

**NDSU Carrington Research Extension Center  
2005 Variety Trial Data**

**Corn - Dryland** **Carrington (Page 1 of 3)**

| Brand          | Hybrid       | R.M. | Days<br>to Silk | Plant<br>Lodge<br>0-9 | Ear<br>Height<br>inch | Plant<br>Height<br>inch | Harvest<br>Moisture<br>% | Test<br>Weight<br>lb/bu | - Grain Yield |                                  |
|----------------|--------------|------|-----------------|-----------------------|-----------------------|-------------------------|--------------------------|-------------------------|---------------|----------------------------------|
|                |              |      |                 |                       |                       |                         |                          |                         | 2005          | 3-yr.<br>Avg.<br>-----bu/ac ---- |
| Proseed        | M80RR        | 80   | 71.5            | 0.7                   | 39                    | 92                      | 17.0                     | 57.1                    | 100.7         | --                               |
| Proseed        | 580Bt RR     | 80   | 68.8            | 0.0                   | 37                    | 97                      | 15.8                     | 58.2                    | 99.1          | --                               |
| Proseed        | 581 RR Bt    | 81   | 71.5            | 0.0                   | 38                    | 96                      | 16.7                     | 56.9                    | 115.4         | --                               |
| Proseed        | T81 Bt       | 81   | 70.8            | 0.0                   | 37                    | 92                      | 16.4                     | 57.2                    | 101.4         | --                               |
| Proseed        | XET 83 Bt    | 83   | 73.3            | 0.0                   | 39                    | 93                      | 17.0                     | 57.9                    | 107.5         | --                               |
| Proseed        | S83 Bt       | 84   | 71.8            | 0.3                   | 39                    | 93                      | 16.8                     | 57.1                    | 112.2         | --                               |
| Proseed        | 583          | 83   | 69.5            | 0.7                   | 35                    | 92                      | 16.7                     | 57.9                    | 101.0         | --                               |
| Proseed        | RR 584       | 84   | 70.8            | 0.0                   | 40                    | 92                      | 17.6                     | 57.2                    | 102.7         | --                               |
| Proseed        | RR 585       | 85   | 69.0            | 0.0                   | 37                    | 97                      | 16.5                     | 56.7                    | 99.9          | --                               |
| Proseed        | 582BT11      | 82   | 70.8            | 0.0                   | 37                    | 94                      | 16.6                     | 56.4                    | 126.3         | --                               |
| Dyna-Gro       | 51P33        | 85   | 72.3            | 0.3                   | 38                    | 99                      | 16.5                     | 57.4                    | 121.5         | --                               |
| Dyna-Gro       | 51K74        | 83   | 70.3            | 0.3                   | 39                    | 96                      | 16.4                     | 56.2                    | 119.4         | --                               |
| Dyna-Gro       | 51K95        | 84   | 72.5            | 0.0                   | 41                    | 97                      | 16.1                     | 57.0                    | 123.6         | --                               |
| Mycogen Seeds  | 2J086        | 80   | 68.0            | 0.0                   | 42                    | 97                      | 16.5                     | 55.8                    | 112.2         | --                               |
| Mycogen Seeds  | 2P172        | 84   | 72.8            | 0.0                   | 37                    | 95                      | 16.1                     | 57.1                    | 120.4         | --                               |
| Mycogen Seeds  | 2R194        | 85   | 73.0            | 0.3                   | 42                    | 95                      | 17.5                     | 56.6                    | 111.8         | --                               |
| Seeds 2000     | 2821 RR/Bt   | 82   | 71.5            | 0.0                   | 42                    | 100                     | 16.7                     | 57.1                    | 122.9         | --                               |
| Pioneer        | 39D82        | 87   | 71.8            | 0.0                   | 39                    | 98                      | 17.1                     | 56.8                    | 129.1         | 120.3                            |
| Pioneer        | 39F28        | 89   | 72.5            | 0.7                   | 42                    | 98                      | 17.1                     | 57.5                    | 119.8         | --                               |
| Pioneer        | 39H85        | 82   | 70.8            | 2.0                   | 42                    | 101                     | 16.1                     | 57.2                    | 101.6         | --                               |
| Mallard        | 4222CBRR     | 84   | 72.0            | 2.3                   | 39                    | 96                      | 17.4                     | 56.4                    | 119.2         | --                               |
| Mallard        | 4429CBRR     | 90   | 76.3            | 3.3                   | 42                    | 104                     | 17.8                     | 55.5                    | 119.9         | --                               |
| Hyland Seeds   | HL 2222      | 79   | 68.5            | 0.7                   | 38                    | 89                      | 15.9                     | 56.5                    | 84.8          | --                               |
| Hyland Seeds   | HL 2288      | 85   | 70.5            | 1.3                   | 39                    | 98                      | 16.2                     | 55.7                    | 99.7          | --                               |
| Hyland Seeds   | HL B264      | 85   | 72.3            | 2.0                   | 40                    | 97                      | 15.8                     | 55.8                    | 99.5          | --                               |
| Hyland Seeds   | HL R228      | 85   | 69.8            | 0.3                   | 38                    | 96                      | 16.0                     | 57.0                    | 106.4         | --                               |
| Hyland Seeds   | HL 2368      | 90   | 75.8            | 1.3                   | 41                    | 101                     | 17.3                     | 55.8                    | 107.5         | --                               |
| Dairyland Seed | Stealth 6685 | 85   | 71.0            | 1.3                   | 38                    | 99                      | 16.0                     | 56.7                    | 99.0          | --                               |
| Dairyland Seed | Stealth 7191 | 91   | 76.0            | 2.0                   | 42                    | 96                      | 18.1                     | 55.1                    | 139.6         | --                               |
| PFS            | 28A80RR      | 80   | 70.5            | 0.0                   | 35                    | 90                      | 16.2                     | 57.6                    | 85.6          | --                               |
| PFS            | 76E85YGCB    | 85   | 72.8            | 1.3                   | 41                    | 98                      | 16.4                     | 56.2                    | 101.1         | --                               |
| Stauffer       | 2022 R       | 80   | 70.3            | 0.0                   | 38                    | 91                      | 15.8                     | 58.1                    | 89.1          | --                               |
| Stauffer       | 2053 BR      | 82   | 70.0            | 0.0                   | 38                    | 95                      | 16.1                     | 56.1                    | 116.2         | --                               |
| Stauffer       | 2101 R       | 84   | 71.3            | 1.3                   | 39                    | 94                      | 17.2                     | 56.0                    | 98.6          | --                               |
| Stauffer       | 2070 R       | 83   | 70.3            | 0.7                   | 41                    | 98                      | 16.6                     | 56.2                    | 108.5         | --                               |
| MEAN           |              |      | 71.3            | 0.5                   | 39.5                  | 96.5                    | 16.6                     | 56.8                    | 110.1         | --                               |
| C.V.%          |              |      | 1.5             | 226                   | 6.7                   | 4.0                     | 4.3                      | 2.0                     | 12.3          | --                               |
| LSD.05         |              |      | 1.4             | NS                    | 3.7                   | 5.4                     | 1.0                      | 1.6                     | 15.7          | --                               |

**Planting Date = May 16 ; Harvest Date = October 18 ; Previous Crop = Flax**

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**Corn - Dryland** **Carrington (Page 2 of 3)**

| Brand        | Hybrid               | R.M. | Days to<br>Silk | Plant<br>Lodge<br>0-9 | Ear<br>Height<br>inch | Plant<br>Height<br>inch | Harvest<br>Moisture<br>% | Test<br>Weight<br>lb/bu | - Grain Yield |                                  |
|--------------|----------------------|------|-----------------|-----------------------|-----------------------|-------------------------|--------------------------|-------------------------|---------------|----------------------------------|
|              |                      |      |                 |                       |                       |                         |                          |                         | 2005          | 3-yr.<br>Avg.<br>-----bu/ac ---- |
| Stauffer     | 2051 R               | 82   | 68.5            | 1.0                   | 38                    | 93                      | 16.2                     | 55.5                    | 96.3          | --                               |
| NuTech Seed  | NT-3883 RR           | 83   | 69.8            | 0.0                   | 38                    | 98                      | 16.0                     | 56.3                    | 99.4          | --                               |
| NuTech Seed  | NT-5883 RR/YGCB      | 83   | 70.3            | 0.0                   | 40                    | 100                     | 17.3                     | 56.6                    | 119.6         | --                               |
| NuTech Seed  | NT-5383 RR/YGCB      | 84   | 72.5            | 1.0                   | 42                    | 98                      | 16.8                     | 56.9                    | 116.3         | --                               |
| NuTech Seed  | NT-3885 RR           | 85   | 70.5            | 0.0                   | 41                    | 99                      | 16.6                     | 57.0                    | 105.9         | --                               |
| NuTech Seed  | NT-1888 LL/BT        | 88   | 74.0            | 0.0                   | 40                    | 91                      | 17.5                     | 57.2                    | 136.6         | --                               |
| NuTech Seed  | NT-3088 RR           | 88   | 75.3            | 0.0                   | 41                    | 103                     | 16.7                     | 53.3                    | 115.8         | --                               |
| NuTech Seed  | NT-5889 RR/YGCB      | 89   | 75.5            | 0.3                   | 41                    | 101                     | 18.0                     | 55.2                    | 124.4         | --                               |
| NuTech Seed  | NT-1990 LL/BT        | 90   | 72.0            | 0.0                   | 40                    | 101                     | 16.6                     | 56.8                    | 138.2         | --                               |
| NuTech Seed  | NAT-5191+ RR/YGCB    | 91   | 75.8            | 1.0                   | 40                    | 105                     | 18.0                     | 56.7                    | 148.6         | 120.3                            |
| Wensman      | W6077RR              | 79   | 68.8            | 0.3                   | 38                    | 92                      | 16.5                     | 57.0                    | 87.4          | --                               |
| Wensman      | W6080RR              | 80   | 68.8            | 0.7                   | 40                    | 94                      | 16.5                     | 55.7                    | 92.1          | --                               |
| Wensman      | W6082BtRR            | 82   | 68.8            | 0.0                   | 39                    | 92                      | 16.1                     | 56.6                    | 122.9         | --                               |
| Wensman      | W6083RR              | 83   | 69.3            | 0.0                   | 40                    | 98                      | 16.6                     | 56.3                    | 94.8          | --                               |
| NK Brand     | N16-N7               | 81   | 68.5            | 0.0                   | 39                    | 90                      | 16.2                     | 58.2                    | 123.1         | 106.8                            |
| NK Brand     | N16-M1               | 82   | 68.3            | 0.0                   | 41                    | 97                      | 15.8                     | 57.0                    | 112.7         | --                               |
| NK Brand     | N03-D8               | 68   | 68.0            | 0.0                   | 37                    | 89                      | 15.9                     | 58.2                    | 81.8          | --                               |
| Gold Country | 83-02R               | 83   | 70.3            | 0.3                   | 40                    | 99                      | 16.5                     | 55.9                    | 102.6         | 94.1                             |
| Gold Country | 83-01CBR             | 83   | 70.0            | 0.0                   | 38                    | 98                      | 16.6                     | 56.7                    | 133.5         | --                               |
| Gold Country | 78-03                | 78   | 67.5            | 0.7                   | 42                    | 101                     | 16.2                     | 57.8                    | 102.9         | --                               |
| Dekalb       | DKC 33-11 (RR2/YGCB) | 83   | 70.5            | 0.3                   | 42                    | 97                      | 15.5                     | 57.7                    | 113.7         | --                               |
| Dekalb       | DKC35-02 (RR2/YGCB)  | 85   | 68.8            | 0.0                   | 42                    | 92                      | 16.5                     | 57.3                    | 109.0         | --                               |
| Dekalb       | DKC 35-51 (RR2/YGCB) | 85   | 69.3            | 0.0                   | 38                    | 97                      | 16.0                     | 56.7                    | 120.7         | 114.8                            |
| Dekalb       | DKC 37-14 (RR2)      | 87   | 71.0            | 0.0                   | 40                    | 101                     | 16.9                     | 57.5                    | 100.4         | --                               |
| HyTest       | HT84 Bt/RR2 Ex       | 84   | 72.3            | 0.3                   | 41                    | 92                      | 17.0                     | 57.5                    | 123.5         | --                               |
| HyTest       | HT7183 Bt/RR2        | 81   | 68.3            | 0.7                   | 41                    | 102                     | 15.9                     | 57.8                    | 98.1          | --                               |
| HyTest       | HT7185 RR2           | 83   | 72.5            | 0.0                   | 39                    | 95                      | 16.8                     | 56.6                    | 119.4         | --                               |
| HyTest       | HT87 RR2             | 86   | 69.0            | 0.0                   | 40                    | 101                     | 16.1                     | 57.6                    | 113.3         | --                               |
| Dahlco       | 2146 RR              | 80   | 68.5            | 2.0                   | 39                    | 101                     | 16.1                     | 58.2                    | 88.2          | --                               |
| Dahlco       | 2288 RR              | 85   | 76.0            | 0.0                   | 42                    | 102                     | 16.8                     | 57.0                    | 131.4         | --                               |
| Integra      | 6680 RR              | 80   | 69.8            | 0.0                   | 41                    | 93                      | 15.7                     | 57.3                    | 101.5         | --                               |
| Integra      | 6584 RR              | 84   | 72.8            | 1.7                   | 39                    | 98                      | 16.8                     | 57.2                    | 100.5         | --                               |
| Integra      | 6385 RR              | 85   | 72.0            | 0.0                   | 38                    | 96                      | 16.1                     | 57.1                    | 125.0         | 105.5                            |
| Integra      | 6688 RR              | 88   | 75.5            | 0.3                   | 41                    | 102                     | 16.6                     | 57.5                    | 109.6         | --                               |
| Integra      | 6683 RR              | 83   | 73.0            | 0.0                   | 42                    | 100                     | 16.8                     | 56.4                    | 121.1         | --                               |
| MEAN         |                      |      | 71.3            | 0.5                   | 39.5                  | 96.5                    | 16.6                     | 56.8                    | 110.1         | --                               |
| C.V.%        |                      |      | 1.5             | 226                   | 6.7                   | 4.0                     | 4.3                      | 2.0                     | 12.3          | --                               |
| LSD.05       |                      |      | 1.4             | NS                    | 3.7                   | 5.4                     | 1.0                      | 1.6                     | 15.7          | --                               |

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**Carrington (Page 3 of 3)**

| Brand             | Hybrid     | R.M. | Days to<br>Silk | Plant<br>Lodge<br>0-9 | Ear<br>Height<br>inch | Plant<br>Height<br>inch | Harvest<br>Moisture<br>% | Test<br>Weight<br>lb/bu | - Grain Yield |                                  |
|-------------------|------------|------|-----------------|-----------------------|-----------------------|-------------------------|--------------------------|-------------------------|---------------|----------------------------------|
|                   |            |      |                 |                       |                       |                         |                          |                         | 2005          | 3-yr.<br>Avg.<br>-----bu/ac ---- |
| Integra           | 63F90 RR   | 90   | 75.0            | 1.0                   | 40                    | 104                     | 17.7                     | 56.3                    | 128.3         | --                               |
| Wolf River Valley | 2482 RR    | 82   | 70.0            | 1.0                   | 36                    | 97                      | 16.2                     | 56.6                    | 97.2          | --                               |
| Wolf River Valley | 2490 RR/Bt | 90   | 75.3            | 0.7                   | 41                    | 98                      | 18.5                     | 56.1                    | 141.2         | --                               |
| Legend            | LR 9579RR  | 79   | 70.8            | 0.0                   | 39                    | 93                      | 16.4                     | 57.9                    | 85.8          | --                               |
| Legend            | LR 9680RR  | 80   | 71.5            | 0.0                   | 38                    | 97                      | 16.8                     | 57.7                    | 90.4          | --                               |
| Legend            | LR 9282RB  | 82   | 72.3            | 0.0                   | 42                    | 92                      | 17.1                     | 56.9                    | 120.7         | 105.1                            |
| Legend            | LR 9584RR  | 84   | 69.5            | 0.0                   | 39                    | 94                      | 17.1                     | 56.9                    | 94.9          | --                               |
| MEAN              |            |      | 71.3            | 0.5                   | 39.5                  | 96.5                    | 16.6                     | 56.8                    | 110.1         | --                               |
| C.V.%             |            |      | 1.5             | 226                   | 6.7                   | 4.0                     | 4.3                      | 2.0                     | 12.3          | --                               |
| LSD.05            |            |      | 1.4             | NS                    | 3.7                   | 5.4                     | 1.0                      | 1.6                     | 15.7          | --                               |

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