

# Table 20. Northern Zone Silage Trial.

(Coleman= COL, Marshfield= MAR Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

| Brand                                | Hybrid        | Traits†     | 2022        |              |               |             |             |           |           |            |            |             |            | 2021        |              |               |            |             |            |            |  |
|--------------------------------------|---------------|-------------|-------------|--------------|---------------|-------------|-------------|-----------|-----------|------------|------------|-------------|------------|-------------|--------------|---------------|------------|-------------|------------|------------|--|
|                                      |               |             | Average     |              |               |             | Yield (T/A) |           |           |            | Average    |             |            | Yield (T/A) |              |               |            |             |            |            |  |
|                                      |               |             | Yield (T/A) | Milk per Ton | Milk per Acre | Moist %     | NDF %       | NDFD %    | Starch %  | COL        | MAR        | SPI         | SPS        | Yield (T/A) | Milk per Ton | Milk per Acre | COL        | MAR         | SPI        | SPS        |  |
| NK Brand                             | NK8760-3220   | CB,LL,RR    | 7.3         | * 3420       | 25000         | 61.6        | 35          | 65        | 34        | 6.9        | 7.3        | 8.2         | 6.9        |             |              |               |            |             |            |            |  |
| Jung                                 | 40DP401       | CB,RR       | 8.7         | * 3310       | 28900         | 62.5        | 36          | 64        | 33        | 7.8        | 9.0        | 10.3        | 7.8        | 9.5         | * 3230       | 30700         | 9.7        | 10.5        | * 8.9      | 8.9        |  |
| Legacy Seeds                         | LC391-20 VT2P | CB,RR       | 8.7         | * 3310       | 28800         | 63.0        | 35          | 65        | 32        | * 8.0      | 8.7        | 10.2        | 8.0        | * 9.6       | 3190         | * 30800       | 9.2        | 10.7        | * 9.1      | * 9.5      |  |
| Federal Hybrids                      | 4225 RR       | RR          | 9.1         | * 3360       | * 30700       | 63.5        | 37          | 66        | 32        | * 8.8      | * 9.4      | 9.8         | * 8.4      |             |              |               |            |             |            |            |  |
| NK Brand                             | NK9231-3120   | CB,LL,RR    | * 9.3       | 3270         | * 30400       | 64.0        | 36          | 64        | 31        | * 8.6      | * 10.1     | 10.2        | 8.2        |             |              |               |            |             |            |            |  |
| Viking                               | 42-92         | None        | 8.8         | 3300         | * 29100       | 64.1        | 37          | 65        | 31        | * 8.5      | 8.4        | 9.8         | * 8.7      | 9.3         | * 3210       | 29800         | * 10.3     | 10.4        | * 8.7      | 7.6        |  |
| <b>90-DAY HYBRID TRIAL AVERAGE##</b> |               |             | <b>64.3</b> |              |               |             |             |           |           |            |            |             |            |             |              |               |            |             |            |            |  |
| DenBesten                            | DB31-90       | None        | 7.1         | 3240         | 23100         | 64.3        | 37          | 63        | 30        | 7.1        | 6.7        | 7.7         | 6.8        |             |              |               |            |             |            |            |  |
| Dairyland                            | DS-3162Q      | CB,LL,RR,RW | 9.0         | 3220         | * 29100       | 64.4        | 36          | 64        | 30        | * 8.4      | 9.0        | 10.3        | * 8.3      | * 9.6       | * 3270       | * 31200       | * 10.7     | 11.0        | * 8.6      | 8.0        |  |
| Dairyland                            | HiDF-3044Q    | CB,LL,RR,RW | 8.7         | * 3360       | * 29100       | 64.6        | 35          | 66        | 32        | 7.8        | * 9.3      | 9.1         | * 8.4      | 9.3         | * 3250       | 30300         | 9.5        | 10.7        | * 8.7      | 8.5        |  |
| Legacy Seeds                         | LC403-22 3120 | CB,LL,RR    | * 9.4       | 3300         | * 31200       | 64.6        | 36          | 65        | 31        | * 8.8      | * 10.4     | * 10.7      | 7.9        |             |              |               |            |             |            |            |  |
| Renk                                 | RK433VT2P     | CB,RR       | 8.6         | 3270         | 28200         | 64.7        | 37          | 64        | 31        | * 8.2      | 8.3        | 9.9         | 8.2        | 9.2         | * 3200       | 29400         | * 10.0     | 9.7         | * 8.6      | 8.4        |  |
| Federal Hybrids                      | 4160 VT2P     | CB,RR       | 8.7         | * 3320       | 28800         | 64.7        | 36          | 66        | 31        | * 8.5      | 8.1        | 10.4        | 7.9        |             |              |               |            |             |            |            |  |
| NK Brand                             | NK9347-5122   | CB,LL,RR,RW | 8.5         | 3240         | 27600         | 64.9        | 36          | 66        | 30        | 7.7        | 8.9        | 9.4         | 8.0        |             |              |               |            |             |            |            |  |
| Dairyland                            | HiDF-3522Q    | CB,LL,RR,RW | 9.0         | * 3320       | * 30000       | 66.6        | 36          | 67        | 31        | * 8.1      | 9.1        | * 10.6      | * 8.3      | 9.4         | * 3260       | 30700         | 9.5        | 10.8        | * 9.0      | 8.3        |  |
| Project Seeds                        | PS19-93 3111  | CB,LL,RR,RW | * 9.3       | 3240         | * 30200       | 66.8        | 37          | 64        | 29        | * 8.0      | 9.1        | * 10.9      | * 9.3      |             |              |               |            |             |            |            |  |
| Jung                                 | 44SS413       | CB,LL,RR,RW | 8.4         | 3190         | 26600         | 66.8        | 36          | 67        | 29        | 7.7        | 8.4        | 9.5         | 7.8        |             |              |               |            |             |            |            |  |
| Renk                                 | RK429-3220A   | CB,LL,RR-wo | 8.9         | 3240         | 28800         | 66.9        | 36          | 64        | 30        | * 8.7      | 8.8        | 9.5         | * 8.6      |             |              |               |            |             |            |            |  |
| Dairyland                            | HiDF-3855Q    | CB,LL,RR,RW | * 9.8       | 3070         | * 30000       | 66.9        | 38          | 66        | 26        | * 8.7      | * 9.6      | * 11.6      | * 9.2      |             |              |               |            |             |            |            |  |
| <b>95-DAY HYBRID TRIAL AVERAGE##</b> |               |             | <b>67.3</b> |              |               |             |             |           |           |            |            |             |            |             |              |               |            |             |            |            |  |
| Jung                                 | 46SS428       | CB,LL,RR,RW | 9.0         | 3210         | 28900         | 67.4        | 36          | 67        | 29        | 7.9        | 8.9        | 10.1        | * 9.0      | * 9.6       | * 3210       | * 30800       | * 10.0     | 11.0        | * 9.1      | 8.4        |  |
| Jung                                 | 45SS423       | CB,LL,RR,RW | 9.2         | 3140         | 28800         | 67.4        | 38          | 65        | 28        | 7.5        | 9.1        | * 11.5      | * 8.6      |             |              |               |            |             |            |            |  |
| Viking                               | O.62-93UP     | None        | * 9.3       | 3200         | * 30000       | 67.5        | 36          | 65        | 29        | * 8.6      | * 10.1     | * 10.5      | 8.1        |             |              |               |            |             |            |            |  |
| Dairyland                            | HiDF-4073Q    | CB,LL,RR,RW | * 9.5       | 3190         | * 30300       | 67.5        | 36          | 68        | 29        | 7.9        | * 9.8      | * 11.2      | * 8.9      | * 10.2      | * 3250       | * 33200       | * 11.0     | * 11.9      | * 8.7      | * 9.2      |  |
| Dairyland                            | DS-3601Q      | CB,LL,RR,RW | 9.0         | 3210         | * 29000       | 68.4        | 37          | 67        | 29        | * 8.3      | 8.7        | * 10.5      | * 8.6      |             |              |               |            |             |            |            |  |
| Jung                                 | 46SS433       | CB,LL,RR,RW | 8.7         | 3100         | 26900         | 69.4        | 39          | 68        | 25        | 7.9        | 9.0        | 9.6         | * 8.3      |             |              |               |            |             |            |            |  |
| <b>MEAN</b>                          |               |             | <b>8.8</b>  | <b>3250</b>  | <b>28700</b>  | <b>65.5</b> | <b>36</b>   | <b>65</b> | <b>30</b> | <b>8.1</b> | <b>8.9</b> | <b>10.1</b> | <b>8.3</b> | <b>9.2</b>  | <b>3220</b>  | <b>29700</b>  | <b>9.6</b> | <b>10.3</b> | <b>8.5</b> | <b>8.4</b> |  |
| <b>LSD(0.10)**</b>                   |               |             | <b>0.5</b>  | <b>110</b>   | <b>2200</b>   | <b>1.5</b>  | <b>1</b>    | <b>1</b>  | <b>2</b>  | <b>0.8</b> | <b>1.2</b> | <b>1.2</b>  | <b>1.0</b> | <b>0.6</b>  | <b>110</b>   | <b>2400</b>   | <b>1.1</b> | <b>0.9</b>  | <b>1.0</b> | <b>0.9</b> |  |

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

## Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

\* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.