

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Corn - Irrigated **Dickey County - Oakes Irrigation Research Site (Page 1 of 2)**

| Brand | Hybrid | R.M. | Silk Date | Ear Height inch | Plant Height inch | Grain Protein % | Grain Starch % | Grain Oil % | Harvest Moisture % | Test Weight lb/bu | Grain Yield bu/ac |
|--------------|---------------|------|-----------|--------------------|----------------------|--------------------|-------------------|----------------|-----------------------|----------------------|----------------------|
| Dairyland | ST-7891 | 91 | 7/23 | 47 | 93 | 9.7 | 70.9 | 3.5 | 17.7 | 55.0 | 194 |
| Dairyland | ST-9594 | 94 | 7/25 | 52 | 104 | 9.2 | 72.0 | 3.5 | 19.9 | 53.2 | 191 |
| Dairyland | ST-9196 | 96 | 7/27 | 49 | 96 | 9.0 | 72.4 | 3.4 | 20.0 | 54.8 | 229 |
| DeKalb | DKC43-27 | 93 | 7/22 | 43 | 91 | 8.8 | 73.0 | 2.9 | 21.2 | 51.2 | 175 |
| DeKalb | DKC45-79 | 95 | 7/24 | 46 | 99 | 9.1 | 72.1 | 3.4 | 22.3 | 53.3 | 203 |
| DeKalb | DKC46-60 | 96 | 7/22 | 47 | 95 | 9.1 | 72.3 | 3.0 | 21.5 | 53.5 | 208 |
| DeKalb | DKC50-19 | 100 | 7/24 | 48 | 95 | 8.6 | 72.3 | 3.2 | 22.7 | 53.3 | 212 |
| DeKalb | DKC50-44 | 100 | 7/24 | 47 | 97 | 8.7 | 72.0 | 3.5 | 26.4 | 51.9 | 232 |
| Gold Country | 92-03 VT3 | 92 | 7/23 | 46 | 90 | 9.1 | 72.0 | 3.4 | 21.9 | 52.3 | 184 |
| Gold Country | 94-04 VT3 | 94 | 7/25 | 50 | 98 | 9.1 | 71.7 | 3.4 | 24.2 | 52.3 | 207 |
| Tester | | 95 | 7/24 | 46 | 98 | 8.9 | 71.6 | 3.3 | 21.4 | 55.6 | 216 |
| Gold Country | 98-10 VT3 | 98 | 7/28 | 50 | 97 | 9.1 | 71.0 | 3.4 | 20.3 | 53.8 | 238 |
| Hyland | HL B38R | 92 | 7/27 | 50 | 99 | 8.3 | 71.5 | 3.6 | 22.1 | 52.3 | 208 |
| Hyland | HL CVR54 | 92 | 7/27 | 52 | 100 | 8.9 | 70.9 | 3.6 | 22.0 | 52.2 | 209 |
| Hyland | HL CVR64 | 97 | 7/26 | 47 | 96 | 9.5 | 72.0 | 3.5 | 21.3 | 52.4 | 215 |
| Integra | 9480VT3 | 97 | 7/25 | 49 | 97 | 9.5 | 71.4 | 3.2 | 22.0 | 53.8 | 206 |
| Kruger | K-2086RR/YGCB | 86 | 7/22 | 53 | 103 | 10.3 | 71.1 | 3.6 | 20.9 | 53.5 | 165 |
| Kruger | K-2087RR/YGCB | 87 | 7/23 | 48 | 98 | 9.5 | 71.0 | 3.5 | 20.9 | 54.7 | 167 |
| Kruger | K-5388YGCB | 88 | 7/23 | 49 | 96 | 10.2 | 71.6 | 3.0 | 20.2 | 55.2 | 160 |
| Kruger | K-2090RR/YGCB | 90 | 7/23 | 47 | 96 | 9.3 | 71.5 | 3.4 | 19.7 | 53.8 | 173 |
| Kruger | K-1490RR | 90 | 7/24 | 50 | 100 | 9.3 | 71.3 | 3.6 | 20.3 | 56.2 | 176 |
| Kruger | K-6093VT3 | 93 | 7/23 | 46 | 93 | 9.1 | 71.8 | 3.4 | 21.3 | 52.6 | 195 |
| Kruger | K-6094VT3 | 94 | 7/26 | 49 | 96 | 9.2 | 71.9 | 3.4 | 23.3 | 52.7 | 189 |
| Kruger | K-1295RR | 95 | 7/24 | 49 | 97 | 8.9 | 72.1 | 3.2 | 20.8 | 53.7 | 216 |
| Kruger | K-6697VT3 | 96 | 7/27 | 47 | 96 | 9.0 | 72.7 | 3.2 | 19.7 | 54.3 | 214 |
| Kruger | K-6097VT3 | 97 | 7/27 | 52 | 99 | 8.8 | 72.2 | 3.2 | 20.9 | 53.0 | 233 |
| Kruger | K-6298VT3 | 98 | 7/24 | 47 | 98 | 9.0 | 71.8 | 3.5 | 21.3 | 53.1 | 202 |
| Kruger | K-1500RR | 99 | 7/28 | 54 | 101 | 8.8 | 71.6 | 3.4 | 21.3 | 52.3 | 238 |
| Kruger | K-6499VT3 | 99 | 7/28 | 47 | 94 | 8.8 | 71.8 | 3.3 | 20.1 | 53.8 | 250 |
| Mustang Seed | 2307 VT3 RR | 86 | 7/24 | 46 | 96 | 9.4 | 71.5 | 3.5 | 20.5 | 53.7 | 177 |
| Mustang Seed | 4320 VT3 RR | 95 | 7/27 | 50 | 98 | 8.8 | 71.4 | 3.5 | 21.5 | 52.0 | 213 |
| NuTech Seed | 3T-393 VT3 | 91 | 7/27 | 52 | 99 | 8.8 | 71.8 | 3.4 | 20.8 | 52.7 | 216 |
| NuTech Seed | 3A-095 RR | 93 | 7/25 | 48 | 96 | 9.0 | 72.4 | 3.5 | 20.6 | 54.3 | 207 |
| NuTech Seed | 3T-595 VT3 | 93 | 7/24 | 49 | 95 | 9.2 | 72.0 | 3.4 | 21.5 | 51.6 | 169 |
| NuTech Seed | 3T-995 VT3 | 93 | 7/24 | 46 | 97 | 8.6 | 71.5 | 3.4 | 20.9 | 53.5 | 225 |
| NuTech Seed | 3T-096 VT3 | 94 | 7/24 | 49 | 99 | 8.8 | 72.7 | 3.3 | 21.5 | 55.1 | 219 |
| NuTech Seed | 3T-098 VT3 | 96 | 7/28 | 49 | 96 | 8.9 | 71.8 | 3.2 | 20.9 | 53.9 | 234 |
| Mean | | | 7/25 | 49 | 98 | 9.1 | 71.7 | 3.4 | 21.7 | 53.2 | 211.0 |
| C.V. | | | | 5.1 | 2.7 | 2.6 | 0.9 | 5.9 | 5.0 | 2.2 | 6.5 |
| LSD (.05) | | | | 3.5 | 3.7 | 0.3 | 0.9 | 0.3 | 1.5 | 1.6 | 18.9 |

Planting Date = May 8; Harvest Date = November 12; Previous Crop = Soybean

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| Brand | Hybrid | R.M. | Silk Date | Ear Height inch | Plant Height inch | Grain Protein % | Grain Starch % | Grain Oil % | Harvest Moisture % | Test Weight lb/bu | Grain Yield bu/ac |
|--------------|--------------------|------|-----------|--------------------|----------------------|--------------------|-------------------|----------------|-----------------------|----------------------|----------------------|
| NuTech Seed | 3T-098A VT3 | 96 | 7/28 | 50 | 96 | 9.0 | 71.8 | 3.3 | 22.1 | 53.4 | 228 |
| NuTech Seed | 1B-198 CB/LL | 96 | 7/25 | 48 | 98 | 8.8 | 71.9 | 3.3 | 22.4 | 52.5 | 236 |
| NuTech Seed | 5N-898 GT/CB/LL/RW | 96 | 7/25 | 43 | 94 | 9.0 | 72.0 | 3.3 | 22.1 | 53.6 | 238 |
| NuTech Seed | 3T-399 VT3 | 97 | 7/25 | 48 | 97 | 8.7 | 71.1 | 3.8 | 23.1 | 53.8 | 235 |
| NuTech Seed | 5H-599 RR/HX | 97 | 7/30 | 55 | 103 | 9.4 | 71.4 | 3.6 | 22.8 | 51.9 | 245 |
| NuTech Seed | 3T-799 VT3 | 97 | 7/28 | 52 | 98 | 9.1 | 71.1 | 3.7 | 21.4 | 53.3 | 232 |
| NuTech Seed | 3C-300 RR/YGCB | 98 | 7/26 | 52 | 105 | 9.1 | 71.5 | 3.7 | 22.6 | 52.1 | 239 |
| NuTech Seed | 3C-300A RR/YGCB | 98 | 7/25 | 51 | 102 | 8.7 | 71.7 | 3.8 | 21.4 | 53.0 | 217 |
| NuTech Seed | 3P-400 RR/YGPL | 98 | 7/27 | 52 | 101 | 9.3 | 71.1 | 3.6 | 23.0 | 52.5 | 230 |
| NuTech Seed | 3T-500 VT3 | 98 | 7/26 | 52 | 98 | 8.8 | 71.8 | 3.6 | 24.8 | 52.0 | 237 |
| NuTech Seed | 1B-900 CB/LL | 98 | 7/26 | 50 | 98 | 8.7 | 71.3 | 3.7 | 24.6 | 50.8 | 241 |
| NuTech Seed | 3T-101+VT3 | 99 | 7/29 | 54 | 103 | 9.3 | 70.8 | 4.0 | 21.3 | 51.7 | 225 |
| NuTech Seed | 1X-201 HXT/LL | 99 | 7/30 | 58 | 102 | 9.0 | 71.6 | 4.0 | 24.0 | 52.8 | 228 |
| PFS | 56G95 | 95 | 7/24 | 49 | 96 | 9.1 | 71.3 | 3.7 | 22.0 | 51.3 | 170 |
| PFS | 53Y96 | 96 | 7/24 | 48 | 96 | 8.8 | 71.4 | 3.5 | 22.5 | 52.3 | 204 |
| PFS | 53B97 | 97 | 7/24 | 51 | 99 | 8.9 | 72.1 | 3.3 | 22.2 | 56.3 | 223 |
| Pioneer | 38H08 | 92 | 7/23 | 52 | 96 | 9.1 | 71.6 | 2.9 | 20.2 | 50.6 | 202 |
| Pioneer | 38M60 | 94 | 7/23 | 54 | 99 | 9.3 | 71.7 | 3.0 | 21.5 | 53.3 | 165 |
| Pioneer | 38P43 | 95 | 7/24 | 50 | 102 | 9.8 | 72.1 | 3.4 | 24.7 | 56.1 | 187 |
| Pioneer | 37Y14 | 99 | 7/26 | 50 | 98 | 9.7 | 70.8 | 3.4 | 22.5 | 53.4 | 207 |
| Proseed | 793CBLL | 93 | 7/23 | 47 | 96 | 8.9 | 72.5 | 2.9 | 20.6 | 52.5 | 214 |
| Proseed | 794 CBLLGT | 94 | 7/26 | 54 | 97 | 9.2 | 71.1 | 3.0 | 20.9 | 54.3 | 223 |
| Proseed | 894 VT3 | 94 | 7/27 | 51 | 98 | 8.7 | 71.5 | 3.4 | 21.3 | 52.6 | 209 |
| Renk | RK438RRYGPL | 92 | 7/25 | 43 | 93 | 9.1 | 72.6 | 2.9 | 21.4 | 53.2 | 183 |
| Renk | RK488RRYGPL | 95 | 7/27 | 50 | 98 | 8.9 | 72.2 | 3.4 | 21.8 | 53.5 | 205 |
| Renk | RK501YGCB | 95 | 7/25 | 48 | 96 | 9.0 | 71.6 | 3.5 | 20.6 | 54.4 | 222 |
| Renk | RK570VT3 | 95 | 7/26 | 48 | 99 | 9.6 | 71.7 | 3.4 | 22.4 | 50.9 | 204 |
| Renk | RK575VT3 | 97 | 7/26 | 47 | 99 | 9.7 | 71.4 | 3.5 | 22.2 | 50.9 | 204 |
| Renk | RK584CBLL | 98 | 7/26 | 51 | 98 | 9.1 | 71.2 | 3.7 | 22.5 | 52.5 | 236 |
| Seeds 2000 | 9501VT3 | 95 | 7/27 | 51 | 100 | 8.7 | 71.4 | 3.4 | 22.7 | 51.8 | 196 |
| Seeds 2000 | 9901VT3 | 99 | 7/25 | 51 | 98 | 9.3 | 72.2 | 3.2 | 23.1 | 53.8 | 223 |
| Wensman Seed | W 7107VT3 | 90 | 7/24 | 46 | 96 | 9.0 | 71.7 | 3.2 | 20.4 | 53.7 | 198 |
| Wensman Seed | W 7143VT3 | 93 | 7/25 | 48 | 100 | 8.9 | 71.7 | 3.3 | 20.2 | 54.4 | 229 |
| Wensman Seed | W 7267VT3 | 97 | 7/28 | 47 | 94 | 8.8 | 71.9 | 3.2 | 21.6 | 53.4 | 249 |
| Wensman Seed | W 7273VT3 | 98 | 7/28 | 50 | 94 | 9.0 | 71.8 | 3.2 | 20.5 | 53.4 | 221 |
| Wensman Seed | W 7289VT3 | 99 | 7/24 | 49 | 97 | 8.9 | 72.2 | 3.4 | 22.7 | 54.9 | 209 |
| Wensman Seed | W 7309VT3 | 101 | 7/26 | 53 | 98 | 9.3 | 72.0 | 3.4 | 23.6 | 52.7 | 238 |
| Mean | | | 7/25 | 49 | 98 | 9.1 | 71.7 | 3.4 | 21.7 | 53.2 | 211.0 |
| C.V. | | | | 5.1 | 2.7 | 2.6 | 0.9 | 5.9 | 5.0 | 2.2 | 6.5 |
| LSD (.05) | | | | 3.5 | 3.7 | 0.3 | 0.9 | 0.3 | 1.5 | 1.6 | 18.9 |

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