

## 2012 Michigan State University Wheat Performance Trials (Including Experimentals)

Multi-year data are the most informative.  
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Table 1 : Multi-Year Performance Summary (Note: Tables sorted by 2012 Yield, red wheats grouped before white)

Name	Grain Color	Chaff Color	Awns	Yield: Bushels/Acre (Adjusted to 13.5% Moisture)				Test Weight: lbs/Bushel				Percent Grain Moisture at Harvest				Organization
				Multi-Year Averages				Multi-Year Averages				Multi-Year Averages				
				2012	2011-12	2010-12	2009-12	2012	2011-12	2010-12	2009-12	2012	2011-12	2010-12	2009-12	
Pioneer Brand 25R40	Red	White	Awned	98.8	-----	-----	-----	60.6	-----	-----	-----	13.4	-----	-----	-----	Dupont Pioneer
Pioneer Brand 25R34	Red	White	Awned	96.8	95.5	-----	-----	58.8	59.0	-----	-----	13.9	14.0	-----	-----	Dupont Pioneer
RS972	Red	White	Tip Awned	96.7	-----	-----	-----	59.0	-----	-----	-----	14.1	-----	-----	-----	Rupp Seeds, Inc
RS979	Red	White	Tip Awned	94.2	-----	-----	-----	58.2	-----	-----	-----	13.9	-----	-----	-----	Rupp Seeds, Inc
AgriMAXX EXP1215	Red	White	Tip Awned	94.1	-----	-----	-----	58.0	-----	-----	-----	14.1	-----	-----	-----	AgriMAXX Wheat Company
DF105R	Red	White	Awned	94.0	93.9	-----	-----	59.1	59.1	-----	-----	13.0	12.7	-----	-----	D.F. Seeds, Inc.
9223	Red	White	Tip Awned	93.9	-----	-----	-----	58.9	-----	-----	-----	13.7	-----	-----	-----	Dyna-Gro Seed
DF 109R	Red	White	Tip Awned	93.8	-----	-----	-----	58.7	-----	-----	-----	13.9	-----	-----	-----	D.F. Seeds, Inc.
RS967	Red	White	Awned	93.6	93.0	93.1	-----	60.4	60.8	60.2	-----	13.2	13.3	13.4	-----	Rupp Seeds, Inc
Marion	Red	White	Tip Awned	93.3	-----	-----	-----	59.7	-----	-----	-----	13.0	-----	-----	-----	Steyer Seeds
Shirley	Red	White	Awntletted	93.0	93.5	-----	-----	58.5	58.4	-----	-----	13.6	14.4	-----	-----	Dyna-Gro Seed
Hunker	Red	White	Tip Awned	92.7	-----	-----	-----	58.3	-----	-----	-----	14.3	-----	-----	-----	Steyer Seeds
MCIA EXP4	Red	White	Awntletted	92.4	-----	-----	-----	60.1	-----	-----	-----	14.1	-----	-----	-----	Michigan Crop Improvement Association
W125	Red	White	Tip Awned	92.3	-----	-----	-----	58.7	-----	-----	-----	13.0	-----	-----	-----	Wellman Seeds, Inc.
MCIA Red Dragon	Red	White	Awntletted	92.2	91.7	91.0	-----	58.3	58.9	58.5	-----	13.0	13.2	13.3	-----	Michigan Crop Improvement Association
Sunburst	Red	White	Tip Awned	91.8	92.0	91.2	92.6	62.2	60.7	60.6	60.6	14.5	13.7	14.2	14.7	Michigan Crop Improvement Association
W208	Red	White	Awntletted	91.8	-----	-----	-----	59.2	-----	-----	-----	14.5	-----	-----	-----	Wellman Seeds, Inc.
Diener 506W	Red	White	Tip Awned	91.5	-----	-----	-----	58.1	-----	-----	-----	14.3	-----	-----	-----	BioTown Seeds
AgriMAXX 413	Red	White	Awned	91.4	-----	-----	-----	59.3	-----	-----	-----	13.0	-----	-----	-----	AgriMAXX Wheat Company
Heilman	Red	White	Tip Awned	91.4	-----	-----	-----	58.5	-----	-----	-----	13.2	-----	-----	-----	Steyer Seeds
Edge	Red	White	Tip Awned	91.4	-----	-----	-----	60.7	-----	-----	-----	12.9	-----	-----	-----	Direct Enterprises
DF55	Red	White	Tip Awned	91.0	88.9	88.4	90.0	59.8	59.7	59.2	59.1	13.4	13.6	13.7	14.1	D.F. Seeds, Inc.
VA08W-294	Red	White	Tip Awned	90.9	-----	-----	-----	61.3	-----	-----	-----	13.8	-----	-----	-----	Virginia Crop Improvement Association / Virginia Tech
RS935	Red	White	Awned	90.5	91.0	91.2	-----	59.1	59.0	58.3	-----	13.1	12.9	12.9	-----	Rupp Seeds, Inc
Pioneer Brand 25R39	Red	White	Tip Awned	90.4	90.7	88.0	89.2	60.0	60.1	59.0	58.8	13.5	13.8	13.9	14.2	Dupont Pioneer
W123	Red	White	Awntletted	90.4	92.1	89.8	-----	58.6	59.0	58.4	-----	13.2	13.0	13.1	-----	Wellman Seeds, Inc.
9042	Red	White	Awntletted	90.2	91.2	90.1	-----	59.6	59.7	59.1	-----	13.1	13.1	13.3	-----	Dyna-Gro Seed
MCIA EXP2R	Red	White	Awntletted	90.1	-----	-----	-----	61.1	-----	-----	-----	13.3	-----	-----	-----	Michigan Crop Improvement Association
MCIA Red Devil	Red	White	Awned	89.8	91.9	92.9	-----	60.3	60.4	59.8	-----	13.7	13.8	13.9	-----	Michigan Crop Improvement Association
WBX700	Red	White	Awntletted	89.7	-----	-----	-----	58.7	-----	-----	-----	14.8	-----	-----	-----	Westbred
Sienna	Red	White	Awntless	89.6	93.3	-----	-----	58.4	58.9	-----	-----	13.0	13.1	-----	-----	Direct Enterprises
Diener 492W	Red	White	Awned	89.5	-----	-----	-----	58.8	-----	-----	-----	13.0	-----	-----	-----	BioTown Seeds
W124	Red	White	Awntletted	89.1	90.0	-----	-----	60.5	60.7	-----	-----	13.2	13.1	-----	-----	Wellman Seeds, Inc.
MH07-7483	Red	White	Tip Awned	89.1	-----	-----	-----	59.0	-----	-----	-----	14.9	-----	-----	-----	Syngenta
9053	Red	White	Awned	88.9	88.6	-----	-----	58.5	58.1	-----	-----	12.9	12.9	-----	-----	Dyna-Gro Seed
Pioneer Brand 25R32	Red	White	Awned	88.8	87.6	-----	-----	61.2	61.1	-----	-----	13.3	13.3	-----	-----	Dupont Pioneer
MCIA Blazer	Red	White	Awntletted	88.7	-----	-----	-----	61.4	-----	-----	-----	13.3	-----	-----	-----	Michigan Crop Improvement Association
Merl	Red	White	Tip Awned	88.4	89.6	86.6	88.6	60.9	60.8	60.2	60.0	14.3	14.4	14.4	14.7	Michigan Crop Improvement Association / Virginia Tech
9922	Red	White	Awned	88.4	91.1	91.2	-----	60.2	60.1	59.6	-----	13.5	13.8	14.0	-----	Dyna-Gro Seed
W1104	Red	White	Tip Awned	88.3	91.2	90.7	-----	58.7	59.0	58.2	-----	13.3	13.6	13.6	-----	Syngenta
MCIA Butch	Red	White	Awntletted	87.6	89.3	88.8	89.7	58.5	58.5	57.5	57.2	13.1	13.0	13.0	13.2	Michigan Crop Improvement Association
VA06W-412	Red	White	Tip Awned	87.6	-----	-----	-----	61.2	-----	-----	-----	14.5	-----	-----	-----	Michigan Crop Improvement Association / Virginia Tech
Attack	Red	White	Awntletted	87.5	-----	-----	-----	59.2	-----	-----	-----	13.4	-----	-----	-----	D.F. Seeds, Inc.

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Name	Grain Color	Chaff Color	Yield: Bushels/Acre (Adjusted to 13.5% Moisture)				Test Weight: lbs/Bushel Multi-Year Averages				Percent Grain Moisture at Harvest Multi-Year Averages				Organization
			2 YR	3 YR	4 YR	2012	2 YR	3 YR	4 YR	2012	2 YR	3 YR	4 YR	2012	
			2011-12	2010-12	2009-12	2011-12	2010-12	2009-12	2011-12	2010-12	2009-12	2011-12	2010-12	2009-12	
Hopewell	Red	Awnletted	87.4	88.2	88.6	90.0	59.9	60.3	59.4	59.0	13.5	13.6	13.7	13.8	Michigan Crop Improvement Association
OH06-159-6	Red	White Awnletted	86.6	-----	-----	-----	59.7	-----	-----	-----	13.7	-----	-----	Michigan State University	
Red Ruby	Red	White Awned	86.2	88.1	88.7	91.0	60.4	60.6	59.8	59.4	13.1	13.2	13.5	14.0	Michigan Crop Improvement Association
MSU Line E9021R	Red	White Awned	86.1	-----	-----	-----	60.4	-----	-----	-----	13.7	-----	-----	Michigan State University	
VA08W-176	Red	White Tip Awned	86.0	-----	-----	-----	62.0	-----	-----	-----	14.2	-----	-----	Virginia Crop Improvement Association / Virginia Tech	
Quest	Red	White Awnletted	85.0	85.3	-----	-----	58.1	58.5	-----	-----	12.8	12.9	-----	Direct Enterprises	
DF75	Red	White Tip Awned	84.8	85.5	84.3	87.1	60.1	60.1	59.3	59.2	13.6	13.7	14.2	D.F. Seeds, Inc.	
MCIA EXP3R	Red	White Awnletted	84.8	-----	-----	-----	60.3	-----	-----	-----	13.2	-----	-----	Michigan Crop Improvement Association	
Bromfield	Red	White Awnletted	84.5	-----	-----	-----	60.1	-----	-----	-----	13.3	-----	-----	Michigan Crop Improvement Association	
Maliabar	Red	White Awnletted	83.9	87.3	87.3	88.9	59.7	60.1	59.6	59.2	13.3	13.4	13.5	13.7	Ohio Seed Improvement Association
TW412-011	Red	White Awnletted	83.7	-----	-----	-----	58.6	-----	-----	-----	18.1	-----	-----	Hyland Seeds	
LCS 3103	Red	White Awnletted	82.6	-----	-----	-----	60.2	-----	-----	-----	13.3	-----	-----	Limagrain Cereal Seeds	
LCS 4101	Red	White Awnletted	82.4	-----	-----	-----	60.3	-----	-----	-----	13.6	-----	-----	Limagrain Cereal Seeds	
LCS 4103	Red	White Awnletted	82.4	-----	-----	-----	60.1	-----	-----	-----	13.5	-----	-----	Limagrain Cereal Seeds	
LCS 5114	Red	White Awned	81.7	-----	-----	-----	59.5	-----	-----	-----	14.7	-----	-----	Limagrain Cereal Seeds	
Emmit	Red	White Awnletted	80.9	85.9	86.0	88.1	58.8	59.0	58.5	58.4	14.0	14.4	14.5	14.7	Hyland Seeds
OH05-200-74	Red	Bronze Awnletted	80.7	-----	-----	-----	58.8	-----	-----	-----	13.9	-----	-----	Michigan State University	
LCS 4123	Red	White Awned	80.5	-----	-----	-----	59.2	-----	-----	-----	14.6	-----	-----	Limagrain Cereal Seeds	
HY116-SRW	Red	White Awnletted	80.4	84.8	84.2	85.6	58.1	58.7	58.0	57.9	13.5	13.5	13.5	13.7	Hyland Seeds
MCIA 2011-22W	White	White Tip Awned	91.2	-----	-----	-----	60.8	-----	-----	-----	13.3	-----	-----	Michigan Crop Improvement Association	
VA09W-188WS	White	White Awned	90.6	-----	-----	-----	59.0	-----	-----	-----	13.3	-----	-----	Virginia Crop Improvement Association / Virginia Tech	
DF 110W	White	White Awned	90.5	-----	-----	-----	60.5	-----	-----	-----	13.5	-----	-----	D.F. Seeds, Inc.	
9242W	White	White Awnletted	89.3	87.6	-----	-----	60.0	60.1	-----	-----	13.3	13.3	-----	Dyna-Gro Seed	
Ambassador	White	White Awnletted	89.1	88.2	88.7	90.9	58.2	58.4	57.9	57.3	12.9	12.8	13.0	13.0	D.F. Seeds, Inc. / Cooperative Elevator Co.
AC Mountain	White	White Awnletted	87.8	87.5	86.0	87.7	57.6	58.1	57.9	57.6	13.2	13.1	13.2	13.3	Michigan Crop Improvement Association
Pioneer Brand 25W43	White	White Tip Awned	87.2	86.9	85.4	87.7	59.3	59.1	58.4	57.9	13.4	13.4	13.4	13.6	Dupont Pioneer
Jupiter	White	Bronze Awnletted	86.3	87.8	87.6	89.1	58.3	58.6	57.9	57.4	14.1	13.8	13.7	14.0	Michigan Crop Improvement Association
MSU Line E6012	White	White Awned	85.2	85.3	85.9	87.1	60.6	60.4	59.6	59.1	13.2	13.1	13.2	13.3	Michigan State University
Aubrey	White	White Awnletted	83.7	84.3	86.3	87.7	59.7	60.7	60.1	59.7	13.4	13.5	13.8	13.9	D.F. Seeds, Inc. / Cooperative Elevator Co. / Farmers Co-op Grain Co.
MSU Line E8052	White	White Awned	82.1	83.9	-----	-----	59.7	59.2	-----	-----	13.4	13.5	-----	-----	Michigan State University
Ava	White	White Awnletted	80.8	83.3	83.2	86.6	56.7	57.5	57.0	57.0	16.4	16.4	16.3	16.1	Hyland Seeds
TW319-SWW	White	White Awnletted	80.5	83.5	84.6	-----	59.9	60.1	59.3	-----	13.4	13.4	13.6	-----	Hyland Seeds
W1062	White	White Tip Awned	80.1	84.1	84.1	85.8	57.9	58.4	57.8	57.4	14.6	14.9	15.1	15.3	Syngenta
Linebacker	White	White Awnletted	80.0	84.0	84.0	85.0	57.5	58.0	57.2	56.9	15.1	15.4	16.0	16.0	D.F. Seeds, Inc.
Coral	White	Bronze Awnletted	79.6	83.1	83.5	86.1	58.0	58.5	58.0	57.9	14.3	14.6	14.8	14.8	Michigan Crop Improvement Association
Caledonia	White	White Awnletted	78.4	81.7	81.3	83.5	58.3	58.5	57.8	57.4	14.0	13.9	14.0	14.1	Harrington Seeds, Inc.
TW528-003	White	White Awnletted	77.7	-----	-----	-----	58.8	-----	-----	-----	14.1	-----	-----	-----	Hyland Seeds
MSU Line E5024	White	White Awned	76.6	81.1	82.3	85.2	60.3	60.2	59.5	59.2	13.1	13.5	13.6	14.0	Michigan Crop Improvement Association
MSU D8006	White	White Awned	76.6	79.4	81.8	84.4	59.2	59.1	58.7	58.2	13.1	13.1	13.2	13.5	Michigan Crop Improvement Association
Envoy	White	White Awned	75.8	82.4	84.8	86.8	59.8	60.0	59.5	59.2	13.7	13.6	13.7	13.9	Platinum Genetics, LLC
<b>MEAN (2012 = 92 Entries)</b>			<b>87.8</b>	<b>87.8</b>	<b>87.1</b>	<b>87.8</b>	<b>59.5</b>	<b>59.4</b>	<b>58.8</b>	<b>58.4</b>	<b>13.7</b>	<b>13.6</b>	<b>13.8</b>	<b>14.2</b>	
<b>LSD (0.05)</b>			<b>3.8</b>	<b>5.6</b>	<b>4.7</b>	<b>4.0</b>	<b>0.5</b>	<b>1.1</b>	<b>0.9</b>	<b>0.8</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	
<b>CV (%)</b>			<b>5.4</b>	<b>3.2</b>	<b>3.3</b>	<b>3.2</b>	<b>1.1</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>4.1</b>	<b>2.6</b>	<b>2.5</b>	<b>3.2</b>	