

2018 Michigan Corn Hybrids Compared  
Michigan State University  
Department of Plant, Soil and Microbial Sciences

Preliminary Grain Yield Data - 2018

SAGINAW - CONVENTIONAL COUNTY GRAIN TRIAL - EARLY (101 Day and Earlier)

| BRAND / HYBRID           | RM  | TRT   | TRAIT | 2018 |          |      |      |     | 2018 - 2017 |          |      |      |     | 2018 - 2016 |          |      |      |     |
|--------------------------|-----|-------|-------|------|----------|------|------|-----|-------------|----------|------|------|-----|-------------|----------|------|------|-----|
|                          |     |       |       | %H2O | BU/A     | Twt  | %SL  | %Sd | %H2O        | BU/A     | Twt  | %SL  | %Sd | %H2O        | BU/A     | Twt  | %SL  | %Sd |
| BLUE RIVER 38G54         | 96  | MXL   | CONV  | 19.2 | 204.1    | 51.5 | 2.6  | 98  | 17.4        | 198.5 *  | 52.4 | 1.3  | 98  |             |          |      |      |     |
| DYNAGRO D39CC43          | 99  | P500  | CONV  | 19.9 | 221.4 *  | 50.3 | 1.8  | 98  |             |          |      |      |     |             |          |      |      |     |
| LEGACY SEEDS L-3547 CONV | 95  | CM250 | CONV  | 19.4 | 203.5    | 50.9 | 1.8  | 96  |             |          |      |      |     |             |          |      |      |     |
| LEGACY SEEDS L-3712 CONV | 96  | CM250 | CONV  | 17.4 | 209.5 *  | 51.2 | 1.2  | 99  |             |          |      |      |     |             |          |      |      |     |
| LG SEEDS LG5427          | 95  | P500  | CONV  | 17.9 | 212.3 *  | 51.2 | 2.3  | 99  |             |          |      |      |     |             |          |      |      |     |
| LG SEEDS LG5470          | 98  | P500  | CONV  | 19.2 | 220.8 *  | 50.7 | 2.3  | 99  | 17.3        | 200.1 ** | 52.2 | 1.3  | 100 | 16.5        | 213.2 ** | 53.5 | 1.0  | 99  |
| M&W SEEDS 47J64          | 94  | P250  | CONV  | 17.7 | 214.4 *  | 51.7 | 0.0  | 99  | 16.5        | 199.5 *  | 52.8 | 0.6  | 99  | 15.6        | 208.7 *  | 54.0 | 0.4  | 99  |
| M&W SEEDS 47R22          | 94  | P250  | CONV  | 18.7 | 198.6    | 52.7 | 3.5  | 98  |             |          |      |      |     |             |          |      |      |     |
| M&W SEEDS 46L41          | 96  | P250  | CONV  | 18.8 | 204.5    | 52.6 | 2.4  | 96  | 17.9        | 197.0 *  | 53.2 | 1.2  | 98  | 16.7        | 209.7 *  | 54.3 | 0.9  | 97  |
| M&W SEEDS 45P33          | 100 | P250  | CONV  | 18.4 | 207.4    | 48.7 | 0.9  | 97  |             |          |      |      |     |             |          |      |      |     |
| M&W SEEDS 45R05          | 100 | P250  | CONV  | 23.0 | 222.7 ** | 52.5 | 4.1  | 98  |             |          |      |      |     |             |          |      |      |     |
| M&W SEEDS 45A37          | 101 | P250  | CONV  | 21.4 | 211.2 *  | 50.2 | 1.5  | 95  | 19.4        | 193.8 *  | 52.0 | 0.9  | 96  | 17.9        | 200.4    | 53.4 | 0.6  | 97  |
| RUPP XRA94-16            | 94  | C250  | CONV. | 17.9 | 205.8    | 51.9 | 3.7  | 98  |             |          |      |      |     |             |          |      |      |     |
| RUPP XRA99-20            | 99  | C250  | CONV. | 18.5 | 211.3 *  | 52.4 | 2.9  | 99  |             |          |      |      |     |             |          |      |      |     |
| RUPP XRA00-21            | 100 | C250  | CONV. | 20.8 | 211.1 *  | 50.9 | 2.7  | 94  |             |          |      |      |     |             |          |      |      |     |
| VIKING O.84-95UP         | 95  | C250  | CONV  | 17.7 | 203.6    | 51.3 | 2.1  | 94  | 17.2        | 186.7    | 53.0 | 1.3  | 96  |             |          |      |      |     |
| VIKING O.98-98P          | 98  | C250  | CONV  | 19.2 | 211.2 *  | 51.3 | 5.0  | 98  |             |          |      |      |     |             |          |      |      |     |
| VIKING O.79-00           | 100 |       | CONV  | 19.1 | 204.0    | 49.3 | 2.4  | 95  | 17.7        | 182.3    | 50.0 | 1.2  | 97  |             |          |      |      |     |
| AVERAGE                  |     |       |       | 19.1 | 209.9    | 51.2 | 2.4  | 97  | 17.6        | 194.0    | 52.2 | 1.1  | 98  | 16.7        | 208.0    | 53.8 | 0.7  | 98  |
| HIGHEST                  |     |       |       | 23.0 | 222.7    | 52.7 | 5.0  | 99  | 19.4        | 200.1    | 53.2 | 1.3  | 100 | 17.9        | 213.2    | 54.3 | 1.0  | 99  |
| LOWEST                   |     |       |       | 17.4 | 198.6    | 48.7 | 0.0  | 94  | 16.5        | 182.3    | 50.0 | 0.6  | 96  | 15.6        | 200.4    | 53.4 | 0.4  | 97  |
| CV (%)                   |     |       |       | 5.0  | 5.8      | 2.0  | 93.0 | 2.0 | 5.7         | 6.4      | 1.7  | 95.6 | 2.0 | 5.1         | 6.6      | 1.6  | 83.4 | 4.0 |
| LSD (5%)                 |     |       |       | 1.1  | 14.4     | 1.2  | 2.6  | 2.0 | 0.9         | 11.6     | 0.8  | 1.6  | 2.0 | 0.6         | 9.6      | 0.6  | 0.9  | 3.0 |

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid