

NDSU Main Station * North Dakota Agricultural Experiment Station

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Hybrid Corn Performance Trial (Exp 5) Barney 2005

| Company | Hybrid | Grain Yield | Perf. Index | Grain Moisture | Plant Density | Dropp. Ears | Root Ldg. | Stalk Ldg. | Test weight |
|--------------|--------------|-------------|-------------|----------------|---------------|-------------|-----------|------------|-------------|
| | | bu/A | PI | % | Pl/A | % | % | % | Lb/bu |
| Wensman | W5085Bt | 203.5 | 113.8 | 25.1 | 37453 | 0.0 | 0.0 | 0.0 | 49.6 |
| Wensman | W5117Bt | 201.8 | 107.2 | 27.2 | 38324 | 0.0 | 0.0 | 0.0 | 49.5 |
| Seeds2000 | 2953Bt | 198.3 | 118.7 | 23.5 | 38195 | 0.0 | 0.0 | 0.0 | 51.9 |
| Monsanto | DKC40-05 | 197.0 | 114.6 | 24.3 | 39243 | 0.0 | 0.0 | 0.0 | 53.5 |
| NuTech | NT-4191YGCB | 196.0 | 116.0 | 23.7 | 39550 | 0.0 | 0.0 | 0.0 | 53.8 |
| NuTech | NT-1990LL/BT | 195.5 | 112.6 | 24.4 | 38759 | 0.0 | 0.0 | 0.0 | 53.7 |
| Wensman | W5212Bt | 195.1 | 131.6 | 20.8 | 39501 | 0.0 | 0.0 | 0.0 | 56.5 |
| NuTech | NT-4595TGCB | 193.0 | 96.3 | 28.1 | 39195 | 0.0 | 0.0 | 0.0 | 48.8 |
| Pioneer | 38T41 | 192.7 | 107.3 | 25.3 | 38404 | 0.0 | 0.0 | 0.0 | 51.4 |
| Gold Country | GCS94-01CB | 191.8 | 107.3 | 26.0 | 38937 | 0.0 | 0.0 | 0.0 | 49.8 |
| Pioneer | 38K35 | 191.5 | 103.4 | 26.0 | 37711 | 0.0 | 0.0 | 0.0 | 49.0 |
| Mycogen | 2K350 | 186.3 | 104.8 | 25.1 | 39808 | 0.0 | 0.0 | 0.0 | 49.3 |
| Proseed | 588BT | 186.3 | 113.3 | 23.1 | 37888 | 0.0 | 0.0 | 1.2 | 53.0 |
| Dairyland | Stealth-5692 | 184.6 | 95.6 | 27.1 | 36275 | 0.0 | 0.0 | 0.0 | 48.1 |

| | | | | | | | | | |
|-----------------|----------------|-------|-------|------|-------|-----|-----|-----|------|
| Peterson Farm | PFS76G95YGCB | 180.3 | 105.8 | 23.9 | 36146 | 0.0 | 0.0 | 0.0 | 51.5 |
| NuTech | NT-1992LL/YGCB | 179.7 | 112.3 | 22.4 | 39195 | 0.0 | 0.0 | 0.0 | 51.8 |
| Proseed | 590BT | 177.1 | 88.4 | 28.5 | 35404 | 0.0 | 0.0 | 0.0 | 50.0 |
| Proseed | 587BT11 | 175.2 | 89.0 | 27.6 | 35840 | 0.0 | 0.0 | 0.0 | 49.7 |
| NuTech | NT-1888LL/BT | 172.7 | 103.0 | 23.9 | 37017 | 0.0 | 0.0 | 0.0 | 49.5 |
| NuTech | NT-0094 | 172.7 | 89.7 | 27.2 | 38759 | 0.0 | 0.0 | 0.0 | 50.9 |
| Hyland | Juxxin | 172.0 | 95.9 | 25.3 | 36711 | 0.0 | 0.0 | 0.0 | 49.8 |
| Peterson Farm | PFS76192YGCB | 171.0 | 95.3 | 25.5 | 36582 | 0.0 | 0.0 | 0.0 | 48.8 |
| Hyland | HL2368 | 170.3 | 91.7 | 26.3 | 38759 | 0.0 | 0.0 | 0.0 | 52.0 |
| Wensman | W5088Bt | 168.6 | 99.3 | 23.8 | 38937 | 0.0 | 0.0 | 0.0 | 51.9 |
| Proseed | XES86BT | 167.2 | 92.9 | 25.3 | 37888 | 0.0 | 0.0 | 0.0 | 49.2 |
| Monsanto | DKC44-42(YGCB) | 165.0 | 92.5 | 25.4 | 39630 | 0.0 | 0.0 | 0.0 | 50.2 |
| Gold Country | GCS94-02CBLL | 163.1 | 105.1 | 21.9 | 38759 | 0.0 | 0.0 | 0.0 | 51.6 |
| Dairyland | Stealth-5194 | 160.2 | 95.1 | 23.7 | 39066 | 0.0 | 0.0 | 0.0 | 51.3 |
| Hyland | HLB282 | 158.6 | 98.9 | 22.6 | 36582 | 0.0 | 0.0 | 0.0 | 52.6 |
| Proseed | P92BT | 152.8 | 85.4 | 25.1 | 36533 | 0.0 | 0.0 | 0.0 | 49.6 |
| Gold Country | GCS92-01CBR | 152.1 | 89.7 | 23.8 | 36840 | 0.0 | 0.0 | 0.0 | 52.7 |
| NuTech | NT-0095 | 152.0 | 84.9 | 25.2 | 37888 | 0.0 | 0.0 | 3.3 | 51.2 |
| Kaltenberg | K4688Bt | 148.3 | 87.8 | 23.9 | 36582 | 0.0 | 0.0 | 0.0 | 52.5 |
| NuTech | NT-8494YGPlus | 144.0 | 86.8 | 23.4 | 35969 | 0.0 | 0.0 | 0.0 | 53.7 |
| Experiment Mean | | 176.9 | 100.9 | 24.8 | 37862 | 0.0 | 0.0 | 0.1 | 51.1 |

| | | | | | | | | |
|-----|--|------|-----|------|-----|-----|-------|-----|
| LSD | | 35.6 | 2.5 | 5296 | 0.0 | 0.0 | 1.7 | 1.7 |
| CV | | 11.7 | 6.1 | 10 | 0.0 | 0.0 | 639.1 | 2.9 |

Planting date 05/05/05

Harvesting date 10/17/05

Experiment conducted by NDSU corn breeding program

[Go to Main Station 2005 Variety Trial Index](http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm) (<http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm>)
[Go to All Research Stations 2005 Variety Trial Index](http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm) (<http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm>)
[Go to NDSU Main Station](http://www.ag.ndsu.nodak.edu/fargo/) (<http://www.ag.ndsu.nodak.edu/fargo/>)
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