

NDSU Langdon Research Extension Center
2016 Corn Hybrid Trial

| Corn Hybrid Trial - 2016 | | | | | | | Langdon | |
|--------------------------|--------------------|-----------------|----------------------------|---------|---------|--------|----------------|-----------|
| Brand | Hybrid | RM ¹ | Hybrid Traits ¹ | Days to | Harvest | Test | Grain Yield | |
| | | | | Silk | Moist. | Weight | 2016 | 2-Yr.Avg. |
| | | | | | % | lbs/bu | -----bu/a----- | |
| Integra | 2803 VT2PRIB | 78 | RR2 | 85.8 | 24.5 | 53.8 | 172.1 | 146.1 |
| Integra | 9302 VT2PRIB | 80 | RR2 | 86.0 | 27.0 | 53.9 | 143.7 | 127.8 |
| Legacy | L-1814 VT2PRO | 79 | RR2,CB | 84.9 | 30.0 | 52.1 | 150.7 | 134.4 |
| Legacy | L-2213 VT2PRO | 80 | RR2,CB | 85.2 | 29.2 | 52.7 | 158.9 | 137.8 |
| Legacy | L-2245 VT2PRO | 81 | RR2,CB | 88.3 | 30.2 | 52.3 | 156.5 | -- |
| NorthStar | NS 78-510 RR2 | 78 | RR2 | 85.7 | 28.8 | 53.6 | 167.2 | 151.1 |
| NorthStar | NS 78-166 VT2P | 78 | RR2, VT2P | 85.3 | 31.6 | 52.7 | 159.1 | -- |
| NorthStar | NS 80-580 VT2P RIB | 80 | RR2, VT2P | 84.6 | 29.6 | 53.2 | 128.7 | -- |
| NorthStar | NS 81-188 VT2P | 81 | RR2, VT2P | 86.9 | 31.1 | 51.9 | 145.1 | -- |
| NuTech/G2 Genetics | 5F-775 | 75 | RR2,LL,CB | 82.3 | 25.7 | 51.4 | 173.6 | 150.8 |
| NuTech/G2 Genetics | 5F-379 | 79 | RR2,LL,CB | 84.8 | 28.7 | 50.9 | 176.4 | 151.6 |
| NuTech/G2 Genetics | 5F-781 | 81 | RR2,LL,CB | 85.5 | 32.1 | 52.0 | 146.9 | 147.9 |
| NuTech | X5G-8001 | 80 | GT, LL,CB | 83.0 | 26.2 | 56.1 | 136.7 | -- |
| Pioneer | P7332R | 73 | RR2 | 83.3 | 24.0 | 53.2 | 161.1 | 148.1 |
| Pioneer | P7958AM | 79 | RR2,LL,YGCB,HX1 | 84.4 | 25.9 | 53.2 | 158.1 | -- |
| Proseed | 1280 VT2P | 80 | RR2,VT2P | 86.9 | 29.8 | 52.8 | 136.2 | 128.5 |
| Proseed | 1480 VT2P | 80 | RR2,VT2P | 87.0 | 30.1 | 52.4 | 149.9 | 133.2 |
| Proseed | 1378 VT2P | 78 | RR2,VT2P | 86.2 | 26.9 | 53.2 | 155.8 | 140.6 |
| Proseed | 1382 VT2P | 81 | RR2,VT2P | 87.0 | 33.5 | 51.0 | 146.9 | -- |
| PSF | PFS21N78 | 78 | RR2 | 84.5 | 24.8 | 53.3 | 172.9 | 151.1 |
| PSF | PFS71C80 | 80 | RR2, VT2PRO | 85.6 | 28.0 | 54.0 | 135.6 | -- |
| REA | 1B730-RIB | 73 | RR2,Bt | 82.7 | 27.4 | 56.1 | 133.0 | 122.2 |
| REA | 1B790-RIB | 79 | RR2,Bt | 87.0 | 30.4 | 52.5 | 153.9 | 140.3 |
| Thunder | 4578 | 78 | RR2 | 85.6 | 25.5 | 53.0 | 156.9 | 143.7 |
| Thunder | EXP 76 | 76 | RR2 | 82.3 | 26.5 | 54.2 | 169.3 | -- |
| Thunder | EXP 80 | 80 | RR2 | 87.0 | 27.6 | 52.8 | 167.0 | -- |
| Wensman | W80761VT2RIB | 76 | RR2,VT2 | 83.6 | 29.9 | 54.6 | 116.4 | 124.2 |
| Wensman | W80809VT2RIB | 80 | RR2,VT2 | 86.9 | 31.4 | 52.3 | 150.7 | 130.4 |
| Wensman | W80818VT2PRO | 81 | RR2,VT2 | 87.8 | 33.0 | 50.5 | 158.6 | -- |
| Trial Mean | | | | 85.4 | 28.6 | 53.0 | 153.0 | -- |
| C.V. % | | | | 1.5 | 5.7 | 1.4 | 7.7 | -- |
| LSD 5% | | | | 2.2 | 2.7 | 1.2 | 19.4 | -- |
| LSD 10% | | | | 1.8 | 2.2 | 1.0 | 16.2 | -- |

Planted: May 4

Harvested: October 24

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

Yield and test weight reported at 15.5% moisture.