

Exp 3. State Hybrid Corn Performance Test - Lakota 2008

North East ND

| | | Grain | Grain | Plant | Root | Stalk | Test |
|----------------|---------------------|--------------|-----------------|----------------|-------------|--------------|---------------|
| Company | Hybrid | Yield | Moisture | Density | Ldg. | Ldg. | Weight |
| | | (bu/A) | (%) | (Pl/A) | (%) | (%) | (lb/bu) |
| Nutech | 3T-484VT3 | 169.1 | 23.0 | 34849 | 0.0 | 12.9 | 50.5 |
| Pioneer | 39 B 23 | 159.2 | 23.5 | 34542 | 0.0 | 18.9 | 48.9 |
| Peterson | PFS 27 L 84 | 157.6 | 22.2 | 34542 | 0.0 | 13.0 | 46.1 |
| Terning | TS 8181 GTCBLL | 151.4 | 26.5 | 34542 | 2.7 | 21.3 | 42.1 |
| Wensman | W7083 VT3 | 150.6 | 21.0 | 33977 | 0.0 | 25.9 | 51.5 |
| Kruger | K-2086 RR/YGCB | 147.7 | 20.1 | 34413 | 0.0 | 39.2 | 51.6 |
| Proseed | 581 VT3 | 136.4 | 24.0 | 33977 | 0.0 | 7.5 | 47.0 |
| Monsanto | DKC 35-19(RR2/YGCB) | 132.2 | 22.4 | 36155 | 0.0 | 19.1 | 50.9 |
| Gold Country | 77-02-RR | 131.4 | 23.6 | 34928 | 0.0 | 70.0 | 52.4 |
| Kruger | K-1178 RR | 129.3 | 20.9 | 34106 | 0.0 | 9.4 | 47.6 |
| Nutech | 3C-882 RR/YGCB | 127.2 | 21.8 | 34849 | 0.0 | 34.4 | 51.1 |
| Proseed | 879 RR | 126.8 | 20.2 | 34849 | 0.0 | 13.5 | 53.9 |
| Pioneer | 39 N 99 | 126.5 | 24.7 | 34364 | 0.0 | 7.3 | 48.4 |
| Nutech | 3T-083 VT3 | 125.8 | 21.8 | 34186 | 0.0 | 20.7 | 51.8 |
| Hyland | HLR 228 | 124.5 | 26.6 | 33977 | 0.0 | 0.0 | 46.2 |
| Terning | TSEX85 | 123.8 | 25.1 | 34413 | 0.0 | 14.0 | 47.2 |
| Mycogen | 2K 154 | 123.3 | 26.2 | 34235 | 0.0 | 13.3 | 46.3 |
| Kruger | K-1087 RR | 123.2 | 21.7 | 36591 | 0.0 | 19.5 | 51.5 |
| Pioneer | 39 V 08 | 122.1 | 21.6 | 34799 | 0.0 | 28.8 | 50.5 |
| Hyland | HLB 24R | 121.9 | 29.8 | 35720 | 1.2 | 28.0 | 44.1 |
| Peterson | PFS 54 M 83 | 121.5 | 22.1 | 34235 | 1.4 | 43.2 | 50.4 |
| Seeds 2000 | 8201 VT3 | 121.3 | 24.9 | 34235 | 0.0 | 2.8 | 49.4 |
| Kruger | K-2087 RR/YGCB | 119.1 | 22.8 | 34106 | 0.0 | 18.4 | 49.8 |
| Wensman | 7085 VT3 | 118.3 | 23.2 | 35720 | 0.0 | 14.2 | 49.4 |
| Mycogen | 2P 174 | 117.2 | 26.3 | 35284 | 0.0 | 15.2 | 45.4 |
| REA | 2B 585 | 115.5 | 23.4 | 34799 | 0.0 | 18.9 | 46.5 |
| Kruger | K-1584 RR | 113.4 | 26.2 | 37076 | 0.0 | 4.7 | 44.1 |
| Kruger | K-1086 RR | 113.2 | 21.9 | 37027 | 2.4 | 54.4 | 49.8 |
| Nutech | 1B-887 GT/CBLL | 113.2 | 30.3 | 34671 | 14.7 | 17.3 | 41.9 |
| Nutech | 3T-388 VT3 | 112.6 | 31.8 | 37076 | 0.0 | 15.1 | 42.4 |
| Peterson | PFS 24 F 80 | 111.8 | 22.6 | 34186 | 0.0 | 2.9 | 51.3 |
| REA | 2N 396 | 110.5 | 26.2 | 34671 | 2.6 | 8.2 | 46.1 |
| Proseed | 781 RR Bt | 108.3 | 30.1 | 34106 | 0.0 | 12.9 | 44.5 |
| Kruger | K-5388 YGCB | 107.6 | 24.0 | 34542 | 0.0 | 23.0 | 48.5 |

Experiment Conducted by NDSU Corn breeding Program

Exp 3. State Hybrid Corn Performance Test - Lakota 2008

North East ND

| | | | | | | | |
|----------|---------------------|-------|------|-------|-------|------|------|
| Monsanto | DKC 33-54RR2 | 107.1 | 26.0 | 34106 | 0.0 | 18.5 | 48.0 |
| Wensman | W 7087 VT3 | 105.5 | 31.0 | 36155 | 0.0 | 4.9 | 42.9 |
| Proseed | 884 VT3 | 105.2 | 28.7 | 34928 | 0.0 | 25.3 | 45.8 |
| Nutech | 3P-484 RR/YGPL | 102.0 | 32.1 | 34671 | 9.4 | 7.9 | 43.7 |
| Monsanto | DKC 29-98(RR2/YGCB) | 100.4 | 22.3 | 37027 | 0.0 | 16.6 | 53.5 |
| Wensman | W 7107 VT3 | 98.0 | 37.2 | 34057 | 6.3 | 5.5 | 42.3 |
| Kruger | K-1093 RR | 96.2 | 32.9 | 34671 | 0.0 | 16.0 | 44.4 |
| Nutech | 3A-390RR | 94.7 | 37.7 | 34106 | 0.0 | 36.3 | 41.7 |
| REA | 2N 102 | 94.5 | 28.2 | 36155 | 10.3 | 3.4 | 42.9 |
| Mycogen | 2T 092 | 94.5 | 24.8 | 35284 | 0.0 | 12.7 | 45.8 |
| Nutech | 1N-887 CB/LL/RW | 93.5 | 38.2 | 34671 | 35.3 | 12.5 | 40.8 |
| Hyland | HLR 22R | 92.8 | 34.7 | 34106 | 0.0 | 17.2 | 43.3 |
| Terning | TS 8000 RR YGCB | 86.1 | 39.6 | 34928 | 0.0 | 2.8 | 40.6 |
| Proseed | 787 VT3 | 85.2 | 37.4 | 36155 | 6.3 | 2.5 | 41.6 |
| Wensman | W 7089 VT3 | 83.2 | 37.3 | 34413 | 0.0 | 3.8 | 42.2 |
| Kruger | K-1780 RR | 80.6 | 28.7 | 35720 | 0.0 | 12.7 | 47.7 |
| REA | 1823 YGCB/RR2 | 79.4 | 37.6 | 37462 | 0.0 | 12.7 | 40.8 |
| | | | | | | | |
| | MEAN | 115.9 | 27.0 | 33910 | 1.8 | 17.3 | 46.8 |
| | CV | 16.6 | 12.1 | 8 | 273.5 | 73.0 | 5.5 |
| | LSD | 37.3 | 6.1 | 3403 | 9.8 | 25.3 | 5.4 |