# 2026 Michigan State Wheat Performance Trials

**Photo: Wheat Performance Trials, Tuscola County**

MICHIGAN STATE UNIVERSITY | Extension

MICHIGAN WHEAT PROGRAM

# 2026 Michigan State Wheat Performance Trials

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*August 4, 2026*

Last September – December had below normal rainfall, which exacerbated drought conditions. By October 14, 2025, 68% of the state was on the U.S Drought monitor. Wheat planting remained on par with normal according to the USDA Crop Weather Reports. Early planted wheat where soil moisture was adequate for germination and emergence, tillered out well and looked good going into dormancy. However, most growers reported that despite near normal temperatures, wheat growth was slow in the fall and tillering was reduced as a result.

The wheat crop in Michigan overwintered well, despite much below normal temperatures during several periods over the winter. Snow cover helped the crop to make it through into the spring. April rainfall was as much as 440% above April 2025 (see Fig. 1). This caused ponding and waterlogged soils. Sandy soils and fields with adequate tile drainage survived with minor damage. Others suffered with poor root growth, slower nutrient uptake and low areas that were completely dead.

Disease pressure was relatively low this year. Septoria and powdery mildew could be found in most fields, but levels of infection remained low. Stripe rust appeared early in Ontario, which concerned MI growers. Some areas did experience high stripe rust levels, but most parts of the state saw very little or no infection. Several late season frost events caused damage to some tillers in many fields. This, coupled with the very wet April caused early death on some tillers. Most fields had sooty mold by harvest time with farmers reporting black combines all across the state.

Armyworm caught several growers by surprise with very high levels, stripping the leaves off plants and even eating the awns on awned varieties. Moth trap captured spiked in late May/early June. Some growers caught the armyworm early enough to spray an insecticide while others caught it too late and the damage was already done. Cereal leaf beetle populations seem to be increasing in the state each year. It used to be hard to find cereal leaf beetles, but now you can find them in almost all fields.

At harvest, crop quality was initially high with no reports of fusarium head blight. Test weights were generally above average with some growers reporting an incentive payment for high test weight values. There were a few hot spots where falling number was low. It remained dry through much of the harvest period, so Preharvest Sprout (PHS) is not likely the culprit. More likely the cause was Late Maturity Amylase (LMA) activity. This phenomenon is caused by a large swing between daily high and daily low temperatures. There was a week of hot weather in the third week of June, followed by a much cooler period. Temperatures dropped from the low 90's to 70's, with overnight lows dropping into the low 50's. This swing in temperature is enough to trigger amylase activity in the seed, causing low falling numbers in some areas. Wheat MUST be in the soft dough stage for LMA to occur.

Figure 1. Number of days above 90 F, 85 F and rainfall data from Michigan Automated Weather Station Network, MSU for three of the MSU Wheat Variety Trial Locations for the 2024, 2025 and 2026 growing seasons. 2026 data was reported through July 19, 2026.

| | 2024 | | | 2025 | | | 2026 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Pigeon | Richville | Mason | Pigeon | Richville | Mason | Pigeon | Richville | Mason |
| Above 90 F | 3 | 1 | 2 | 6 | 4 | 6 | 5 | 7 | 9 |
| Above 85 F | 10 | 9 | 14 | 16 | 15 | 20 | 14 | 16 | 21 |
| April (in) | 2.2 | 2.8 | 2.5 | 1.1 | 3.7 | 3.0 | 4.7 | 5.9 | 5.6 |
| May (in) | 2.8 | 4.1 | 2.8 | 1.7 | 4.5 | 3.9 | 0.9 | 0.8 | 1.6 |
| June (in) | 2.2 | 3.9 | 3.9 | 7.1 | 3.9 | 3.6 | 5.4 | 4.5 | 3.3 |
| July (in) | 3.5 | 3.2 | 4.7 | 1.0 | 1.9 | 1.4 | 0.7 | 1.5 | 0.7 |

**Choosing Varieties**
Variety selection is best made using at least three years of data. Varieties selected using data across all locations and multiple years will likely perform well under a wide range of conditions; although, performance of a given variety will vary based on testing location. In selecting varieties for a specific location, it is important to identify varieties that perform well near the location where the variety will be grown. Table 1 provides information on which varieties are top performers in each of the reported trial locations in 2024 through 2026. Selection and planting of two or more varieties is recommended. As an example, planting varieties that differ in heading date can allow for staggering of management applications, specifically, fungicides to control Fusarium head blight. When selecting varieties, look at disease resistance as well as yield potential.

**Disclaimer: MSU *makes no endorsement of any wheat variety or brand.***

**Experimental Design**
The 2026 State Wheat Performance Trial entries were planted in 7 counties: Gratiot, Allegan, Ingham, Huron, Monroe, Sanilac and Tuscola. Appendix A (below) presents information on each of these sites. Each plot contained 6 rows with 7.5" row spacing and was planted to a length of 16 feet. Plots were trimmed to a length of 12 feet long in the spring for harvesting purposes. Sites were designed as Alpha Lattice with three replications. All seed was treated, but the chemicals and rates used varied according to the preferences of the originating organization. Seeding rates per linear foot of row were standardized to the rate that would equate with a stand of 1.5 million seeds per acre in a solid stand planted in 7.5" rows. Fall fertilizer application varied with cooperator practice.

All sites received split nitrogen application (60 pounds at Feekes 4-5 and 60 pounds at Feekes 6-7), sulfur was applied (24 pounds) with the first nitrogen application, fungicide application (T3) and herbicide application to control weeds.

All plots within a location were harvested on a single day (except Allegan). Yield was calculated using the entire area of the plot including the wheel tracks between plots leading to an underestimation of yield. For data reported on a 0-9 scale 0 is the best possible score. Data is not being reported for Monroe County due to combine errors which delayed harvest beyond one day, then rainfall prevented harvest for two more days.

Five of our experimental sites are on private farmland. We are extremely grateful to those growers for accommodating our work and all the associated inconveniences. Funding for the high-management trial inputs was provided by the Michigan Wheat Program. Questions and comments regarding the research reported here should be directed to Dennis Pennington at pennin34@msu.edu or (269) 832-0497. This report and previous reports, may also be accessed through the Web at http://www.varietytrials.msu.edu/wheat .

**Multi-Year Performance Summary**
The full trial included 129 entries (77 of which were experimental lines) from 11 organizations, including Michigan State University, and data analyses were conducted using all of these entries. Attached to this narrative is a list of the names and contact information for those organizations. Each row in these tables has data for a single entry. The columns contain averages for a given trait and time period. Data for all the entries in this trial are not presented here. However, the averages and statistical parameters in this report are based on the entire set of evaluated materials. **Comparisons among entries are only valid within a column**. Tables 1 and 2 are sorted first by grain color, and then in descending order by overall yield for 2026. Tables 3 and 4 are sorted in alphabetic order by company and entry name. In some instances (e.g. yield), data columns to the right of the 2026 data columns are multi-year averages. Only data for entries included in all the relevant years' tests are found here. Not all entries have been tested in all years, so the tables have several blank cells. See the section titled 'Experimental Design' for details on how the trials were conducted and for more detail on what the data in each column represents.

At the bottom of most columns in the tables is the trial average (mean), LSD (least significant difference), and CV (coefficient of variation) for data in that column. LSD values vary among traits and data sets (combinations of sites and years). Differences between the means for two entries that are greater than the LSD for that column are very likely to reflect a genuine difference between the two varieties. If the difference between two means is smaller than the LSD for that column, one should conclude that there is **no evidence that those entries are different for that trait** in the years and sites considered.

**Table 1** contains yield data. This data was acquired electronically on the plot combine at the time of harvest using a Harvest Master II from Juniper Systems. Yield data is standardized to 13.5% moisture. The 2026 yield data contains the multi-year yield averages of for entries included in all of the relevant years' tests.

**Table 2** contains test weight and percent moisture for all locations along with the overall average across locations.

**Table 3** contains data on resistance to Fusarium Head Blight (FHB, scab). Once 2026 data from the lab are back, this report will be updated. Scab data were obtained from heavy disease pressure in an inoculated scab screening nursery. FHB infected grain is spread to provide inoculum and artificial misting provides disease-promoting conditions throughout the entire flowering period. 2026 grain samples will be submitted for DON analysis and will be reported later. Spikes were sampled from two replicates of the Ingham County site for **Falling Number (FN).** Spikes were harvested at physiological maturity and dried five days and then subjected to misting in the greenhouse for 48 hours. Whole meal flour was milled from misted grain using a coffee grinder. FN was then evaluated in two technical replicates on each biological replicate.

The **heading date** indicates the average number of days past January 1st that a given entry reached the point where ½ of its heads were emerged past the auricles of the flag leaf. **Plant height** is reported as the distance in inches from the ground to the tip of average heads in a plot.

**FHB Resistance Traits**
Severity: The average percent of infected spikelets in each head.
DON: Levels of mycotoxin (ppm) present in grain. DON data is from the 2025 crop year.

Levels of DON and severity are the most reliable traits to be used in selecting FHB-resistant varieties.

**Lodging** was rated for the percentage of each plot that plants were not completely erect and standing (**Lodging %** column), the angle to which plants were leaning in degrees from upright (90 degrees would be flat on the ground, 45 degrees would be half way over to the ground) and is reported in **Lodging Angle Degree** column. The **Lodging Score** column is calculated by multiplying the Lodging % x Lodging Angle Degree / 90. A low score means there was only minor lodging or plants leaning slightly. A larger number indicates higher amount of plants lodged and the closer to the ground. A Lodging Score of 100 would mean that every plant was completely laying on the ground.

**Table 4** contains data for **milling and baking quality**. Quality data are from the 2025 harvest season and prior. Data were generated by the USDA Eastern Soft Wheat Quality Laboratory in Wooster, Ohio on grain harvested from the Michigan State Variety trial each year. Flour yield is the ratio of the weight of extractable flour to the weight of milled grain, expressed as a percentage. Percent protein in flour is adjusted at 14% moisture. Softness equivalent percent is the softness of the flour, with higher values indicating softer grained wheat. For cookie diameter, a larger diameter is better. Whole grain protein (%) and whole grain hardness are reported with 0-100, and higher values indicating harder wheat. The quality lab test weight is not identical to the test weight at harvest due to grain drying and grain cleaning prior to quality laboratory test weight evaluation. Solvent Retention Capacity (SRC) can be conducted on flour using several different solvents and reflects different characteristics of flour quality. Soft wheat flour for cookies typically have a target of 95% or less when used by the US baking industry for biscuits and crackers. Sodium carbonate SRC increases as starch damage due to milling increases. Normal values for good milling soft varieties are 68% or less. Lactic acid measures gluten strength with "weak" soft varieties having values below 85% and strong gluten soft varieties having values, typically, above 105% or 110%.

# 2026 Michigan State University Wheat Performance Trials

**Appendix A. Trial Site Descriptions for 2026 MSU Wheat Performance Trials.**

| | FUSARIUM HEAD BLIGHT NURSERY | HURON COUNTY | GRATIOT COUNTY | Monroe COUNTY | SANILAC COUNTY | TUSCOLA COUNTY | INGHAM COUNTY | ALLEGAN COUNTY |
|---|---|---|---|---|---|---|---|---|
| COOPERATOR | Michigan State University | Darwin Sneller | Wallace Loewen | Brad Kamprath | Bartle | Saginaw Valley Research and Extension Center | Michigan State University | Nick Suwyn |
| NEAREST CITY | Lansing | Sebewaing | Middleton | Ida | Brown City | Richville | Mason | Wayland |
| PLANTING DATE | October 6, 2025 | October 13, 2025 | September 30, 2025 | October 3, 2025 | October 2, 2025 | September 20, 2025 | September 19, 2025 | September 30, 2025 |
| HARVEST DATE | N/A | July 17, 2026 | July 13, 2026 | July 9, 2026 | July 14, 2026 | July 16, 2026 | July 12, 2026 | July 11, 2026 - July 15, 2026 |
| SOIL TYPE | Capac loam, 0 to 4 percent slopes & Colwood-Brookston loams | Kilmanagh Loam | Dixboro fine sandy loam, 0 to 3 percent slopes | Pewamo clay loam | Parkhill Loam and clay loam, 0 to 2 percent slopes | Tappan-Londo loams, 0 to 3 percent slopes | Conover loam, 0 to 4 percent slopes | Ockley loam, 1 to 6 percent slopes |
| PRE-PLANT FERTILIZER | 100# 11-52-0 100# 0-0-60 | 230#/a 8-17-27-7.5 S + 0.43 Zn | 250 # 8-18-28 4.8 S | 350# 3-17-24 + 2 S + 3 MN | 2000 # 4-3-0 | 20# N, 36# P, 59#K2O, 10.7# S, 0.6# Ca, 4.5# Mg, 1.2# Zn, 0.6# Mn, 0.35# B | 35.3 # N 164.5 # P 27.8 # K | 30# 46-0-0, 50# 21-0-0 + 24 S, 125# 0-0-60 |
| COMMENTS | Inoculated / Misted Fusarium Head Blight Screening Nursery. | Additional 60 lbs. Nitrogen Applied | Additional 60 lbs. Nitrogen Applied | Additional 60 lbs. Nitrogen Applied | Additional 60 lbs. Nitrogen Applied | Additional 60 lbs. Nitrogen Applied | Additional 60 lbs. Nitrogen Applied, T3 Fungicide Applied | Additional 60 lbs. Nitrogen Applied, T2/T3 Fungicide Applied |
| AVERAGE YIELD (BUSHELS / ACRE) | N/A | 105.5 | 106.1 | N/A | 124.5 | 107.4 | 118.4 | 93.0 |
| AVERAGE PERCENT GRAIN MOISTURE AT HARVEST | N/A | 15.1 | 13.1 | N/A | 13.1 | 13.1 | 15.5 | 14.3 |
| AVERAGE TEST WEIGHT (LBS. / BUSHEL) | N/A | 60.6 | 58.5 | N/A | 59.4 | 57.7 | 55.9 | 55.4 |
| 2026 DATA RECORDED (NUMBER OF REPS) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| T2/T3 FUNGICIDE APPLICATION DATE | N/A | N/A | N/A | N/A | N/A | N/A | T3: 5/16/2026 | T2: April 23, 2026 & T3: May 22, 2026 |
| FLOWERING FUNGICIDE APPLICATION DATE | N/A | June 4, 2026 | June 1, 2026 | May 28, 2026 | June 4, 2026 | June 1, 2026 | May 28, 2026 | May 28, 2026 |
| GREEN-UP FERTILIZER | 90lbs Nitrogen 20 lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur | 60 lbs Nitrogen 20lbs Sulfur |

# 2026 Michigan State University Wheat Performance Trials

able 1 : Multi-Year Performance Summary

* Tables sorted by 2026 High Management Yield, white wheat grouped before red

** Yield (Bu/A adjusted to 13.5% Moisture)

| Line Name | Seed Color | Overall (across all sites) | | | | Allegan | | Central MI | | Huron | | | | Ingham | | Sanilac | | | | Tuscola | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2026 | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2 Yr Avg | 3 Yr Avg |
| | | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | Bu/A | Rank | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | 25-26 | 24-26 |
| yna-Gro 9742W | W | 115.8 | 1 | -- | -- | 103.0 | 1 | 114.2 | 1 | 106.1 | 5 | -- | -- | 124.0 | 2 | 127.2 | 6 | -- | -- | 120.0 | 1 | -- | -- |
| MI22W213 | W | 112.3 | 2 | 115.1 | -- | 92.4 | 6 | 112.7 | 3 | 109.5 | 1 | 117.2 | -- | 122.9 | 4 | 128.0 | 3 | 117.6 | -- | 108.4 | 7 | 110.5 | -- |
| WS687 | W | 111.1 | 3 | -- | -- | 91.5 | 7 | 111.3 | 6 | 103.3 | 13 | -- | -- | 122.6 | 5 | 126.0 | 8 | -- | -- | 111.8 | 4 | -- | -- |
| yna-Gro 9641W | W | 110.2 | 4 | 114.1 | -- | 90.3 | 11 | 113.5 | 2 | 103.9 | 10 | 117.8 | -- | 119.4 | 13 | 127.2 | 5 | 116.5 | -- | 107.0 | 8 | 108.2 | -- |
| MI23W180 | W | 109.8 | 5 | -- | -- | 89.8 | 13 | 112.4 | 4 | 104.5 | 8 | -- | -- | 119.6 | 12 | 127.6 | 4 | -- | -- | 104.9 | 14 | -- | -- |
| WS634 | W | 109.7 | 6 | -- | -- | 88.2 | 14 | 95.3 | 19 | 109.4 | 2 | -- | -- | 120.5 | 10 | 128.3 | 2 | -- | -- | 116.5 | 2 | -- | -- |
| MI24W221 | W | 109.2 | 7 | -- | -- | 90.8 | 10 | 98.9 | 17 | 105.0 | 6 | -- | -- | 121.7 | 7 | 124.1 | 9 | -- | -- | 114.5 | 3 | -- | -- |
| WS685 | W | 108.8 | 8 | -- | -- | 93.6 | 5 | 109.6 | 7 | 103.6 | 12 | -- | -- | 118.2 | 15 | 121.7 | 14 | -- | -- | 106.3 | 10 | -- | -- |
| MI24W116 | W | 108.8 | 9 | -- | -- | 86.7 | 15 | 104.2 | 14 | 101.5 | 18 | -- | -- | 126.2 | 1 | 133.1 | 1 | -- | -- | 100.9 | 17 | -- | -- |
| yna-Gro 9242W | W | 108.7 | 10 | 112.0 | 109.3 | 98.5 | 2 | 107.4 | 9 | 99.1 | 19 | 113.5 | 112.0 | 115.5 | 16 | 126.4 | 7 | 117.1 | 114.3 | 105.0 | 13 | 105.3 | 101.7 |
| MCIA 24006 | W | 108.5 | 11 | 114.5 | -- | 81.4 | 18 | 111.8 | 5 | 109.0 | 3 | 119.6 | -- | 121.4 | 8 | 120.6 | 15 | 115.9 | -- | 106.6 | 9 | 108.1 | -- |
| MSU 609W | W | 108.4 | 12 | 112.2 | -- | 91.2 | 9 | 107.4 | 10 | 103.9 | 11 | 114.3 | -- | 122.4 | 6 | 122.6 | 12 | 114.3 | -- | 102.8 | 16 | 108.0 | -- |
| griMAXX Mackinaw | W | 108.3 | 13 | 111.3 | 108.6 | 91.2 | 8 | 105.8 | 11 | 104.2 | 9 | 113.9 | 111.4 | 120.9 | 9 | 122.2 | 13 | 111.8 | 109.0 | 105.5 | 12 | 108.2 | 105.4 |
| griMAXX Bad Axe | W | 108.0 | 14 | 114.9 | -- | 98.2 | 3 | 104.5 | 13 | 102.4 | 14 | 115.7 | -- | 114.3 | 17 | 119.7 | 17 | 114.3 | -- | 109.0 | 6 | 114.8 | -- |
| F 284 W | W | 108.0 | 15 | 109.5 | 108.9 | 90.2 | 12 | 105.6 | 12 | 102.1 | 15 | 113.5 | 114.1 | 122.9 | 3 | 117.1 | 19 | 106.2 | 107.3 | 110.1 | 5 | 108.9 | 105.4 |
| MCIA White Lightning | W | 106.5 | 16 | 112.1 | 111.1 | 83.6 | 17 | 107.9 | 8 | 101.7 | 16 | 114.6 | 114.8 | 120.3 | 11 | 119.8 | 16 | 112.6 | 111.6 | 106.1 | 11 | 109.1 | 107.1 |
| F 271 W | W | 106.2 | 17 | 108.7 | 108.0 | 94.7 | 4 | 98.6 | 18 | 107.1 | 4 | 115.7 | 114.9 | 113.5 | 18 | 118.8 | 18 | 101.9 | 103.1 | 104.6 | 15 | 108.6 | 106.0 |
| upiter | W | 106.0 | 18 | 109.6 | 107.8 | 84.7 | 16 | 102.1 | 16 | 104.9 | 7 | 115.9 | 114.4 | 119.2 | 14 | 124.1 | 10 | 112.8 | 111.6 | 100.8 | 18 | 100.2 | 97.5 |
| Whitetail | W | 101.8 | 19 | 109.0 | 108.1 | 72.1 | 19 | 102.8 | 15 | 101.7 | 17 | 114.8 | 113.5 | 113.1 | 19 | 123.9 | 11 | 111.8 | 110.9 | 96.9 | 19 | 100.4 | 100.0 |
| F 144 R | R | 117.6 | 1 | 119.1 | 115.7 | 111.3 | 3 | 108.4 | 22 | 112.8 | 2 | 123.0 | 120.2 | 121.7 | 14 | 127.8 | 16 | 120.3 | 117.5 | 123.1 | 1 | 114.1 | 109.4 |
| yna-Gro 9771 | R | 117.1 | 2 | -- | -- | 100.9 | 12 | 108.2 | 24 | 118.0 | 1 | -- | -- | 120.3 | 27 | 139.4 | 1 | -- | -- | 115.9 | 7 | -- | -- |
| yna-Gro 9422 | R | 116.6 | 3 | 116.9 | 113.8 | 104.6 | 6 | 107.9 | 27 | 111.4 | 5 | 119.2 | 118.1 | 126.5 | 3 | 129.5 | 10 | 116.0 | 112.6 | 119.8 | 2 | 115.6 | 110.8 |
| SF EXP2506 | R | 115.6 | 4 | 118.7 | -- | 115.1 | 2 | 103.8 | 44 | 104.7 | 42 | 119.9 | -- | 123.5 | 7 | 133.6 | 2 | 119.5 | -- | 112.6 | 13 | 116.6 | -- |
| yna-Gro 9533 | R | 115.0 | 5 | 120.5 | 115.7 | 103.7 | 9 | 110.2 | 11 | 112.2 | 3 | 121.7 | 118.5 | 120.4 | 24 | 125.5 | 29 | 123.7 | 118.0 | 118.2 | 4 | 116.0 | 110.6 |
| SF EXP2504 | R | 115.0 | 6 | -- | -- | 104.5 | 7 | 103.8 | 43 | 110.3 | 9 | -- | -- | 128.0 | 1 | 126.8 | 23 | -- | -- | 116.3 | 6 | -- | -- |
| griMAXX 576 | R | 114.7 | 7 | -- | -- | 104.8 | 4 | 108.0 | 26 | 109.5 | 13 | -- | -- | 124.5 | 6 | 125.4 | 30 | -- | -- | 115.7 | 8 | -- | -- |
| ynergy Emily | R | 114.3 | 8 | -- | -- | 117.0 | 1 | 110.5 | 8 | 107.0 | 30 | -- | -- | 120.5 | 22 | 124.7 | 32 | -- | -- | 105.9 | 36 | -- | -- |
| WS585 | R | 114.1 | 9 | -- | -- | 98.6 | 17 | 110.4 | 9 | 111.4 | 4 | -- | -- | 120.4 | 25 | 128.4 | 13 | -- | -- | 115.2 | 9 | -- | -- |
| WS661 | R | 113.8 | 10 | -- | -- | 96.5 | 24 | 114.3 | 3 | 109.3 | 16 | -- | -- | 121.3 | 18 | 129.9 | 8 | -- | -- | 111.2 | 20 | -- | -- |
| F 106 R | R | 113.4 | 11 | -- | -- | 97.5 | 19 | 110.0 | 13 | 111.3 | 6 | -- | -- | 127.0 | 2 | 127.7 | 17 | -- | -- | 106.9 | 34 | -- | -- |
| S 617 | R | 113.0 | 12 | 114.7 | -- | 102.1 | 10 | 106.7 | 36 | 105.6 | 35 | 117.2 | -- | 119.7 | 29 | 132.9 | 4 | 120.8 | -- | 110.8 | 22 | 106.1 | -- |
| MCIA Ember | R | 112.9 | 13 | -- | -- | 99.0 | 15 | 104.5 | 41 | 107.1 | 29 | -- | -- | 126.1 | 4 | 128.5 | 12 | -- | -- | 112.1 | 14 | -- | -- |
| WS680 | R | 112.9 | 14 | -- | -- | 101.8 | 11 | 102.9 | 48 | 109.5 | 14 | -- | -- | 124.7 | 5 | 121.7 | 45 | -- | -- | 116.7 | 5 | -- | -- |
| MI24R270 | R | 112.8 | 15 | -- | -- | 95.2 | 30 | 108.5 | 19 | 108.2 | 24 | -- | -- | 119.7 | 30 | 133.1 | 3 | -- | -- | 112.1 | 15 | -- | -- |
| MI24R021 | R | 112.7 | 16 | -- | -- | 96.8 | 22 | 115.0 | 2 | 108.7 | 19 | -- | -- | 120.4 | 23 | 126.7 | 24 | -- | -- | 108.7 | 24 | -- | -- |
| griMAXX 575 | R | 112.7 | 17 | 119.8 | -- | 97.7 | 18 | 105.8 | 38 | 109.2 | 17 | 122.2 | -- | 122.6 | 12 | 128.8 | 11 | 123.0 | -- | 112.0 | 16 | 114.1 | -- |
| MI24R272 | R | 112.1 | 18 | -- | -- | 94.2 | 34 | 115.3 | 1 | 108.3 | 23 | -- | -- | 113.6 | 49 | 129.7 | 9 | -- | -- | 111.3 | 19 | -- | -- |
| ynergy Kessler | R | 111.9 | 19 | 115.1 | -- | 99.4 | 14 | 103.4 | 45 | 108.4 | 21 | 120.7 | -- | 121.3 | 17 | 127.1 | 20 | 116.4 | -- | 111.7 | 17 | 108.2 | -- |
| 8VTK10-23 | R | 111.7 | 20 | -- | -- | 103.7 | 8 | 107.4 | 32 | 107.9 | 26 | -- | -- | 116.1 | 45 | 128.2 | 14 | -- | -- | 107.1 | 33 | -- | -- |
| griMAXX 545 | R | 111.4 | 21 | 114.6 | 111.8 | 97.4 | 20 | 108.4 | 23 | 110.1 | 11 | 121.9 | 118.4 | 121.5 | 15 | 125.6 | 27 | 114.9 | 112.3 | 105.6 | 40 | 107.1 | 104.7 |
| MI20R0012-3 | R | 111.3 | 22 | -- | -- | 88.1 | 48 | 106.2 | 37 | 108.3 | 22 | -- | -- | 118.6 | 37 | 127.8 | 15 | -- | -- | 118.6 | 3 | -- | -- |
| MCIA Marlin | R | 111.0 | 23 | 113.4 | 110.3 | 100.1 | 13 | 108.5 | 20 | 104.8 | 41 | 119.0 | 116.7 | 116.7 | 44 | 124.2 | 33 | 109.3 | 106.8 | 111.6 | 18 | 112.0 | 107.5 |
| yna-Gro 9231 | R | 110.9 | 24 | 114.9 | -- | 95.6 | 27 | 104.1 | 42 | 107.5 | 27 | 119.3 | -- | 122.7 | 10 | 132.4 | 5 | 120.7 | -- | 102.8 | 45 | 104.6 | -- |
| MCIA Flipper | R | 110.6 | 25 | 115.2 | 112.0 | 95.6 | 26 | 108.7 | 18 | 109.9 | 12 | 117.8 | 117.4 | 118.5 | 39 | 123.3 | 39 | 115.8 | 112.9 | 107.7 | 29 | 111.9 | 105.7 |
| MCIA Barracuda | R | 110.6 | 26 | 114.8 | 110.3 | 93.7 | 37 | 112.3 | 4 | 110.4 | 7 | 118.8 | 114.5 | 115.8 | 46 | 125.6 | 28 | 117.6 | 112.9 | 105.8 | 37 | 107.9 | 103.6 |
| MCIA Redfin | R | 110.3 | 27 | 115.5 | 113.0 | 93.8 | 36 | 108.2 | 25 | 110.4 | 8 | 121.3 | 119.3 | 118.9 | 33 | 127.3 | 19 | 118.4 | 116.0 | 102.9 | 44 | 106.7 | 103.6 |
| yna-Gro 9632 | R | 110.1 | 28 | 116.3 | -- | 94.5 | 33 | 107.7 | 29 | 109.5 | 15 | 120.7 | -- | 112.3 | 51 | 125.9 | 26 | 116.1 | -- | 110.9 | 21 | 112.2 | -- |
| MCIA 24004 | R | 110.1 | 29 | 117.1 | -- | 96.7 | 23 | 101.1 | 50 | 109.1 | 18 | 120.4 | -- | 122.1 | 13 | 123.9 | 36 | 120.5 | -- | 107.6 | 30 | 110.5 | -- |
| S 600 | R | 110.0 | 30 | 114.6 | 111.3 | 95.4 | 28 | 107.5 | 31 | 104.9 | 40 | 117.0 | 114.7 | 122.6 | 11 | 124.1 | 35 | 117.3 | 113.8 | 105.7 | 39 | 109.5 | 105.5 |
| MI24R148 | R | 109.9 | 31 | -- | -- | 104.7 | 5 | 107.7 | 30 | 102.5 | 46 | -- | -- | 121.4 | 16 | 120.8 | 48 | -- | -- | 102.7 | 46 | -- | -- |
| S 743 | R | 109.9 | 32 | 114.2 | 112.8 | 95.2 | 31 | 110.9 | 6 | 100.9 | 51 | 114.2 | 113.1 | 118.3 | 40 | 126.2 | 25 | 119.3 | 114.9 | 107.9 | 28 | 109.2 | 109.2 |

# 2026 Michigan State University Wheat Performance Trials

**able 1 : Multi-Year Performance Summary**

* Tables sorted by 2026 High Management Yield, white wheat grouped before red

** Yield (Bu/A adjusted to 13.5% Moisture)

| Line Name | Seed Color | Overall (across all sites) | | | | Allegan | | Central MI | | Huron | | | | Ingham | | Sanilac | | | | Tuscola | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2026 | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2026 | | 2 Yr Avg | 3 Yr Avg | 2026 | | 2 Yr Avg | 3 Yr Avg |
| | | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | Bu/A | Rank | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | Bu/A | Rank | 25-26 | 24-26 | Bu/A | Rank | 25-26 | 24-26 |
| MI24R020 | R | 109.8 | 33 | -- | -- | 97.2 | 21 | 98.7 | 51 | 105.0 | 37 | -- | -- | 123.1 | 9 | 121.8 | 43 | -- | -- | 112.9 | 12 | -- | -- |
| F 195 R | R | 109.8 | 34 | 115.7 | -- | 94.6 | 32 | 103.3 | 46 | 106.8 | 31 | 119.5 | -- | 118.7 | 36 | 122.0 | 42 | 111.0 | -- | 113.2 | 11 | 116.6 | -- |
| WS606 | R | 109.7 | 35 | -- | -- | 89.7 | 46 | 109.3 | 16 | 100.4 | 52 | -- | -- | 121.0 | 19 | 130.2 | 7 | -- | -- | 107.9 | 27 | -- | -- |
| F 131 R | R | 109.6 | 37 | 115.5 | 111.6 | 89.8 | 45 | 110.4 | 10 | 106.0 | 33 | 118.0 | 114.5 | 117.2 | 42 | 132.1 | 6 | 122.0 | 117.1 | 102.0 | 48 | 106.5 | 103.3 |
| MI24R063 | R | 109.6 | 37 | -- | -- | 92.9 | 41 | 110.0 | 12 | 106.1 | 32 | -- | -- | 119.1 | 31 | 123.4 | 38 | -- | -- | 105.8 | 38 | -- | -- |
| lue River 801 | R | 109.3 | 39 | 111.9 | 109.7 | 90.1 | 44 | 106.7 | 35 | 105.6 | 34 | 117.0 | 113.8 | 123.4 | 8 | 122.9 | 41 | 112.6 | 112.3 | 107.3 | 32 | 106.1 | 103.1 |
| S 766 | R | 109.3 | 39 | -- | -- | 91.7 | 42 | 109.9 | 15 | 108.4 | 20 | -- | -- | -- | -- | 127.4 | 18 | -- | -- | -- | -- | -- | -- |
| S 765 | R | 109.3 | 40 | -- | -- | 89.1 | 47 | 110.9 | 5 | 110.2 | 10 | -- | -- | -- | -- | 127.0 | 21 | -- | -- | -- | -- | -- | -- |
| 8VTK10-188 | R | 109.3 | 41 | -- | -- | 95.3 | 29 | 109.9 | 14 | 107.2 | 28 | -- | -- | 115.0 | 48 | 123.5 | 37 | -- | -- | 104.8 | 43 | -- | -- |
| A23W-432 | R | 108.8 | 42 | -- | -- | 93.7 | 38 | 103.0 | 47 | 102.2 | 47 | -- | -- | 118.6 | 38 | 126.8 | 22 | -- | -- | 108.3 | 25 | -- | -- |
| ACIA Wharf | R | 108.6 | 43 | 113.1 | 110.8 | 95.7 | 25 | 107.1 | 34 | 105.0 | 38 | 118.0 | 116.2 | 120.1 | 28 | 116.4 | 53 | 113.3 | 112.0 | 107.4 | 31 | 107.9 | 104.2 |
| ACIA Titan | R | 108.5 | 44 | 115.0 | -- | 91.2 | 43 | 107.9 | 28 | 105.0 | 39 | 117.1 | -- | 120.5 | 21 | 121.3 | 46 | 117.7 | -- | 105.3 | 41 | 110.1 | -- |
| ACIA Thunder | R | 108.5 | 45 | 113.3 | -- | 94.1 | 35 | 98.5 | 52 | 103.3 | 45 | 117.8 | -- | 120.7 | 20 | 125.0 | 31 | 109.0 | -- | 109.0 | 23 | 113.1 | -- |
| yna-Gro 9570 | R | 108.1 | 46 | 112.9 | 109.3 | 93.6 | 39 | 102.3 | 49 | 108.0 | 25 | 117.9 | 115.5 | 118.8 | 35 | 117.7 | 52 | 110.6 | 106.0 | 108.1 | 26 | 110.2 | 106.4 |
| yna-Gro 9762 | R | 108.0 | 47 | -- | -- | 98.8 | 16 | 110.5 | 8 | 101.6 | 49 | -- | -- | 117.4 | 41 | 119.2 | 49 | -- | -- | 100.8 | 50 | -- | -- |
| MI20R0210 | R | 107.9 | 48 | 114.4 | 111.7 | 83.7 | 51 | 107.1 | 33 | 98.9 | 53 | 115.1 | 114.9 | 120.3 | 26 | 124.1 | 34 | 114.6 | 112.4 | 113.4 | 10 | 113.6 | 107.7 |
| griMAXX 555 | R | 106.8 | 49 | 108.6 | -- | 93.6 | 40 | 108.9 | 17 | 103.8 | 43 | 114.6 | -- | 115.0 | 47 | 121.7 | 44 | 112.1 | -- | 97.7 | 51 | 99.2 | -- |
| WS671 | R | 106.2 | 50 | -- | -- | 81.7 | 53 | 105.0 | 40 | 103.5 | 44 | -- | -- | 118.9 | 34 | 121.2 | 47 | -- | -- | 106.6 | 35 | -- | -- |
| yna-Gro 9172 | R | 106.1 | 51 | 114.5 | 111.7 | 84.4 | 50 | 108.5 | 21 | 101.3 | 50 | 116.7 | 116.3 | 117.1 | 43 | 123.1 | 40 | 118.9 | 115.2 | 102.5 | 47 | 108.0 | 103.6 |
| ynergy 2601 | R | 105.7 | 52 | -- | -- | 84.8 | 49 | 105.4 | 39 | 105.5 | 36 | -- | -- | 119.0 | 32 | 118.2 | 51 | -- | -- | 101.5 | 49 | -- | -- |
| unburst | R | 102.7 | 53 | 108.5 | 106.4 | 83.5 | 52 | 93.8 | 53 | 102.0 | 48 | 111.7 | 110.4 | 113.5 | 50 | 118.4 | 50 | 112.6 | 108.1 | 105.0 | 42 | 101.2 | 100.6 |
| | Mean | 109.1 | | 113.8 | 110.8 | 93.0 | | 106.1 | | 105.5 | | 117.4 | 115.4 | 118.4 | | 124.5 | | 114.7 | 111.7 | 107.4 | | 109.1 | 105.3 |
| | LSD | 2.8 | | 3.1 | 2.3 | 10.0 | | 10.0 | | 5.2 | | 3.6 | 3.0 | 2.8 | | 5.7 | | 6.6 | 4.6 | 11.1 | | 5.1 | 3.9 |
| | CV | 2.7 | | 2.3 | 2.2 | 6.7 | | 5.9 | | 3.1 | | 1.2 | 1.6 | 1.5 | | 2.9 | | 2.0 | 2.0 | 6.4 | | 3.2 | 2.9 |

# 2026 Michigan State University Wheat Performance Trials

**Table 2. Multi-Location Performance Summary for Test Weight and Percent Moisture.**

| Line | Seed Color | Overall | | Allegan | | Central MI | | Huron | | Ingham | | Sanilac | | Tuscola | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW |
| AgriMAXX 545 | Red | 14.2 | 57.6 | 14.1 | 56.2 | 13.2 | 57.9 | 14.7 | 59.8 | 16.4 | 55.2 | 13.3 | 58.9 | 13.4 | 57.4 |
| AgriMAXX 555 | Red | 14.0 | 57.6 | 14.1 | 55.5 | 13.1 | 57.6 | 15.0 | 60.2 | 15.8 | 55.5 | 13.0 | 59.6 | 13.0 | 57.2 |
| AgriMAXX 575 | Red | 14.2 | 57.6 | 14.7 | 56.7 | 13.3 | 58.1 | 15.9 | 59.7 | 14.4 | 55.1 | 13.8 | 59.0 | 13.2 | 56.8 |
| AgriMAXX Bad Axe | White | 14.6 | 57.9 | 15.9 | 54.6 | 13.0 | 58.9 | 15.0 | 61.3 | 16.5 | 55.4 | 14.1 | 59.5 | 13.2 | 57.5 |
| AgriMAXX 576 | Red | 14.1 | 59.1 | 14.3 | 56.2 | 12.8 | 59.3 | 14.8 | 62.3 | 16.4 | 57.2 | 13.0 | 60.7 | 13.3 | 58.7 |
| AgriMAXX Mackinaw | White | 14.5 | 57.0 | 14.3 | 55.4 | 13.8 | 57.2 | 15.8 | 58.6 | 15.8 | 55.7 | 13.4 | 58.2 | 13.9 | 57.1 |
| Blue River 801 | Red | 13.9 | 58.4 | 13.0 | 56.4 | 13.4 | 58.8 | 15.1 | 60.5 | 16.0 | 56.4 | 13.0 | 60.2 | 13.1 | 58.2 |
| DF 106 R | Red | 13.8 | 58.2 | 13.9 | 55.5 | 12.5 | 59.0 | 15.2 | 61.0 | 15.4 | 56.3 | 12.7 | 59.5 | 12.9 | 57.7 |
| DF 131 R | Red | 13.8 | 58.2 | 12.8 | 56.4 | 13.2 | 58.9 | 15.0 | 61.5 | 14.2 | 56.0 | 14.4 | 59.4 | 13.2 | 57.1 |
| DF 144 R | Red | 14.3 | 57.6 | 16.2 | 56.3 | 12.8 | 58.2 | 14.8 | 59.5 | 15.6 | 55.8 | 13.4 | 58.9 | 13.3 | 57.0 |
| DF 195 R | Red | 13.9 | 57.1 | 13.3 | 55.4 | 13.1 | 58.0 | 15.3 | 59.2 | 15.7 | 55.1 | 12.7 | 58.9 | 13.4 | 56.1 |
| DF 271 W | White | 14.3 | 57.0 | 15.5 | 54.3 | 13.5 | 56.9 | 15.2 | 59.0 | 14.6 | 56.1 | 13.3 | 58.5 | 13.8 | 56.9 |
| DF 284 W | White | 14.4 | 56.7 | 14.4 | 54.1 | 13.6 | 57.3 | 15.4 | 59.5 | 15.7 | 54.3 | 13.9 | 58.1 | 13.5 | 56.9 |
| Dyna-Gro 9172 | Red | 13.9 | 58.0 | 12.7 | 55.8 | 12.9 | 58.8 | 15.6 | 60.5 | 15.8 | 56.3 | 13.4 | 59.9 | 13.2 | 56.8 |
| Dyna-Gro 9231 | Red | 14.1 | 58.6 | 14.1 | 57.1 | 13.2 | 59.1 | 14.8 | 61.0 | 15.1 | 56.8 | 13.8 | 59.8 | 13.6 | 58.0 |
| Dyna-Gro 9242W | White | 14.4 | 57.9 | 14.6 | 55.9 | 13.1 | 58.9 | 15.8 | 59.9 | 16.4 | 54.7 | 13.0 | 59.9 | 13.2 | 58.3 |
| Dyna-Gro 9422 | Red | 13.8 | 58.3 | 14.2 | 57.0 | 13.3 | 58.7 | 15.1 | 60.5 | 14.4 | 55.8 | 12.6 | 60.0 | 13.1 | 58.0 |
| Dyna-Gro 9533 | Red | 14.0 | 56.8 | 14.3 | 54.1 | 13.2 | 57.1 | 15.6 | 60.1 | 15.5 | 54.4 | 13.0 | 58.5 | 12.7 | 56.7 |
| Dyna-Gro 9570 | Red | 14.1 | 57.1 | 14.8 | 55.1 | 13.0 | 57.3 | 15.3 | 59.6 | 15.0 | 55.3 | 13.7 | 58.4 | 12.9 | 56.8 |
| Dyna-Gro 9632 | Red | 13.8 | 58.4 | 14.1 | 55.8 | 12.7 | 58.3 | 15.1 | 61.5 | 14.8 | 56.8 | 13.0 | 59.7 | 13.1 | 58.3 |
| Dyna-Gro 9641W | White | 14.4 | 59.3 | 15.1 | 56.8 | 13.4 | 60.5 | 14.5 | 62.4 | 15.4 | 56.5 | 14.9 | 60.1 | 13.2 | 59.8 |
| Dyna-Gro 9742W | White | 14.0 | 56.8 | 13.9 | 55.3 | 13.1 | 57.3 | 15.5 | 58.6 | 15.3 | 55.2 | 12.9 | 58.3 | 13.0 | 56.4 |
| Dyna-Gro 9762 | Red | 14.0 | 57.2 | 13.7 | 55.5 | 13.0 | 58.1 | 14.9 | 59.7 | 16.4 | 54.9 | 13.0 | 58.9 | 13.0 | 56.3 |
| Dyna-Gro 9771 | Red | 14.2 | 57.0 | 14.9 | 54.9 | 13.4 | 56.6 | 15.1 | 59.3 | 15.8 | 54.9 | 13.0 | 59.3 | 13.0 | 56.8 |
| FS 600 | Red | 13.9 | 59.2 | 13.6 | 56.5 | 12.9 | 60.2 | 15.1 | 62.0 | 16.1 | 56.4 | 12.6 | 61.1 | 13.0 | 58.9 |
| FS 617 | Red | 13.9 | 58.9 | 13.9 | 57.4 | 13.0 | 58.9 | 14.9 | 61.7 | 15.3 | 57.2 | 13.1 | 60.0 | 13.2 | 58.4 |
| FS 743 | Red | 14.1 | 58.7 | 14.8 | 56.6 | 13.1 | 59.5 | 15.0 | 61.2 | 15.1 | 56.6 | 13.4 | 60.2 | 13.2 | 58.3 |
| FS 765 | Red | 13.9 | 59.8 | 13.8 | 56.2 | 13.3 | 60.2 | 15.0 | 62.1 | -- | -- | 13.7 | 60.7 | -- | -- |
| FS 766 | Red | 13.8 | 59.0 | 13.8 | 55.5 | 13.1 | 59.0 | 15.1 | 61.5 | -- | -- | 13.1 | 59.9 | -- | -- |
| ISF EXP2504 | Red | 14.1 | 59.2 | 14.4 | 57.2 | 13.0 | 59.5 | 14.8 | 61.9 | 16.0 | 57.4 | 13.2 | 60.6 | 13.2 | 58.6 |
| ISF EXP2506 | Red | 14.6 | 57.6 | 16.2 | 56.0 | 13.4 | 57.2 | 15.3 | 59.3 | 16.3 | 56.1 | 13.4 | 59.2 | 13.2 | 57.8 |
| KWS585 | Red | 14.4 | 59.3 | 15.6 | 56.5 | 13.3 | 60.4 | 14.8 | 61.9 | 16.7 | 57.4 | 13.2 | 60.5 | 13.0 | 59.3 |
| KWS606 | Red | 14.4 | 58.3 | 14.2 | 56.2 | 13.7 | 58.8 | 15.1 | 61.6 | 16.3 | 55.7 | 13.5 | 60.3 | 13.5 | 57.5 |
| KWS634 | White | 14.4 | 57.0 | 13.7 | 54.6 | 13.5 | 57.0 | 15.0 | 60.3 | 16.9 | 54.1 | 14.0 | 58.8 | 13.1 | 56.9 |
| KWS661 | Red | 14.3 | 57.7 | 15.0 | 55.7 | 13.3 | 58.4 | 15.0 | 59.9 | 15.8 | 55.8 | 13.5 | 59.0 | 13.0 | 57.2 |
| KWS671 | Red | 14.1 | 58.1 | 13.0 | 56.8 | 13.2 | 58.6 | 15.2 | 60.6 | 15.6 | 56.2 | 14.0 | 58.8 | 13.5 | 57.4 |
| KWS680 | Red | 14.2 | 57.8 | 13.8 | 55.5 | 13.5 | 58.1 | 15.3 | 60.4 | 15.9 | 55.9 | 13.7 | 58.5 | 13.1 | 58.6 |
| KWS685 | White | 14.1 | 57.7 | 15.3 | 56.2 | 13.0 | 57.9 | 14.9 | 59.6 | 15.9 | 55.6 | 12.7 | 59.4 | 12.7 | 57.4 |
| KWS687 | White | 14.0 | 57.4 | 13.0 | 55.8 | 13.2 | 58.1 | 15.1 | 60.0 | 15.5 | 55.7 | 13.8 | 59.0 | 13.3 | 56.1 |
| Jupiter | White | 13.5 | 57.4 | 12.4 | 53.5 | 12.8 | 58.3 | 14.6 | 61.6 | 15.1 | 54.5 | 12.8 | 59.9 | 13.0 | 56.9 |
| MCIA Titan | Red | 14.3 | 57.0 | 16.3 | 54.6 | 13.1 | 57.6 | 14.7 | 59.9 | 15.6 | 54.4 | 13.0 | 59.0 | 13.0 | 56.5 |

# 2026 Michigan State University Wheat Performance Trials

**Table 2. Multi-Location Performance Summary for Test Weight and Percent Moisture.**

| Line | Seed Color | Overall | | Allegan | | Central MI | | Huron | | Ingham | | Sanilac | | Tuscola | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW | % Moist | TW |
| **MCIA 24004** | Red | 14.0 | 57.3 | 14.0 | 55.3 | 12.9 | 57.5 | 15.7 | 59.9 | 15.8 | 54.9 | 12.7 | 59.1 | 12.9 | 57.0 |
| **MCIA 24006** | White | 14.1 | 57.3 | 13.3 | 53.8 | 13.1 | 58.7 | 15.2 | 60.8 | 16.3 | 54.6 | 13.8 | 58.7 | 13.0 | 57.1 |
| **MCIA White Lightning** | White | 14.3 | 56.7 | 14.1 | 53.7 | 13.7 | 57.1 | 15.2 | 59.3 | 16.0 | 54.3 | 13.0 | 58.4 | 13.7 | 57.1 |
| **MCIA Ember** | Red | 14.0 | 57.6 | 13.0 | 55.1 | 13.2 | 57.7 | 15.4 | 59.5 | 15.7 | 56.9 | 13.2 | 58.8 | 13.5 | 57.4 |
| **MCIA Barracuda** | Red | 14.1 | 58.4 | 15.4 | 57.0 | 12.9 | 59.2 | 14.9 | 61.0 | 15.1 | 56.5 | 13.1 | 59.6 | 13.2 | 56.9 |
| **MCIA Flipper** | Red | 14.3 | 57.9 | 15.3 | 55.4 | 13.2 | 58.6 | 15.3 | 60.0 | 15.5 | 56.1 | 13.0 | 59.5 | 13.6 | 57.5 |
| **MCIA Marlin** | Red | 14.4 | 58.7 | 15.3 | 56.4 | 13.5 | 59.4 | 15.5 | 61.1 | 15.1 | 56.4 | 14.1 | 60.3 | 12.9 | 58.5 |
| **MCIA Redfin** | Red | 13.9 | 58.4 | 12.8 | 56.4 | 13.3 | 59.1 | 15.2 | 61.5 | 16.1 | 56.2 | 13.1 | 59.7 | 12.8 | 57.6 |
| **MCIA Thunder** | Red | 12.9 | 57.4 | 12.9 | 55.3 | 8.8 | 58.0 | 14.8 | 59.7 | 14.3 | 56.0 | 13.0 | 59.0 | 13.4 | 56.3 |
| **MCIA Wharf** | Red | 13.9 | 57.1 | 14.5 | 55.0 | 13.1 | 57.3 | 15.0 | 60.0 | 14.8 | 55.1 | 13.2 | 58.5 | 12.8 | 56.6 |
| **MSU 609W** | White | 14.3 | 57.3 | 14.2 | 53.4 | 13.1 | 58.5 | 15.3 | 60.0 | 16.6 | 54.6 | 13.0 | 59.9 | 13.7 | 57.5 |
| **Sunburst** | Red | 13.8 | 60.4 | 14.4 | 57.0 | 13.9 | 61.1 | 14.8 | 63.7 | 14.4 | 58.9 | 12.9 | 61.3 | 12.7 | 60.4 |
| **Whitetail** | White | 13.5 | 56.9 | 13.8 | 52.8 | 12.7 | 58.1 | 15.0 | 59.6 | 14.0 | 55.4 | 12.7 | 59.1 | 12.9 | 56.6 |
| **MI20R0012-3** | Red | 14.1 | 58.7 | 14.0 | 55.4 | 13.5 | 59.2 | 15.2 | 61.4 | 15.0 | 57.2 | 14.0 | 60.0 | 13.0 | 58.8 |
| **MI20R0210** | Red | 13.4 | 58.2 | 12.5 | 55.9 | 12.9 | 58.5 | 14.9 | 60.9 | 14.7 | 56.8 | 12.6 | 59.4 | 12.8 | 57.5 |
| **MI22W213** | White | 13.8 | 56.9 | 14.3 | 55.0 | 12.6 | 57.3 | 15.3 | 58.8 | 15.1 | 55.7 | 12.7 | 58.6 | 12.7 | 56.0 |
| **MI23W180** | White | 14.1 | 57.5 | 15.9 | 54.4 | 13.1 | 58.1 | 15.0 | 60.5 | 14.2 | 55.3 | 13.3 | 59.2 | 12.9 | 57.6 |
| **MI24R020** | Red | 13.9 | 57.3 | 12.2 | 53.0 | 13.2 | 58.2 | 15.8 | 60.2 | 16.1 | 55.8 | 13.2 | 58.5 | 13.0 | 58.0 |
| **MI24R021** | Red | 13.9 | 58.8 | 13.8 | 57.1 | 13.0 | 59.3 | 15.1 | 61.2 | 14.7 | 57.3 | 13.2 | 59.8 | 13.3 | 58.4 |
| **MI24R063** | Red | 13.7 | 57.9 | 13.7 | 54.4 | 12.2 | 58.1 | 15.1 | 60.9 | 15.0 | 56.8 | 13.0 | 59.3 | 13.3 | 57.9 |
| **MI24R148** | Red | 14.1 | 58.6 | 14.7 | 56.5 | 12.8 | 59.2 | 14.6 | 60.9 | 16.6 | 56.2 | 13.2 | 59.8 | 12.6 | 58.8 |
| **MI24R270** | Red | 13.7 | 58.2 | 13.5 | 55.1 | 13.2 | 58.7 | 14.8 | 60.6 | 15.3 | 56.7 | 12.5 | 59.6 | 12.8 | 58.2 |
| **MI24R272** | Red | 14.1 | 57.5 | 16.1 | 54.0 | 13.0 | 58.0 | 14.8 | 60.4 | 15.5 | 56.3 | 12.5 | 58.8 | 12.9 | 57.8 |
| **MI24W116** | White | 14.7 | 56.1 | 12.9 | 54.2 | 13.8 | 57.7 | 14.8 | 61.8 | 16.3 | 49.6 | 16.8 | 58.7 | 13.7 | 54.8 |
| **MI24W221** | White | 14.2 | 57.2 | 15.0 | 54.1 | 13.1 | 57.7 | 15.3 | 60.4 | 15.7 | 55.3 | 12.9 | 58.9 | 13.1 | 56.5 |
| **Synergy 2601** | Red | 13.7 | 57.1 | 13.7 | 54.9 | 12.9 | 58.0 | 15.2 | 59.0 | 15.0 | 55.4 | 13.1 | 58.6 | 12.7 | 56.7 |
| **Synergy Emily** | Red | 13.6 | 58.6 | 12.6 | 58.1 | 12.7 | 58.9 | 15.0 | 61.2 | 16.2 | 55.8 | 12.6 | 59.6 | 12.6 | 57.9 |
| **Synergy Kessler** | Red | 14.0 | 57.4 | 14.8 | 55.2 | 13.1 | 58.1 | 15.0 | 59.3 | 15.8 | 55.3 | 12.8 | 59.4 | 12.7 | 57.3 |
| **18VTK10-23** | Red | 14.3 | 60.4 | 15.8 | 57.9 | 13.5 | 60.9 | 14.7 | 62.9 | 15.3 | 58.7 | 13.4 | 61.7 | 13.2 | 60.2 |
| **18VTK10-188** | Red | 13.9 | 58.9 | 14.3 | 56.1 | 13.1 | 59.1 | 14.6 | 61.4 | 15.1 | 57.6 | 12.9 | 60.2 | 13.0 | 59.2 |
| **VA23W-432** | Red | 13.4 | 57.9 | 13.5 | 55.6 | 12.7 | 58.0 | 14.5 | 60.9 | 13.9 | 56.4 | 13.3 | 58.7 | 12.8 | 57.9 |
| | **Mean** | 14.1 | 57.9 | 14.3 | 55.4 | 13.1 | 58.5 | 15.1 | 60.6 | 15.5 | 55.9 | 13.3 | 59.4 | 13.1 | 57.7 |
| | **LSD** | 0.4 | 0.4 | 2.7 | 0.9 | 1.3 | 0.5 | 0.8 | 0.6 | 1.8 | 0.9 | 1.2 | 0.4 | 0.8 | 0.3 |
| | **CV** | 4.0 | 0.4 | 11.9 | 1.0 | 6.0 | 0.5 | 3.2 | 0.6 | 7.2 | 1.0 | 5.4 | 0.4 | 3.9 | 0.3 |

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Table 3. Disease, falling number, lodging, plant height, heading, canopy architecture, and physiological maturity data.

| Line | Seed Color | Chaff | Awn | Fusarium Head Blight | | | | Falling | Stripe Rust | Leaf Rust | Phenotypic Data - 2026 Ingham | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Severity % 2026 | Incidence % 2026 | Index 2026 | DON ppm 2025 | Number 2026 | Rating 0-9 scale* | Rating 0-5 scale* | Lodging % | Lodging Angle Degree | Lodging Score | Plant Height (Inches) | Heading Date (Days past Jan. 1) | Physiological Maturity (Days past Jan. 1) | Grain Fill Period |
| AgriMAXX 545 | Red | White | Awned | 37.1 | 92.2 | 34.7 | 4.8 | 243.6 | 8.5 | 5.0 | 30.0 | 5.0 | 3.4 | 33.1 | 145 | 178 | 29 |
| AgriMAXX 555 | Red | White | Awned | 36.7 | 92.2 | 34.3 | 1.6 | 221.9 | 1.3 | 4.3 | 0.0 | 0.0 | 0.0 | 34.1 | 146 | 180 | 31 |
| AgriMAXX 575 | Red | White | Awned | 28.1 | 90.2 | 25.4 | 2.6 | 261.6 | 1.5 | 1.3 | 38.5 | 10.0 | 8.6 | 33 | 146 | 181 | 31 |
| AgriMAXX Bad Axe | White | White | Awnletted | 39.6 | 91.9 | 37.1 | 4.3 | 74.0 | 2.3 | 0.7 | 0.0 | 0.0 | 0.0 | 31.8 | 146 | 180 | 30 |
| AgriMAXX 576 | Red | White | Awned | 29.6 | 91.5 | 27.4 | -- | 323.7 | 0.3 | 3.7 | 0.0 | 0.0 | 0.0 | 33.2 | 146 | 180 | 30 |
| AgriMAXX Mackinaw | White | White | Awnletted | 35.3 | 91.4 | 32.5 | 7.8 | 170.4 | 6.7 | 5.0 | 10.5 | 3.0 | 0.7 | 32.6 | 146 | 180 | 30 |
| Blue River 801 | Red | White | Awned | 31.8 | 89.6 | 28.5 | -- | -- | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 33.8 | 145 | 179 | 31 |
| DF 106 R | Red | White | Awned | 32.0 | 90.1 | 28.9 | -- | 238.1 | 2.3 | 3.3 | 0.0 | 0.0 | 0.0 | 32.5 | 147 | 181 | 30 |
| DF 131 R | Red | White | Awned | 25.3 | 89.5 | 23.1 | 2.1 | -- | 0.3 | 4.3 | 7.5 | 10.0 | 1.7 | 32 | 145 | 181 | 32 |
| DF 144 R | Red | White | Awned | 31.6 | 92.0 | 29.4 | 3.3 | 237.9 | 7.3 | 5.0 | 7.0 | 5.0 | 0.8 | 32.9 | 145 | 180 | 31 |
| DF 195 R | Red | White | Awnletted | 30.4 | 89.2 | 27.1 | 0.9 | 217.5 | 5.7 | 4.0 | 27.0 | 12.5 | 3.4 | 34.3 | 145 | 180 | 31 |
| DF 271 W | White | White | Awnletted | 34.4 | 88.6 | 30.5 | 5.9 | 129.6 | 3.0 | 5.0 | 15.0 | 3.5 | 1.2 | 32.3 | 147 | 180 | 30 |
| DF 284 W | White | White | Awnletted | 38.2 | 94.1 | 36.2 | 2.5 | 153.0 | 1.0 | 5.0 | 32.5 | 7.5 | 5.4 | 31.9 | 147 | 181 | 30 |
| Dyna-Gro 9172 | Red | White | Awned | 30.2 | 89.9 | 27.2 | 3.9 | 297.3 | 4.0 | 3.7 | 0.0 | 0.0 | 0.0 | 33.7 | 145 | 180 | 31 |
| Dyna-Gro 9231 | Red | White | Awned | 32.2 | 90.0 | 28.8 | 2.5 | 278.3 | 4.0 | 3.3 | 0.0 | 0.0 | 0.0 | 35.1 | 145 | 179 | 31 |
| Dyna-Gro 9242W | White | White | Awnletted | 34.2 | 91.2 | 31.5 | 2.2 | -- | 9.0 | 4.7 | 0.0 | 0.0 | 0.0 | 36.2 | 145 | 179 | 30 |
| Dyna-Gro 9422 | Red | White | Awned | 33.7 | 93.2 | 31.8 | 7.2 | 246.9 | 9.0 | 4.7 | 0.0 | 0.0 | 0.0 | 33.6 | 145 | 180 | 31 |
| Dyna-Gro 9533 | Red | White | Awnletted | 23.2 | 85.4 | 20.2 | 0.4 | 260.6 | 9.0 | 4.5 | 0.0 | 0.0 | 0.0 | 31 | 146 | 180 | 30 |
| Dyna-Gro 9570 | Red | White | Awned | 30.5 | 90.5 | 27.6 | 1.8 | 254.1 | 2.3 | 5.0 | 45.5 | 2.5 | 2.6 | 33 | 144 | 180 | 32 |
| Dyna-Gro 9632 | Red | White | Awned | 26.9 | 88.0 | 23.5 | 1.5 | 248.2 | 0.3 | 2.0 | 0.0 | 0.0 | 0.0 | 32.7 | 145 | 181 | 31 |
| Dyna-Gro 9641W | White | White | Awned | 33.4 | 91.4 | 30.7 | 5.5 | 259.2 | 3.7 | 3.5 | 0.0 | 0.0 | 0.0 | 34.6 | 144 | 179 | 31 |
| Dyna-Gro 9742W | White | White | Awned | 31.1 | 92.4 | 29.0 | -- | 235.2 | 0.7 | 3.3 | 0.0 | 0.0 | 0.0 | 32.9 | 146 | 181 | 30 |
| Dyna-Gro 9762 | Red | White | Awnletted | 33.5 | 92.6 | 31.2 | -- | 258.8 | 0.3 | 4.0 | 0.0 | 0.0 | 0.0 | 30.8 | 146 | 179 | 30 |
| Dyna-Gro 9771 | Red | White | Awned | 32.7 | 90.8 | 29.7 | -- | 307.2 | 0.3 | 3.7 | 85.5 | 19.0 | 17.4 | 33 | 145 | 180 | 31 |
| FS 600 | Red | White | Awned | 31.5 | 93.8 | 29.9 | 2.5 | -- | 1.0 | 4.3 | 0.0 | 0.0 | 0.0 | 33.8 | 145 | 180 | 30 |
| FS 617 | Red | White | Awned | 29.4 | 88.9 | 26.1 | 1.4 | 295.4 | 2.0 | 4.7 | 5.0 | 25.0 | 2.8 | 33.4 | 146 | 179 | 29 |
| FS 743 | Red | White | Awned | 27.0 | 89.3 | 23.8 | 1.3 | 289.9 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 34.7 | 144 | 179 | 31 |
| FS 765 | Red | White | Awnless | 33.3 | 88.1 | 29.0 | -- | -- | 6.0 | 3.7 | -- | -- | -- | -- | -- | -- | -- |
| FS 766 | Red | White | Awned | 28.4 | 89.2 | 25.3 | -- | -- | 1.0 | 2.0 | -- | -- | -- | -- | -- | -- | -- |
| ISF EXP2504 | Red | White | Awned | 32.1 | 92.1 | 29.8 | -- | -- | 0.7 | 4.0 | 0.0 | 0.0 | 0.0 | 33.7 | 145 | 180 | 31 |
| ISF EXP2506 | Red | White | Awnletted | 27.4 | 91.2 | 25.2 | 0.6 | 147.0 | 1.0 | 1.0 | 15.0 | 15.0 | 5.0 | 35.2 | 145 | 180 | 31 |
| KWS585 | Red | White | Awned | 28.2 | 92.2 | 26.3 | -- | 329.0 | -- | 4.3 | 0.0 | 0.0 | 0.0 | 32.4 | 145 | 180 | 32 |
| KWS606 | Red | White | Awned | 28.7 | 89.3 | 26.1 | -- | 322.8 | 2.7 | 1.0 | 19.0 | 20.0 | 8.5 | 32.3 | 147 | 181 | 30 |
| KWS634 | White | White | Awnletted | 28.0 | 92.0 | 26.0 | -- | 250.5 | 0.3 | 4.7 | 5.5 | 5.0 | 0.6 | 34.8 | 146 | 180 | 30 |
| KWS661 | Red | White | Awned | 28.9 | 91.7 | 26.8 | -- | 275.0 | 3.0 | 4.3 | 22.5 | 32.5 | 8.9 | 34.2 | 145 | 180 | 31 |
| KWS671 | Red | White | Awned | 25.2 | 89.0 | 22.2 | -- | 298.8 | 8.0 | 4.0 | 0.0 | 0.0 | 0.0 | 33.6 | 147 | 182 | 31 |
| KWS680 | Red | White | Awnletted | 26.8 | 85.0 | 22.5 | -- | 277.4 | 8.0 | 2.3 | 25.5 | 11.6 | 1.1 | 31.4 | 144 | 179 | 30 |
| KWS685 | White | White | Awned | 34.3 | 92.1 | 31.9 | -- | 142.2 | 4.0 | 4.7 | 0.0 | 0.0 | 0.0 | 34 | 147 | 180 | 30 |
| KWS687 | White | White | Awnletted | 35.4 | 90.0 | 31.7 | -- | 173.4 | 0.0 | 5.0 | 11.0 | 37.5 | 9.2 | 32.3 | 147 | 180 | 29 |
| Jupiter | White | Bronze | Awnletted | 67.1 | 94.6 | 64.1 | 5.8 | 86.3 | 4.3 | 4.7 | 0.0 | 0.0 | 0.0 | 33.5 | 148 | 182 | 30 |
| MCIA Titan | Red | White | Awnletted | 28.5 | 90.6 | 26.1 | 2 | 245.7 | 0.7 | 4.3 | 0.0 | 0.0 | 0.0 | 31.4 | 146 | 180 | 30 |
| MCIA 24004 | Red | White | Awnletted | 39.1 | 93.1 | 37.1 | 2.5 | 309.5 | 9.0 | 4.7 | 47.5 | 6.5 | 4.1 | 34.5 | 146 | 180 | 30 |
| MCIA 24006 | White | White | Awned | 31.9 | 92.4 | 29.9 | 5.9 | 167.5 | 2.7 | 4.0 | 0.0 | 0.0 | 0.0 | 34.3 | 147 | 181 | 30 |
| MCIA White Lightning | White | White | Awnletted | 35.7 | 92.6 | 33.4 | 3.2 | 148.8 | 0.7 | 4.7 | 45.5 | 42.5 | 6.7 | 31.4 | 147 | 181 | 30 |
| MCIA Ember | Red | White | Awnletted | 26.2 | 91.3 | 24.1 | -- | 224.6 | 1.0 | 1.0 | 5.0 | 5.0 | 0.6 | 35.1 | 145 | 180 | 31 |
| MCIA Barracuda | Red | White | Awned | 30.0 | 90.4 | 27.2 | 3.2 | 245.5 | 1.3 | 4.0 | 0.0 | 0.0 | 0.0 | 32.1 | 145 | 180 | 31 |
| MCIA Flipper | Red | White | Awnletted | 41.3 | 92.8 | 38.6 | 3.9 | 245.6 | 1.0 | 5.0 | 0.0 | 0.0 | 0.0 | 32.4 | 144 | 178 | 30 |
| MCIA Marlin | Red | White | Awnletted | 38.8 | 92.3 | 36.4 | 3.9 | 270.9 | 2.7 | 4.7 | 77.5 | 15.0 | 12.9 | 31.9 | 145 | 179 | 30 |
| MCIA Redfin | Red | White | Awned | 34.0 | 93.3 | 32.4 | 2.4 | 292.3 | 1.0 | 3.3 | 0.0 | 0.0 | 0.0 | 33.2 | 146 | 181 | 31 |
| MCIA Thunder | Red | White | Awnletted | 29.0 | 90.7 | 26.6 | 1.7 | 198.0 | 3.7 | 4.0 | 79.0 | 12.5 | 11.2 | 33.8 | 146 | 181 | 31 |
| MCIA Wharf | Red | White | Awnletted | 35.4 | 90.9 | 32.5 | 4 | 233.2 | 7.7 | 0.3 | 10.0 | 17.5 | 3.9 | 29.5 | 145 | 180 | 31 |
| MSU 609W | White | White | Awnletted | 56.0 | 91.1 | 51.8 | 5.1 | -- | 4.7 | 5.0 | 0.0 | 0.0 | 0.0 | 32.4 | 145 | 180 | 31 |
| Sunburst | Red | White | Awnless | 35.9 | 92.6 | 33.7 | 3.4 | 357.8 | 3.0 | 0.3 | 0.0 | 0.0 | 0.0 | 31.5 | 146 | 179 | 29 |
| Whitetail | White | White | Awnletted | 40.5 | 91.5 | 37.5 | 7 | 74.9 | 4.7 | 4.3 | 22.0 | 45.0 | 11.0 | 34 | 147 | 180 | 29 |
| MI20R0012-3 | Red | White | Awnless | 39.0 | 92.4 | 36.4 | -- | 259.9 | 1.0 | 2.0 | 20.0 | 22.5 | 10.0 | 34.6 | 144 | 180 | 32 |

# 2026 Michigan State University Wheat Performance Trials

**Table 3. Disease, falling number, lodging, plant height, heading, canopy architecture, and physiological maturity data.**

| Line | Seed Color | Chaff | Awn | Fusarium Head Blight | | | | Falling | Stripe Rust | Leaf Rust | Phenotypic Data - 2026 Ingham | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Severity % 2026 | Incidence % 2026 | Index 2026 | DON ppm 2025 | Number 2026 | Rating 0-9 scale* | Rating 0-5 scale* | Lodging % | Lodging Angle Degree | Lodging Score | Plant Height (Inches) | Heading Date (Days past Jan. 1) | Physiological Maturity (Days past Jan. 1) | Grain Fill Period |
| **MI20R0210** | Red | White | Awned | 37.1 | 89.7 | 33.3 | 9.8 | 251.5 | 1.0 | 1.7 | 25.0 | 2.5 | 1.4 | 31 | 146 | 181 | 31 |
| **MI22W213** | White | White | Awnletted | 48.0 | 92.3 | 45.2 | 5.6 | 77.1 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.6 | 146 | 180 | 30 |
| **MI23W180** | White | White | Awnletted | 39.5 | 90.1 | 35.6 | -- | 232.5 | 7.3 | 4.7 | 15.0 | 15.0 | 5.0 | 34.6 | 147 | 181 | 30 |
| **MI24R020** | Red | White | Awnletted | 35.9 | 90.1 | 32.5 | -- | 298.6 | 0.3 | 0.0 | 25.0 | 10.0 | 2.5 | 34.8 | 145 | 181 | 32 |
| **MI24R021** | Red | White | Awned | 36.3 | 91.4 | 33.6 | -- | 330.4 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 35 | 144 | 181 | 33 |
| **MI24R063** | Red | White | Awned | 36.8 | 92.0 | 34.2 | -- | 330.6 | 2.0 | 1.7 | 0.0 | 0.0 | 0.0 | 32.5 | 145 | 180 | 31 |
| **MI24R148** | Red | White | Awned | 34.5 | 91.5 | 32.1 | -- | 340.6 | 6.3 | 0.3 | 0.0 | 0.0 | 0.0 | 33 | 143 | 180 | 33 |
| **MI24R270** | Red | White | Awnletted | 35.9 | 92.0 | 33.2 | -- | 310.8 | 1.0 | 3.5 | 87.0 | 12.5 | 12.8 | 34.2 | 144 | 178 | 29 |
| **MI24R272** | Red | White | Awned | 35.9 | 90.2 | 32.6 | -- | 305.8 | 8.7 | 0.0 | 82.5 | 12.5 | 10.7 | 36.8 | 145 | 180 | 31 |
| **MI24W116** | White | White | Awnletted | 45.0 | 92.0 | 41.9 | -- | 324.6 | 8.0 | 0.7 | 5.0 | 15.0 | 1.7 | 31.6 | 147 | 182 | 31 |
| **MI24W221** | White | White | Awnletted | 47.1 | 93.6 | 44.8 | -- | 118.5 | 7.7 | 0.0 | 40.5 | 32.5 | 15.5 | 34.2 | 147 | 181 | 30 |
| **Synergy 2601** | Red | White | Awnletted | 34.1 | 91.2 | 31.4 | -- | 260.0 | 1.7 | 3.7 | 0.0 | 0.0 | 0.0 | 29.7 | 146 | 180 | 31 |
| **Synergy Emily** | Red | White | Awned | 24.6 | 91.7 | 22.8 | -- | 242.1 | 1.0 | 4.3 | 0.0 | 0.0 | 0.0 | 32.7 | 146 | 180 | 30 |
| **Synergy Kessler** | Red | White | Awned | 31.0 | 90.6 | 28.0 | 2.6 | -- | 9.0 | 4.7 | 0.0 | 0.0 | 0.0 | 33.2 | 145 | 178 | 29 |
| **18VTK10-23** | Red | White | Awned | 28.6 | 89.0 | 26.0 | -- | 307.4 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.7 | 143 | 177 | 30 |
| **18VTK10-188** | Red | White | Awned | 30.0 | 91.3 | 27.7 | -- | 328.7 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 33.8 | 143 | 177 | 30 |
| **VA23W-432** | Red | White | Awned | 32.4 | 93.1 | 30.6 | -- | 237.2 | 6.7 | 0.7 | 5.0 | 5.0 | 0.6 | 36.5 | 145 | 179 | 30 |
| | | | **Mean** | | | | | | | | | | | 33.3 | 180.0 | 145.0 | 30.0 |
| | | | **LSD** | | | | | | | | | | | 1.6 | 2.0 | 1.0 | 2.0 |
| | | | **CV** | | | | | | | | | | | 3.0 | 0.6 | 0.4 | 3.314 |

* Greenhouse 2026.

# 2026 Michigan State University Wheat Performance Trials

**Table 4. Milling and baking quality.**

** From 2025 harvest season - will be updated when 2026 data is received

| Line | Seed Color | NIR Kernel Protein (at 12%) | SKCS Kernel Hardness | Adjusted Flour Yield (%) | Softness Equivalent (%) | Flour Protein (at 14%) | Lactic Acid SRC (%) | Sodium Carbonate SRC (%) | Cookie Diameter (cm) |
|---|---|---|---|---|---|---|---|---|---|
| AgriMAXX 545 | Red | 8.4 | -4.9 | 70.8 | 68.9 | 6.1 | 102.9 | 78.1 | 19.0 |
| AgriMAXX 555 | Red | 9.4 | -1.1 | 72.5 | 66.6 | 7.1 | 96.7 | 74.7 | 19.2 |
| AgriMAXX 575 | Red | 9.0 | -2.3 | 71.2 | 65.6 | 6.1 | 95.5 | 76.0 | 19.3 |
| AgriMAXX Bad Axe | White | 7.8 | -0.7 | 72.5 | 65.3 | 5.9 | 71.8 | 77.1 | 19.1 |
| AgriMAXX 576 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| AgriMAXX Mackinaw | White | 8.8 | -6.1 | 71.6 | 66.3 | 6.5 | 100.1 | 76.3 | 19.2 |
| Blue River 801 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| DF 106 R | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| DF 131 R | Red | 8.3 | -2.8 | 72.6 | 68.8 | 5.5 | 95.0 | 78.0 | 19.1 |
| DF 144 R | Red | 9.0 | -4.9 | 71.5 | 68.6 | 6.3 | 103.7 | 77.4 | 19.2 |
| DF 195 R | Red | 8.5 | -0.4 | 70.2 | 64.3 | 5.8 | 99.7 | 78.5 | 19.0 |
| DF 271 W | White | 8.9 | -8.2 | 72.0 | 67.2 | 6.4 | 99.1 | 76.8 | 18.9 |
| DF 284 W | White | 8.6 | -3.9 | 73.9 | 68.4 | 6.2 | 83.5 | 74.9 | 19.4 |
| Dyna-Gro 9172 | Red | 8.4 | -2.4 | 72.2 | 69.2 | 5.7 | 95.8 | 77.6 | 19.2 |
| Dyna-Gro 9231 | Red | 8.9 | 3.3 | 71.0 | 66.0 | 6.5 | 103.2 | 82.8 | 18.1 |
| Dyna-Gro 9242W | White | 8.9 | 5.1 | 71.1 | 65.6 | 6.1 | 90.9 | 75.8 | 18.6 |
| Dyna-Gro 9422 | Red | 8.6 | 4.3 | 71.3 | 68.0 | 6.1 | 91.1 | 78.3 | 19.5 |
| Dyna-Gro 9533 | Red | 8.9 | -0.8 | 70.2 | 66.4 | 6.3 | 98.1 | 77.6 | 19.1 |
| Dyna-Gro 9570 | Red | 8.9 | -2.6 | 71.9 | 67.4 | 6.5 | 96.5 | 76.7 | 19.1 |
| Dyna-Gro 9632 | Red | 8.5 | -0.3 | 70.2 | 70.2 | 5.7 | 89.9 | 81.3 | 19.5 |
| Dyna-Gro 9641W | White | 9.3 | 6.4 | 73.1 | 63.9 | 6.9 | 76.9 | 76.6 | 19.4 |
| Dyna-Gro 9742W | White | -- | -- | -- | -- | -- | -- | -- | -- |
| Dyna-Gro 9762 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| Dyna-Gro 9771 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| FS 600 | Red | 9.3 | 10.6 | 68.8 | 63.2 | 7.1 | 117.9 | 85.7 | 18.3 |
| FS 617 | Red | 8.8 | 4.3 | 71.0 | 67.1 | 6.3 | 93.8 | 75.8 | 19.5 |
| FS 743 | Red | 8.9 | 3.8 | 70.9 | 65.9 | 6.5 | 104.2 | 82.1 | 18.7 |
| FS 765 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| FS 766 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| ISF EXP2504 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| ISF EXP2506 | Red | 8.9 | 0.1 | 71.3 | 69.5 | 5.9 | 105.4 | 76.5 | 18.8 |
| KWS585 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS606 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS634 | White | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS661 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS671 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS680 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS685 | White | -- | -- | -- | -- | -- | -- | -- | -- |
| KWS687 | White | -- | -- | -- | -- | -- | -- | -- | -- |
| Jupiter | White | 7.7 | -6.2 | 72.5 | 68.9 | 5.3 | 84.7 | 77.0 | 19.7 |
| MCIA Titan | Red | 9.1 | -5.3 | 73.9 | 64.3 | 6.2 | 84.0 | 74.0 | 19.1 |
| MCIA 24004 | Red | 8.8 | 8.4 | 71.7 | 64.3 | 5.9 | 93.1 | 75.5 | 18.7 |
| MCIA 24006 | White | 9.5 | 12.2 | 72.5 | 62.0 | 7.0 | 105.8 | 78.4 | 18.2 |
| MCIA White Lightning | White | 8.5 | 0.7 | 73.4 | 69.6 | 6.0 | 84.4 | 75.5 | 19.4 |
| MCIA Ember | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| MCIA Barracuda | Red | 8.8 | 2.9 | 71.9 | 68.7 | 6.0 | 92.2 | 76.5 | 19.1 |
| MCIA Flipper | Red | 8.7 | 7.0 | 73.2 | 66.3 | 6.1 | 87.4 | 76.8 | 18.8 |
| MCIA Marlin | Red | 8.0 | 4.1 | 72.4 | 66.8 | 5.8 | 99.4 | 77.4 | 18.7 |
| MCIA Redfin | Red | 9.4 | 31.0 | 74.7 | 59.9 | 7.6 | 71.7 | 80.3 | 17.3 |
| MCIA Thunder | Red | 8.5 | -1.9 | 69.6 | 65.4 | 5.8 | 103.1 | 78.9 | 18.8 |
| MCIA Wharf | Red | 9.0 | -1.3 | 70.1 | 64.0 | 6.3 | 91.8 | 75.5 | 19.5 |
| MSU 609W | White | 8.3 | 8.6 | 72.0 | 67.0 | 6.1 | 103.2 | 80.3 | 18.2 |
| Sunburst | Red | 9.4 | 26.1 | 66.7 | 61.6 | 7.2 | 100.9 | 86.0 | 17.5 |
| Whitetail | White | 9.4 | 0.5 | 72.4 | 66.6 | 6.8 | 96.2 | 76.4 | 18.4 |
| MI20R0012-3 | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| MI20R0210 | Red | 9.1 | 0.9 | 72.2 | 67.0 | 6.3 | 84.3 | 75.4 | 18.9 |
| MI22W213 | White | 9.1 | 7.6 | 69.3 | 66.4 | 6.7 | 83.2 | 84.1 | 17.6 |

# 2026 Michigan State University Wheat Performance Trials

**Table 4. Milling and baking quality.**

** From 2025 harvest season - will be updated when 2026 data is received

| Line | Seed Color | NIR Kernel Protein (at 12%) | SKCS Kernel Hardness | Adjusted Flour Yield (%) | Softness Equivalent (%) | Flour Protein (at 14%) | Lactic Acid SRC (%) | Sodium Carbonate SRC (%) | Cookie Diameter (cm) |
|---|---|---|---|---|---|---|---|---|---|
| **MI23W180** | White | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R020** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R021** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R063** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R148** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R270** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24R272** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24W116** | White | -- | -- | -- | -- | -- | -- | -- | -- |
| **MI24W221** | White | -- | -- | -- | -- | -- | -- | -- | -- |
| **Synergy 2601** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **Synergy Emily** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **Synergy Kessler** | Red | 8.0 | -1.7 | 71.0 | 68.4 | 5.6 | 95.2 | 78.3 | 19.3 |
| **18VTK10-23** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **18VTK10-188** | Red | -- | -- | -- | -- | -- | -- | -- | -- |
| **VA23W-432** | Red | -- | -- | -- | -- | -- | -- | -- | -- |

# 2026 Michigan State University Wheat Performance Trials

Table 5. List of entries, seed company and seed treatments applied.

| Line Name | Company | Seed Treatment |
|---|---|---|
| AgriMAXX 545 | AgriMAXX Wheat Company | PRIME ST |
| AgriMAXX 555 | AgriMAXX Wheat Company | PRIME ST |
| AgriMAXX 575 | AgriMAXX Wheat Company | PRIME ST |
| AgriMAXX 576 | AgriMAXX Wheat Company | PRIME ST |
| AgriMAXX Bad Axe | AgriMAXX Wheat Company | PRIME ST |
| AgriMAXX Mackinaw | AgriMAXX Wheat Company | PRIME ST |
| Blue River 801 | Albert Lea Seed | CruiserMaxx Vibrance Cereals |
| DF 106 R | DF Seeds | DFender Wheat |
| DF 131 R | DF Seeds | DFender Wheat |
| DF 144 R | DF Seeds | DFender Wheat |
| DF 195 R | DF Seeds | DFender Wheat |
| DF 271 W | DF Seeds | DFender Wheat |
| DF 284 W | DF Seeds | DFender Wheat |
| FS 600 | FS InSPIRE | Vibrance Extreme & Senator |
| FS 617 | FS InSPIRE | Vibrance Extreme & Senator |
| FS 743 | FS InSPIRE | Vibrance Extreme & Senator |
| FS 765 | FS InSPIRE | Vibrance Extreme & Senator |
| FS 766 | FS InSPIRE | Vibrance Extreme & Senator |
| ISF EXP2504 | Irrer Seed Farm | ISF Shield |
| ISF EXP2506 | Irrer Seed Farm | ISF Shield |
| KWS585 | KWS Cereals USA | Cruiser 5FS |
| KWS606 | KWS Cereals USA | Cruiser 5FS |
| KWS634 | KWS Cereals USA | Cruiser 5FS |
| KWS661 | KWS Cereals USA | Cruiser 5FS |
| KWS671 | KWS Cereals USA | Cruiser 5FS |
| KWS680 | KWS Cereals USA | Cruiser 5FS |
| KWS685 | KWS Cereals USA | Cruiser 5FS |
| KWS687 | KWS Cereals USA | Cruiser 5FS |
| Jupiter | MCIA | Vibrance Extreme |
| MCIA 24004 | MCIA | Vibrance Extreme |
| MCIA 24006 | MCIA | Vibrance Extreme |
| MCIA Barracuda | MCIA | Vibrance Extreme |
| MCIA Ember | MCIA | Vibrance Extreme |
| MCIA Flipper | MCIA | Vibrance Extreme |
| MCIA Marlin | MCIA | Vibrance Extreme |
| MCIA Redfin | MCIA | Vibrance Extreme |
| MCIA Thunder | MCIA | Vibrance Extreme |
| MCIA Titan | MCIA | Vibrance Extreme |
| MCIA Wharf | MCIA | Vibrance Extreme |
| MCIA White Lightning | MCIA | Vibrance Extreme |
| MSU 609W | MCIA | Vibrance Extreme |
| Sunburst | MCIA | Vibrance Extreme |
| Whitetail | MCIA | Vibrance Extreme |
| MI20R0012-3 | MSU | CruiserMaxx Vibrance Cereals |
| MI20R0210 | MSU | CruiserMaxx Vibrance Cereals |

# 2026 Michigan State University Wheat Performance Trials

Table 5. List of entries, seed company and seed treatments applied.

| Line Name | Company | Seed Treatment |
|---|---|---|
| MI22W213 | MSU | CruiserMaxx Vibrance Cereals |
| MI23W180 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R020 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R021 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R063 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R148 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R270 | MSU | CruiserMaxx Vibrance Cereals |
| MI24R272 | MSU | CruiserMaxx Vibrance Cereals |
| MI24W116 | MSU | CruiserMaxx Vibrance Cereals |
| MI24W221 | MSU | CruiserMaxx Vibrance Cereals |
| Dyna-Gro 9172 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9231 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9242W | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9422 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9533 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9570 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9632 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9641W | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9742W | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9762 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Dyna-Gro 9771 | Nutrien Ag Solutions | Foothold Virock with Awaken ST |
| Synergy 2601 | Synergy Ag | Vibrance Extreme Cruiser |
| Synergy Emily | Synergy Ag | Vibrance Extreme Cruiser |
| Synergy Kessler | Synergy Ag | Athena-V MF TBZ IM |
| 18VTK10-188 | Virginia Crop Improvement Association | Foothold Virock |
| 18VTK10-23 | Virginia Crop Improvement Association | Foothold Virock |
| VA23W-432 | Virginia Crop Improvement Association | Foothold Virock |

# Organizations Participating in the 2026 Michigan State University Wheat Performance Trials

AgriMAXX Wheat Company
7167 Highbanks Road
Mascoutah, IL 62258
Phone: 855-629-9432

Albert Lea Seed
1414 W. Main
PO Box 127
Albert Lea, MN 56007
Phone: 800-352-5247

D.F. Seeds, Inc.
3055 W M-21
St. Johns, MI 48879
Phone: 517-623-6161

Dyna-Gro Seed
4648 S Garfield Rd
Auburn, MI 48611
Phone: 989-662-0000

GROWMARK, Inc
1701 Towanda Ave
Bloomington, IL 61701
Phone: 815-383-4395

Irrer Seed Farm
9621 Dexter Trail
Fowler, MI 48835
Phone: 517-719-5710

KWS Cereals USA
495 County Rd 1300 N
Champaign, IL 61822
Phone: 217-888-0176

Michigan Crop Improvement Association
2905 Jolly Road
Okemos, MI 48864
Phone: 517-332-3546

Synergy Ag
6150 N. Co Rd. 33
Tiffin, OH 44883
Phone: 419-355-6708

Virginia Tech
1008 Old Mill Rd
Blacksburg, VA 24060
Phone: 505-412-2738