

**NDSU Carrington Research Extension Center  
2024 Variety Trial Data**

**Corn Silage - Dryland** **Carrington (Page 1 of 2)**

| Brand          | Hybrid     | RM  | Traits         | Days<br>to Silk<br>DAP | Ear<br>Height<br>inches | Plant<br>Height<br>inches | Harvest<br>Moisture<br>% | DM %<br>% | ----- Yield ----- |               |               |
|----------------|------------|-----|----------------|------------------------|-------------------------|---------------------------|--------------------------|-----------|-------------------|---------------|---------------|
|                |            |     |                |                        |                         |                           |                          |           | 2024*             | 2-yr.<br>Avg. | 3-yr.<br>Avg. |
|                |            |     |                |                        |                         |                           |                          |           | ----- ton/a ----- |               |               |
| Croplan        | 3200       | 93  | RR             | 79                     | 53                      | 127                       | 52.7                     | 47.3      | 26.1              | 26.3          | 25.0          |
| Croplan        | 4100       | 101 | VT2P RIB       | 84                     | 47                      | 115                       | 51.9                     | 48.1      | 24.7              | 24.8          | 22.7          |
| Croplan        | 4200       | 102 | RR             | 85                     | 47                      | 123                       | 58.5                     | 41.5      | 26.0              | 26.2          | --            |
| Golden Harvest | G01U74-AA  | 101 | Agrisure Above | 78                     | 46                      | 109                       | 57.8                     | 42.2      | 23.2              | --            | --            |
| Golden Harvest | G03U08-D   | 103 | Duracade       | 77                     | 46                      | 108                       | 51.9                     | 48.1      | 25.8              | --            | --            |
| Proseed        | Lfy 101 RR | 101 | RR             | 86                     | 45                      | 118                       | 55.5                     | 44.5      | 27.3              | 27.8          | 25.9          |
| Integra Seed   | STP4723    | 94  | RR2            | 80                     | 47                      | 123                       | 45.4                     | 54.6      | 24.6              | 23.3          | --            |
| Integra Seed   | STP5191    | 101 | RR2            | 86                     | 47                      | 120                       | 55.0                     | 45.0      | 26.5              | 27.8          | 25.7          |
| Integra Seed   | STP5203    | 102 | GSS RIB        | 80                     | 45                      | 120                       | 49.0                     | 51.0      | 29.2              | --            | --            |
| Proseed        | STS 102    | 102 | GT             | 81                     | 43                      | 112                       | 54.4                     | 45.6      | 24.6              | --            | --            |
| Proseed        | STS 104    | 104 | GT             | 80                     | 49                      | 117                       | 50.9                     | 49.1      | 26.0              | --            | --            |
| Proseed        | STS 106    | 106 | GT/CB/LL       | 86                     | 54                      | 119                       | 60.5                     | 39.5      | 27.2              | 25.7          | 23.7          |
| Trial Mean     |            |     |                | 81                     | 48                      | 117                       | 53.2                     | 46.8      | 25.6              | --            | --            |
| C.V. (%)       |            |     |                | 3                      | 7                       | 3                         | 7.2                      | 8.2       | 5.8               | --            | --            |
| LSD (0.10)     |            |     |                | 3                      | 4                       | 5                         | 5.3                      | 5.3       | 1.7               | --            | --            |

**Planting Date = May 21; Harvest Date = October 17; Previous Crop = Field Pea/Soybean**

\*Best Linear Unbiased Estimate

Some lines are not included. Statistics reflect the entire trial.

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**Corn Silage - Dryland**

**Carrington (Page 2 of 2)**

----- 55 days after ensiling -----

| Brand            | Hybrid     | pH  | Crude Protein | ADF  | aNDF | Starch | EE   | Ca   | P   | Mg   | K    | TDN (OARDC) | NEg     | RFV   |
|------------------|------------|-----|---------------|------|------|--------|------|------|-----|------|------|-------------|---------|-------|
|                  |            |     |               |      |      |        |      |      |     |      |      |             | (OARDC) |       |
| ----- % DM ----- |            |     |               |      |      |        |      |      |     |      |      |             |         |       |
| Croplan          | 3200       | 4.2 | 8.0           | 28.9 | 46.9 | 26.8   | 2.2  | 0.2  | 0.2 | 0.1  | 1.3  | 68.0        | 69.7    | 138.4 |
| Croplan          | 4100       | 4.2 | 8.1           | 27.5 | 45.1 | 26.0   | 2.3  | 0.2  | 0.2 | 0.2  | 1.3  | 69.0        | 71.2    | 140.9 |
| Croplan          | 4200       | 4.3 | 8.3           | 24.2 | 39.7 | 33.7   | 2.5  | 0.2  | 0.2 | 0.2  | 1.3  | 71.8        | 75.1    | 166.6 |
| Golden Harvest   | G01U74-AA  | 4.2 | 8.4           | 25.7 | 42.3 | 28.3   | 2.8  | 0.3  | 0.2 | 0.2  | 1.3  | 70.6        | 73.5    | 151.4 |
| Golden Harvest   | G03U08-D   | 4.1 | 8.1           | 24.7 | 40.5 | 30.7   | 2.4  | 0.2  | 0.2 | 0.2  | 1.2  | 71.6        | 74.8    | 161.4 |
| Proseed          | Lfy 101 RR | 4.1 | 7.7           | 21.8 | 36.7 | 36.4   | 2.9  | 0.2  | 0.2 | 0.1  | 1.1  | 74.1        | 78.1    | 182.9 |
| Integra Seed     | STP4723    | 4.2 | 8.3           | 27.7 | 45.6 | 24.1   | 2.5  | 0.2  | 0.2 | 0.2  | 1.3  | 68.9        | 71.2    | 138.9 |
| Integra Seed     | STP5191    | 4.0 | 7.7           | 22.4 | 37.7 | 35.1   | 3.0  | 0.2  | 0.2 | 0.2  | 1.0  | 73.5        | 77.2    | 181.1 |
| Integra Seed     | STP5203    | 4.1 | 8.0           | 25.7 | 42.2 | 31.2   | 2.8  | 0.2  | 0.2 | 0.2  | 1.2  | 71.2        | 74.2    | 155.5 |
| Proseed          | STS 102    | 4.1 | 7.6           | 25.5 | 42.6 | 27.6   | 2.5  | 0.2  | 0.2 | 0.2  | 1.2  | 71.3        | 74.2    | 151.0 |
| Proseed          | STS 104    | 4.1 | 7.6           | 24.1 | 40.9 | 30.5   | 2.5  | 0.2  | 0.2 | 0.2  | 1.1  | 72.1        | 75.3    | 165.3 |
| Proseed          | STS 106    | 4.2 | 7.6           | 26.1 | 42.7 | 30.9   | 2.4  | 0.2  | 0.2 | 0.1  | 1.2  | 70.8        | 73.5    | 151.5 |
| Trial Mean       |            | 4.2 | 8.0           | 25.2 | 41.7 | 30.1   | 2.6  | 0.2  | 0.2 | 0.2  | 1.2  | 71.1        | 74.1    | 158.0 |
| C.V. (%)         |            | 2.4 | 5.9           | 13.9 | 12.9 | 19.4   | 12.2 | 11.6 | 8.6 | 13.0 | 10.7 | 3.7         | 5.0     | 17.0  |
| LSD (0.10)       |            | 0.1 | 0.7           | 4.9  | 7.5  | 8.1    | 0.4  | NS   | NS  | NS   | 0.2  | 3.7         | 5.2     | 37.5  |

**Planting Date = May 21; Harvest Date = October 17; Previous Crop = Field Pea/Soybean**

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