



# 2016 Michigan State University Wheat Performance Trials (Commercially Available Only)

Multi-year data are the most informative.

**Table 1 : Multi-Year Performance Summary (Note: Tables sorted by 2016 Yield, red wheat's grouped before white)**

MSU makes no endorsement of any variety or brand.

Name				Yield: Bushels/Acre (Adjusted to 13.5% Moisture)				Test Weight: lbs/Bushel				Incidence (% of spikes)				FHB (Scab) : Field Observation											
				Multi-Year Averages				Multi-Year Averages				Multi-Year Averages				Severity (% within spikes)				Index (% overall)				DON (ppm) in grain			
				2 YR		3 YR		4 YR		2 YR		3 YR		4 YR		2 YR		3 YR		4 YR		2 YR		3 YR		4 YR	
				2016	2015-16	2014-16	2013-16	2016	2015-16	2014-16	2013-16	2016	2015-16	2014-16	2013-16	2016	2015-16	2014-16	2013-16	2016	2015-16	2014-16	2013-16	2015	2014-15	2013-15	2012-15
MCIA Red Devil	Red	Awned	White	113.6	104.7	99.4	100.4	58.5	59.1	59.5	59.6	31.7	58.4	69.7	56.4	31.9	31.1	30.9	30.9	10.3	18.2	21.4	18.1	8.9	8.6	11.9	9.0
L-334	Red	Awnless	White	113.5	106.2	102.0	----	59.0	58.7	59.3	----	33.3	51.7	49.9	----	42.1	29.2	25.8	----	14.2	12.9	11.6	----	4.7	3.9	----	----
Equity Brand Butler	Red	Awnless	White	113.0	----	----	----	58.7	----	----	----	25.0	----	----	----	29.0	----	----	----	7.5	----	----	----	----	----	----	----
Pioneer Brand 25R46	Red	Awned	White	113.0	----	----	----	60.2	----	----	----	40.0	----	----	----	35.1	----	----	----	14.3	----	----	----	----	----	----	----
SC 1315-15™	Red	Awned	White	112.9	----	----	----	60.5	----	----	----	28.3	----	----	----	25.0	----	----	----	6.7	----	----	----	----	----	----	----
W 202	Red	Awned	White	112.8	----	----	----	60.3	----	----	----	28.3	----	----	----	29.4	----	----	----	8.4	----	----	----	----	----	----	----
AgriMAXX 444	Red	Awned	White	112.7	108.0	----	----	58.2	58.3	----	----	18.3	50.4	----	----	30.4	26.0	----	----	5.6	11.7	----	----	2.7	----	----	----
RS 911	Red	Awned	White	112.5	104.7	----	----	58.6	58.8	----	----	30.0	63.2	----	----	33.3	24.7	----	----	10.0	12.7	----	----	4.9	----	----	----
Sunburst	Red	Awnless	White	112.1	106.9	98.8	104.1	60.1	60.2	60.3	61.1	33.3	65.4	71.1	66.8	33.5	30.7	28.2	30.8	11.5	19.4	19.8	20.3	4.7	5.8	8.9	6.7
MCIA Red Dragon	Red	Awnless	White	111.8	106.3	101.9	107.3	58.6	58.6	58.7	58.9	26.7	57.1	63.1	50.7	18.5	22.8	28.8	33.2	5.4	14.6	20.1	17.3	4.1	4.1	7.4	5.6
Red Ruby	Red	Awned	White	111.7	102.5	97.0	99.8	60.2	59.4	59.5	59.7	35.0	66.9	74.6	67.7	40.5	36.7	37.7	40.9	16.0	24.3	28.3	27.2	9.6	9.7	15.0	11.3
MCIA Whale	Red	Awnless	White	111.5	107.1	101.7	106.9	58.7	58.3	58.1	58.9	30.0	60.0	61.9	55.7	33.3	37.5	36.3	36.9	10.8	24.7	24.4	22.7	6.6	11.4	14.1	----
SY 483	Red	Awnless	White	111.3	106.9	102.3	105.5	57.6	57.6	58.0	58.6	35.0	63.8	72.5	60.2	31.9	36.2	38.1	37.0	7.6	22.3	27.6	23.1	14.2	11.8	13.7	----
AgriMAXX 454	Red	Awned	White	111.2	----	----	----	58.4	----	----	----	38.3	----	----	----	32.1	----	----	----	12.6	----	----	----	----	----	----	----
Diener 496W	Red	Awnless	White	110.9	----	----	----	58.0	----	----	----	38.3	----	----	----	22.2	----	----	----	8.0	----	----	----	----	----	----	----
MCIA Harpoon	Red	Awnless	White	110.6	106.2	----	----	57.7	58.0	----	----	31.7	62.8	----	----	25.3	23.3	----	----	8.4	14.2	----	----	3.9	----	----	----
AgriMAXX 463	Red	Awnless	White	110.3	----	----	----	57.1	----	----	----	18.3	----	----	----	22.2	----	----	----	4.1	----	----	----	----	----	----	----
Hopewell	Red	Awnletted	Bronze	107.0	101.4	96.3	100.4	58.9	58.7	58.9	59.4	48.3	69.2	70.3	59.7	44.4	41.8	41.9	41.7	21.9	28.3	29.4	24.7	8.3	7.4	11.1	8.5
L-241	Red	Awnletted	White	106.4	102.2	98.1	----	59.6	60.2	60.5	----	20.0	42.5	48.3	----	37.5	28.6	24.4	----	7.1	9.9	10.2	----	2.3	2.0	----	----
L 11528	Red	Awned	White	97.5	----	----	----	59.1	----	----	----	28.3	----	----	----	29.2	----	----	----	8.8	----	----	----	----	----	----	----
Jupiter	White	Awnletted	Bronze	119.9	111.2	103.4	107.8	58.1	57.9	58.0	58.4	50.0	73.8	70.8	62.2	48.1	40.8	39.0	38.1	24.3	28.5	26.6	22.5	8.7	7.9	9.2	7.1
Ambassador	White	Awnletted	White	114.5	107.5	101.5	106.3	58.5	57.1	57.1	57.4	36.7	66.5	75.2	65.5	54.8	52.6	54.7	56.2	19.9	34.1	41.0	36.7	14.5	14.1	20.1	15.2
Dyna-Gro 9242W	White	Awnletted	White	113.0	107.6	101.3	105.0	59.6	59.1	59.1	59.5	33.3	62.9	67.8	50.8	14.8	18.4	22.9	20.7	5.4	13.1	16.8	12.6	5.2	7.1	7.8	5.9
AC Mountain	White	Awnletted	White	113.0	104.8	100.1	102.5	58.1	57.5	58.1	58.2	41.7	69.0	74.3	60.7	44.8	46.9	47.2	46.3	18.6	32.9	35.1	28.9	8.9	11.0	12.9	9.8
Aubrey	White	Awnletted	White	111.9	105.3	98.2	101.1	59.9	59.9	59.9	60.0	33.3	56.1	59.9	52.2	40.7	33.5	34.3	37.8	14.6	17.8	19.9	17.8	11.1	9.7	11.9	8.9
MSU 6012	White	Awned	White	111.8	103.5	97.1	100.2	59.3	58.2	58.3	58.7	50.0	68.2	72.9	60.2	36.6	38.5	38.1	38.1	19.9	27.5	28.6	23.1	9.8	9.4	8.2	6.2
MCIA Venus	White	Awned	White	111.2	103.4	96.4	97.8	56.6	56.9	57.4	57.7	51.7	70.3	74.3	67.7	34.3	34.9	35.1	38.1	17.7	24.6	26.2	24.8	9.1	10.5	14.5	11.0
Skeet	White	Awnletted	White	108.6	104.1	----	----	59.2	58.2	----	----	43.3	63.6	----	----	33.3	40.4	----	----	14.8	27.2	----	----	10.0	----	----	----
Glacier	White	Awnletted	White	107.4	101.4	96.2	----	58.4	57.9	58.6	----	46.7	67.8	66.8	----	43.0	33.8	35.6	----	19.9	21.1	23.4	----	5.8	4.3	----	----
Dyna-Gro 9491W	White	Awned	White	105.0	99.2	92.3	----	58.7	57.6	57.9	----	45.0	70.7	77.1	----	37.5	31.3	31.6	----	16.3	20.2	23.6	----	10.8	13.2	----	----
<b>MEAN (2016 90 Entries)</b>				<b>113.4</b>	<b>106.5</b>	<b>101.2</b>	<b>104.8</b>	<b>58.9</b>	<b>58.5</b>	<b>58.7</b>	<b>58.9</b>	<b>39.0</b>	<b>63.7</b>	<b>67.9</b>	<b>59.3</b>	<b>33.8</b>	<b>31.5</b>	<b>32.5</b>	<b>34.6</b>	<b>13.7</b>	<b>19.5</b>	<b>22.2</b>	<b>20.7</b>	<b>6.6</b>	<b>7.5</b>	<b>10.6</b>	<b>8.3</b>
<b>LSD (0.05)</b>				<b>3.5</b>	<b>5.6</b>	<b>4.0</b>	<b>4.9</b>	<b>0.9</b>	<b>1.6</b>	<b>1.1</b>	<b>0.9</b>	<b>22.8</b>	<b>16.4</b>	<b>13.4</b>	<b>15.0</b>	<b>15.5</b>	<b>13.6</b>	<b>10.3</b>	<b>9.5</b>	<b>11.5</b>	<b>12.6</b>	<b>10.0</b>	<b>9.5</b>	<b>3.8</b>	<b>3.0</b>	<b>2.7</b>	<b>2.0</b>
<b>CV (%)</b>				<b>4.3</b>	<b>5.8</b>	<b>5.3</b>	<b>3.3</b>	<b>2.2</b>	<b>3.2</b>	<b>2.7</b>	<b>1.0</b>	<b>0.3</b>	<b>12.8</b>	<b>12.1</b>	<b>18.0</b>	<b>0.2</b>	<b>21.5</b>	<b>19.5</b>	<b>19.5</b>	<b>0.4</b>	<b>32.3</b>	<b>27.7</b>	<b>32.5</b>	<b>47.9</b>	<b>51.4</b>	<b>40.5</b>	<b>40.6</b>