

USTN Public Data <sup>1</sup>									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
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>						<b>215</b>	<b>10.7</b>	<b>20.3</b>	<b>54.9</b>	
			<b>lsd05</b>						<b>25.7</b>	<b>1.6</b>	<b>1.3</b>	<b>1.3</b>	
			<b>lsd25</b>						<b>14.8</b>	<b>0.9</b>	<b>0.7</b>	<b>0.8</b>	
			<b>df</b>						<b>42.9</b>	<b>36.8</b>	<b>39.6</b>	<b>23.3</b>	
			<b>cv</b>						<b>5.5</b>	<b>5.7</b>	<b>2.1</b>	<b>1.3</b>	
			<b>r2_plot</b>						<b>56.7</b>	<b>68.6</b>	<b>65</b>	<b>78</b>	
			<b>r2_blup</b>						<b>85.5</b>	<b>88.3</b>	<b>87.2</b>	<b>91.5</b>	
			<b>locs</b>						<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	
			<b>varline</b>						<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>	
			<b>vargxe</b>						<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>	
			<b>resid</b>						<b>138</b>	<b>0.4</b>	<b>0.2</b>	<b>0.5</b>	
			<b>plant</b>										
			<b>harvest</b>										

<sup>1</sup>THIS REPORTS SHOWS ONLY THE PUBLIC ENTRIES IN THE TEST.

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

USTN Public Data <sup>1</sup>									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
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>						<b>210</b>	<b>10.8</b>	<b>19.7</b>	<b>55</b>	<b>1</b>	<b>0</b>	
			<b>lsd05</b>						<b>36.4</b>	<b>2.2</b>	<b>1.8</b>	<b>2.6</b>			
			<b>lsd25</b>						<b>21.1</b>	<b>1.3</b>	<b>1</b>	<b>1.1</b>			
			<b>df</b>						<b>57.5</b>	<b>59.4</b>	<b>65.9</b>	<b>2.6</b>			
			<b>cv</b>						<b>4.5</b>	<b>5.1</b>	<b>2.2</b>	<b>1.6</b>			
			<b>r2_plot</b>						<b>88.9</b>	<b>91.2</b>	<b>91.2</b>	<b>74.1</b>			
			<b>r2_blup</b>						<b>81.1</b>	<b>84.1</b>	<b>83</b>	<b>89.1</b>			
			<b>locs</b>												
			<b>varline</b>						<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>			
			<b>vargxe</b>						<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>			
			<b>resid</b>						<b>88.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.8</b>			
			<b>plant</b>						<b>5/12/17</b>						
			<b>harvest</b>						<b>10/28/17</b>						

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USTN Public Data <sup>1</sup>									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
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>						<b>205</b>	<b>10.8</b>	<b>19</b>	<b>55.2</b>	<b>0.2</b>	<b>0.002</b>	
			<b>lsd05</b>						<b>36.6</b>	<b>2.2</b>	<b>1.7</b>	<b>2.4</b>			
			<b>lsd25</b>						<b>21.2</b>	<b>1.3</b>	<b>1</b>	<b>1.1</b>			
			<b>df</b>						<b>59.2</b>	<b>60.4</b>	<b>65.3</b>	<b>3</b>			
			<b>cv</b>						<b>4.8</b>	<b>5.1</b>	<b>1.6</b>	<b>1.2</b>			
			<b>r2_plot</b>						<b>87.8</b>	<b>91.3</b>	<b>95.2</b>	<b>84.1</b>			
			<b>r2_blup</b>						<b>80.9</b>	<b>84.1</b>	<b>83.8</b>	<b>89.3</b>			
			<b>locs</b>												
			<b>varline</b>						<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>			
			<b>vargxe</b>						<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>			
			<b>resid</b>						<b>98.1</b>	<b>0.3</b>	<b>0.1</b>	<b>0.4</b>			
			<b>plant</b>						<b>5/8/17</b>						
			<b>harvest</b>						<b>10/16/17</b>						

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USTN Public Data <sup>1</sup>									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	
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>							<b>217</b>	<b>11.3</b>	<b>19.4</b>	<b>55.7</b>	<b>0.001</b>	<b>0</b>	
			<b>lsd05</b>							<b>37.4</b>	<b>2.2</b>	<b>1.7</b>	<b>2.2</b>			
			<b>lsd25</b>							<b>21.7</b>	<b>1.3</b>	<b>1</b>	<b>1</b>			
			<b>df</b>							<b>58.6</b>	<b>61.1</b>	<b>65.3</b>	<b>3.4</b>			
			<b>cv</b>							<b>5.4</b>	<b>5.8</b>	<b>1.5</b>	<b>0.9</b>			
			<b>r2_plot</b>							<b>83.8</b>	<b>88</b>	<b>95.6</b>	<b>90.6</b>			
			<b>r2_blup</b>							<b>80.2</b>	<b>83.6</b>	<b>83.8</b>	<b>89.5</b>			
			<b>locs</b>													
			<b>varline</b>							<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>			
			<b>vargxe</b>							<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>			
			<b>resid</b>							<b>137</b>	<b>0.4</b>	<b>0.09</b>	<b>0.2</b>			
			<b>plant</b>							<b>5/9/17</b>						
			<b>harvest</b>							<b>10/20/17</b>						

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USTN Public Data <sup>1</sup>									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
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>						<b>236</b>	<b>11.7</b>	<b>20.2</b>	<b>54.2</b>	<b>0</b>	
			<b>lsd05</b>						<b>38.1</b>	<b>2.2</b>	<b>1.8</b>	<b>2.3</b>		
			<b>lsd25</b>						<b>22.1</b>	<b>1.3</b>	<b>1.1</b>	<b>1.1</b>		
			<b>df</b>						<b>59.4</b>	<b>59.6</b>	<b>63.6</b>	<b>3.2</b>		
			<b>cv</b>						<b>5.7</b>	<b>5.9</b>	<b>2.9</b>	<b>1.1</b>		
			<b>r2_plot</b>						<b>79.9</b>	<b>87</b>	<b>85.2</b>	<b>86.2</b>		
			<b>r2_blup</b>						<b>79.6</b>	<b>83.4</b>	<b>82</b>	<b>89.4</b>		
			<b>locs</b>											
			<b>varline</b>						<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>		
			<b>vargxe</b>						<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>		
			<b>resid</b>						<b>178</b>	<b>0.5</b>	<b>0.3</b>	<b>0.4</b>		
			<b>plant</b>						<b>5/9/17</b>					
			<b>harvest</b>						<b>11/3/17</b>					

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USTN Public Data <sup>1</sup>									WI_River_Falls						
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	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
<b>SUMMARY STATISTICS<sup>2</sup></b>			<b>mean</b>						<b>206</b>	<b>9.1</b>	<b>22.9</b>	<b>54.5</b>	<b>0</b>	<b>0</b>	
			<b>lsd05</b>						<b>38.2</b>	<b>2.2</b>	<b>1.8</b>	<b>2.6</b>			
			<b>lsd25</b>						<b>22.2</b>	<b>1.3</b>	<b>1</b>	<b>1.1</b>			
			<b>df</b>						<b>59.9</b>	<b>63.9</b>	<b>73.7</b>	<b>2.7</b>			
			<b>cv</b>						<b>6.6</b>	<b>6.9</b>	<b>1.8</b>	<b>1.7</b>			
			<b>r2_plot</b>						<b>79.1</b>	<b>89</b>	<b>92.2</b>	<b>73.6</b>			
			<b>r2_blup</b>						<b>79.5</b>	<b>83.7</b>	<b>83.2</b>	<b>89.1</b>			
			<b>locs</b>												
			<b>varline</b>						<b>479</b>	<b>2.4</b>	<b>1.4</b>	<b>2.3</b>			
			<b>vargxe</b>						<b>228</b>	<b>0.7</b>	<b>0.6</b>	<b>0.09</b>			
			<b>resid</b>						<b>187</b>	<b>0.4</b>	<b>0.2</b>	<b>0.8</b>			
			<b>plant</b>						<b>5/13/17</b>						
			<b>harvest</b>						<b>11/8/17</b>						

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