

**NDSU Langdon Research Extension Center
2023 Corn Hybrid Trial**

| Corn Hybrid Trial | | | | | | | | Langdon | | |
|-------------------|--------------|-----------------|-----------|---------------|-----------------|-------------------|----------------|---------|-------|--------------|
| Brand | Hybrid | RM ¹ | Herbicide | | Days to Silk | Harvest Moist. | Test Weight | Yield | | 2-yr Avg. |
| | | | Traits | Insect Traits | | | | 2022 | 2023 | |
| Innictis | A7883VT2PRIB | 78 | GT | VT2P | 71 | 27 | 56.8 | -- | 133.3 | -- |
| Innictis | A7988VT2PRIB | 79 | GT | VT2P | 67 | 28 | 52.6 | 148.9 | 140.5 | 144.7 |
| Integra | 3009VT2 | 80 | RR2 | VT2 | 68 | 27 | 53.5 | 158.1 | 137.2 | 147.6 |
| Integra | 3114VT2 | 81 | RR2 | VT2 | 70 | 31 | 54.0 | -- | 141.3 | -- |
| Legacy | LC275-21 | 77 | GT | | 74 | 41 | 54.4 | 112.6 | 116.4 | 114.5 |
| Legacy | LC304-21 | 80 | Enlist | PWE | 71 | 33 | 53.0 | 124.2 | 137.4 | 130.8 |
| Legacy | LC311-20 | 81 | RR2 | VT2P | 72 | 32 | 53.6 | 147.5 | 132.6 | 140.1 |
| Pioneer | P6910AM | 69 | RR2Y/LL | AcreMax (AM) | 68 | 21 | 55.4 | -- | 119.8 | -- |
| Pioneer | P7389AM | 73 | RR2Y/LL | AcreMax (AM) | 68 | 23 | 53.8 | -- | 135.3 | -- |
| Pioneer | P7417AM | 74 | RR2Y/LL | AcreMax (AM) | 68 | 22 | 53.8 | 151.3 | 127.4 | 139.3 |
| Pioneer | P7861AM | 78 | RR2Y/LL | AcreMax (AM) | 70 | 25 | 54.4 | 129.8 | 130.6 | 130.2 |
| Proseed | 1974 RR | 74 | RR2 | | 69 | 27 | 56.3 | 161.6 | 134.9 | 148.3 |
| REA | 73B59 | 73 | RR2 | Bt | 68 | 24 | 56.0 | -- | 126.6 | -- |
| REA | 80B57 | 80 | RR2 | Bt | 70 | 31 | 53.1 | -- | 147.5 | -- |
| Thunder | T4072 RR | 72 | RR2 | | 68 | 25 | 55.8 | 149.6 | 120.9 | 135.3 |
| Thunder | T4477 GT | 77 | GT | | 75 | 32 | 52.2 | -- | 127.0 | -- |
| Thunder | T6278 VT2P | 78 | RR2 | VT2P | 70 | 30 | 51.7 | 161.7 | 126.0 | 143.8 |
| Thunder | T6977 VT2P | 77 | RR2 | VT2P | 69 | 29 | 51.9 | 154.4 | 137.5 | 146.0 |
| Trial Mean | | | | | 70 | 28 | 54.0 | 144.6 | 131.8 | -- |
| C.V. % | | | | | 1.2 | 6.6 | 1.7 | 6.0 | 6.9 | -- |
| LSD 5% | | | | | 1.4 | 3.2 | 1.6 | 11.1 | 15.6 | -- |
| LSD 10% | | | | | 1.2 | 2.6 | 1.3 | 9.2 | 13.0 | -- |

Planted: May 16

Harvested: October 15

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

¹Relative maturity and hybrid traits as submitted by the company.

GDD from May 16 to October 6 were 2088. Normal is 1746.

Approximate GDD to reach RM for 75 day corn is 1800, 80 day corn is 1920.