

# 2014 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 2014 Yield, red wheats grouped before white)

MSU makes no endorsement of any variety or brand.

Name	Grain Color	Chaff Color	Awns	Yield: Bushels/Acre (Adjusted to 13.5% Moisture) Multi-Year Averages				Test Weight: lbs/Bushel Multi-Year Averages				Percent Grain Moisture at Harvest Multi-Year Averages				Lodging Score (0-9) (0=none) Multi-Year		Organization
				2014	2013-14	3 YR 2012-14	4 YR 2011-14	2014	2013-14	3 YR 2012-14	4 YR 2011-14	2014	2013-14	2012-14	2011-14	2014	2013-14	
				2 YR	3 YR	4 YR	2 YR	3 YR	4 YR	2 YR	3 YR	4 YR	2 YR					
AgriMAXX 447	Red	White	Awnless	89.6	-----	-----	-----	57.1	-----	-----	-----	17.9	-----	-----	-----	2.0	-----	AgriMAXX Wheat Company
L-Brand 400	Red	White	Awnletted	89.2	-----	-----	-----	59.8	-----	-----	-----	15.2	-----	-----	-----	1.3	-----	Irrer Seed Farm
RS 967	Red	White	Awned	89.2	-----	-----	-----	60.4	-----	-----	-----	14.6	-----	-----	-----	1.7	-----	Rupp Seeds, Inc.
MCIA Red Devil	Red	White	Awned	88.9	87.0	87.9	89.4	60.5	59.5	59.7	59.9	15.0	14.1	13.9	13.9	2.0	2.2	Michigan Crop Improvement Association
Pioneer variety 25R39	Red	White	Awnless	88.8	85.6	87.2	88.1	58.7	58.1	58.7	59.1	16.1	14.7	14.3	14.2	7.7	5.8	DuPont Pioneer
MCIA Blazer	Red	White	Awnletted	88.6	87.4	87.8	-----	61.1	60.6	60.8	-----	15.1	14.2	13.9	-----	3.0	3.0	Michigan Crop Improvement Association
Guardian	Red	White	Awnless	88.0	-----	-----	-----	58.6	-----	-----	-----	17.3	-----	-----	-----	2.0	-----	Equity Seed
AgriMAXX 427	Red	White	Awnless	87.7	87.0	-----	-----	57.4	57.0	-----	-----	16.6	15.0	-----	-----	5.0	4.6	AgriMAXX Wheat Company
W 205	Red	White	Awnless	87.6	88.6	-----	-----	56.0	57.0	-----	-----	18.9	16.3	-----	-----	1.3	1.2	Wellman Seeds, Inc.
W 123	Red	White	Awnless	87.4	89.3	89.7	90.7	59.5	58.7	58.7	58.8	14.8	13.8	13.6	13.4	4.0	3.6	Wellman Seeds, Inc.
EXP 13W34	Red	White	Awnless	87.3	-----	-----	-----	54.9	-----	-----	-----	19.0	-----	-----	-----	2.0	-----	Equity Seed
W 208	Red	White	Awnless	87.2	86.8	88.4	-----	58.3	58.2	58.5	-----	16.8	15.2	14.9	-----	2.7	3.0	Wellman Seeds, Inc.
Steyer Pierson	Red	White	Awnless	87.1	86.0	-----	-----	58.5	58.3	-----	-----	17.6	15.5	-----	-----	3.0	3.2	Steyer Seeds
Malabar	Red	White	Awnless	86.4	85.0	84.6	86.1	60.3	59.2	59.3	59.6	15.0	14.0	13.7	13.7	3.3	2.6	Ohio Seed Improvement Association
Hopewell	Red	Bronze	Awnletted	86.3	85.0	85.8	86.6	59.5	58.9	59.2	59.6	14.4	13.7	13.6	13.6	2.3	2.0	Michigan Crop Improvement Association
Red Ruby	Red	White	Awned	86.2	83.0	84.1	85.5	59.7	58.8	59.3	59.7	15.5	14.3	13.9	13.7	3.0	2.6	Michigan Crop Improvement Association
L-Brand 314	Red	White	Awnletted	83.2	85.8	-----	-----	59.9	59.1	-----	-----	14.9	14.0	-----	-----	2.7	3.1	Irrer Seed Farm
Sunburst	Red	White	Awnless	82.4	85.2	87.4	88.6	60.6	60.8	61.3	60.7	16.7	15.2	14.9	14.4	1.0	1.5	Michigan Crop Improvement Association
Shirley	Red	White	Awnletted	79.4	80.6	84.7	87.1	57.7	57.2	57.6	57.8	14.9	13.9	13.8	14.1	1.7	1.5	Dyna-Gro Seed
AC Mountain	White	White	Awnletted	90.9	88.5	88.3	88.0	59.1	57.7	57.7	57.9	14.4	13.5	13.4	13.3	7.7	5.8	Michigan Crop Improvement Association
Ambassador	White	White	Awnletted	89.5	86.5	87.4	87.4	57.1	56.2	56.8	57.3	13.8	12.9	12.9	12.8	3.0	2.6	D.F. Seeds, Inc.
9242W	White	White	Awnless	88.5	84.5	86.1	86.0	59.3	58.4	58.9	59.2	14.9	14.0	13.7	13.6	2.0	2.0	Dyna-Gro Seed
Jupiter	White	Bronze	Awnletted	87.6	85.7	85.9	86.8	58.3	57.4	57.7	58.0	14.4	13.5	13.7	13.6	1.7	2.0	Michigan Crop Improvement Association
Ava	White	White	Awnletted	86.5	84.4	83.2	83.8	58.4	58.0	57.6	57.7	16.9	15.2	15.6	15.8	2.7	3.2	Hyland Seeds
9362W	White	White	Awnless	85.6	82.2	-----	-----	60.5	59.4	-----	-----	15.9	14.5	-----	-----	2.0	1.9	Dyna-Gro Seed
Linebacker	White	White	Awnletted	85.5	84.8	83.2	84.4	56.9	56.8	57.0	57.4	17.1	15.1	15.1	15.3	2.3	2.6	D.F. Seeds, Inc.
Aubrey	White	White	Awnletted	83.9	81.0	81.9	82.7	59.9	59.1	59.3	59.9	14.6	13.8	13.7	13.7	2.0	2.0	D.F. Seeds, Inc.
DF 110W	White	White	Awned	83.7	83.9	86.1	-----	57.5	57.6	58.5	-----	16.3	14.5	14.2	-----	2.0	2.4	D.F. Seeds, Inc.
Pioneer variety 25W31	White	White	Awned	83.1	-----	-----	-----	60.1	-----	-----	-----	16.2	-----	-----	-----	1.3	-----	DuPont Pioneer
MCIA Venus	White	White	Awned	82.4	82.4	85.1	-----	58.4	57.6	58.1	-----	15.1	14.0	13.8	-----	2.3	2.6	Michigan Crop Improvement Association
9491W	White	White	Awned	78.5	-----	-----	-----	58.5	-----	-----	-----	16.3	-----	-----	-----	1.3	-----	Dyna-Gro Seed
SY 901	White	White	Awned	78.2	77.8	-----	-----	56.3	56.4	-----	-----	15.6	14.1	-----	-----	2.7	3.4	Syngenta
MCIA E5024	White	White	Awned	76.8	-----	-----	-----	57.3	-----	-----	-----	16.2	-----	-----	-----	1.7	-----	Michigan Crop Improvement Association
<b>MEAN (2014 90 Entries)</b>				<b>88.7</b>	<b>88.1</b>	<b>88.3</b>	<b>87.5</b>	<b>58.9</b>	<b>58.2</b>	<b>58.6</b>	<b>58.8</b>	<b>15.6</b>	<b>14.3</b>	<b>13.9</b>	<b>13.8</b>	<b>3.0</b>	<b>3.1</b>	
<b>LSD (0.05)</b>				<b>3.2</b>	<b>4.6</b>	<b>4.1</b>	<b>3.9</b>	<b>0.7</b>	<b>1.1</b>	<b>1.0</b>	<b>1.0</b>	<b>0.6</b>	<b>1.3</b>	<b>0.8</b>	<b>0.7</b>	<b>1.8</b>	<b>2.5</b>	
<b>CV (%)</b>				<b>4.8</b>	<b>2.6</b>	<b>2.9</b>	<b>3.2</b>	<b>1.6</b>	<b>0.9</b>	<b>1.0</b>	<b>1.2</b>	<b>5.0</b>	<b>4.4</b>	<b>3.5</b>	<b>3.8</b>	<b>42.9</b>	<b>41.6</b>	