8	19.7	56.2	19	0
SUMMARY STATISTICS²			mean							210	10.8	19.7	55	1	0
			lsd05							36.4	2.2	1.8	2.6		
			lsd25							21.1	1.3	1	1.1		
			df							57.5	59.4	65.9	2.6		
			cv							4.5	5.1	2.2	1.6		
			r2_plot							88.9	91.2	91.2	74.1		
			r2_blup							81.1	84.1	83	89.1		
			locs												
			varline							479	2.4	1.4	2.3		
			vargxe							228	0.7	0.6	0.09		
			resid							88.2	0.3	0.2	0.8		
			plant							5/12/17					
			harvest							10/28/17					

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USTN Public Data ¹									MN_Sanborn						
EC1-95W									YEAR 2017						
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Test	Stalk	Root		
									Mean	Yield	Y/M	Moisture	Weight	Lodging %	Lodging %
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	116	238	12.6	18.9	56.3	4	6
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	105	215	11.3	19.1	55.6	1	1
EC1-95W	3148	MAS	MGM344998	none	92	none		average	115	236	13.4	17.6	52.5	6	18
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	104	212	11.5	18.4	53.3	8	0
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	106	218	11.6	18.8	56.2	0	0
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	107	219	12.5	17.6	53.3	1	1
EC1-95W	3150	MAS	MGM365833	none	91	none		average	100	205	10.7	19.2	55.4	2	1
EC1-95W	3149	MAS	MGM359590	none	90	none		average	85	175	8.8	20	56.8	1	0
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	57	117	6	19.5	56.7	62	0
SUMMARY STATISTICS²			mean						205	10.8	19	55.2	0.2	0.002	
			lsd05						36.6	2.2	1.7	2.4			
			lsd25						21.2	1.3	1	1.1			
			df						59.2	60.4	65.3	3			
			cv						4.8	5.1	1.6	1.2			
			r2_plot						87.8	91.3	95.2	84.1			
			r2_blup						80.9	84.1	83.8	89.3			
			locs												
			varline						479	2.4	1.4	2.3			
			vargxe						228	0.7	0.6	0.09			
			resid						98.1	0.3	0.1	0.4			
			plant						5/8/17						
			harvest						10/16/17						

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USTN Public Data ¹									MN_Sleepy_Eye							
EC1-95W									YEAR 2017							
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %	
									Mean	Yield						
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	109	238	12.6	19	56.6	0	0	
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	106	230	12	19.3	56.1	0	0	
EC1-95W	3148	MAS	MGM344998	none	92	none		average	106	230	13.8	16.4	52.9	18	0	
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	110	238	12.3	19.5	53.8	0	0	
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	105	229	12.3	18.7	56.5	0	0	
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	106	231	14	16.4	54.3	2	0	
EC1-95W	3150	MAS	MGM365833	none	91	none		average	101	220	11	20	56.1	0	0	
EC1-95W	3149	MAS	MGM359590	none	90	none		average	94	205	10.1	20.3	57.5	7	0	
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	60	130	6.2	20.9	56.9	46	0	
SUMMARY STATISTICS²			mean							217	11.3	19.4	55.7	0.001	0	
			lsd05							37.4	2.2	1.7	2.2			
			lsd25							21.7	1.3	1	1			
			df							58.6	61.1	65.3	3.4			
			cv							5.4	5.8	1.5	0.9			
			r2_plot							83.8	88	95.6	90.6			
			r2_blup							80.2	83.6	83.8	89.5			
			locs													
			varline							479	2.4	1.4	2.3			
			vargxe							228	0.7	0.6	0.09			
			resid							137	0.4	0.09	0.2			
			plant							5/9/17						
			harvest							10/20/17						

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USTN Public Data ¹									MN_Stewartville					
EC1-95W									YEAR 2017					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Y/M	Moisture	Test Weight	Stalk Lodging %
									Mean	Yield				
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	110	260	13.2	19.7	55.4	1
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	107	252	12.6	20	54.7	0
EC1-95W	3148	MAS	MGM344998	none	92	none		average	109	256	13.4	19.1	51.2	5
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	107	252	12.6	20	52.6	1
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	102	241	12.1	19.9	54.8	0
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	100	237	12.9	18.2	52.4	0
EC1-95W	3150	MAS	MGM365833	none	91	none		average	94	223	10.5	21.2	54.6	0
EC1-95W	3149	MAS	MGM359590	none	90	none		average	83	195	9.2	21	55.8	0
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	95	225	10.5	21.6	55.6	0
SUMMARY STATISTICS²			mean						236	11.7	20.2	54.2	0	
			lsd05						38.1	2.2	1.8	2.3		
			lsd25						22.1	1.3	1.1	1.1		
			df						59.4	59.6	63.6	3.2		
			cv						5.7	5.9	2.9	1.1		
			r2_plot						79.9	87	85.2	86.2		
			r2_blup						79.6	83.4	82	89.4		
			locs											
			varline						479	2.4	1.4	2.3		
			vargxe						228	0.7	0.6	0.09		
			resid						178	0.5	0.3	0.4		
			plant						5/9/17					
			harvest						11/3/17					

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USTN Public Data ¹									WI_River_Falls								
EC1-95W									YEAR 2017								
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Y/M	Moisture	Test Weight	Stalk Lodging %	Root Lodging %		
									Mean	Yield							
EC1-95W	3176	AL	74-93	Cruiser 250	93	none		tall	126	260	12.6	20.8	55.8	0	0		
EC1-95W	3178	AL	51-95	Cruiser 250	95	none		short	110	227	10.5	21.6	55.1	0	0		
EC1-95W	3148	MAS	MGM344998	none	92	none		average	96	198	9.1	21.7	51.6	0	20		
EC1-95W	3179	AL	58-98	Cruiser 250	98	none		average	104	214	9.5	22.5	52.8	0	0		
EC1-95W	3177	AL	42-92	Cruiser 250	92	none		tall	107	220	10.7	20.6	55.5	0	0		
EC1-95W	3175	AL	90-91	Cruiser 250	91	none		average	106	218	10.7	20.7	52.9	0	0		
EC1-95W	3150	MAS	MGM365833	none	91	none		average	99	203	8.6	23.6	54.8	0	0		
EC1-95W	3149	MAS	MGM359590	none	90	none		average	77	158	6.3	24.7	55.9	0	0		
EC1-95W	3147	MAS	MGM327181	none	93	none		tall	88	181	7.4	24.4	55.9	0	2		
SUMMARY STATISTICS²			mean						206	9.1	22.9	54.5	0	0			
			lsd05						38.2	2.2	1.8	2.6					
			lsd25						22.2	1.3	1	1.1					
			df						59.9	63.9	73.7	2.7					
			cv						6.6	6.9	1.8	1.7					
			r2_plot						79.1	89	92.2	73.6					
			r2_blup						79.5	83.7	83.2	89.1					
			locs														
			varline						479	2.4	1.4	2.3					
			vargxe						228	0.7	0.6	0.09					
			resid						187	0.4	0.2	0.8					
			plant						5/13/17								
			harvest						11/8/17								

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