

### Table 13. Southern Zone - Early Maturity Silage Trial.

109 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (ARLINGTON = ARL, LANCASTER = LAN)

| Brand                                 | Hybrid             | Events or Genes† | 2010        |          |         |       |         |      |        |             | 2009        |          |        |             |        |       |
|---------------------------------------|--------------------|------------------|-------------|----------|---------|-------|---------|------|--------|-------------|-------------|----------|--------|-------------|--------|-------|
|                                       |                    |                  | Average     |          |         |       | Average |      |        |             | Average     |          |        | Yield (T/A) |        |       |
|                                       |                    |                  | Yield (T/A) | Milk per |         | Moist | NDF     | NDFD | Starch | Yield (T/A) | Yield (T/A) | Milk per |        | Yield (T/A) |        |       |
|                                       | Ton                | Acre             | %           | %        | %       | %     | ARL     | LAN  | Ton    | Acre        | ARL         | LAN      |        |             |        |       |
| AgriGold                              | A6323GT3           | KRDS             | * 9.9       | * 3050   | * 30200 | 62.9  | 44      | 51   | 34     | * 10.7      | * 9.0       |          |        |             |        |       |
| Great Lakes                           | 5417               |                  | * 9.1       | * 3010   | * 27600 | 63.1  | 46      | 52   | 32     | * 9.5       | * 8.7       |          |        |             |        |       |
| Legend Seed                           | LR9000-3000GT      | KRDS             | * 9.5       | * 3070   | * 28800 | 63.3  | 45      | 54   | 34     | * 9.9       | * 9.1       |          |        |             |        |       |
| FS Seed                               | 56SV3              | GQJ              | 7.7         | * 3070   | 23900   | 63.3  | 45      | 53   | 34     | 8.0         | 7.4         | 9.3      | 2920   | 27600       | 10.4   | 8.1   |
| Renk                                  | RK744VT3           | GQJ              | 8.4         | * 3000   | 24500   | 64.6  | 46      | 52   | 32     | 7.5         | * 9.2       |          |        |             |        |       |
| Great Lakes                           | 5306G3VT3          | GQJ              | * 9.4       | * 3020   | * 28500 | 64.7  | 45      | 52   | 33     | * 10.0      | * 8.8       |          |        |             |        |       |
| Prairie Hybrids                       | 5200               |                  | * 10.0      | * 2940   | * 30100 | 64.7  | 48      | 53   | 30     | * 10.3      | * 9.8       |          |        |             |        |       |
| Legend Seeds                          | LR9703VT3          | GQJ              | * 9.0       | * 2980   | * 26000 | 65.2  | 46      | 51   | 32     | 9.4         | * 8.6       |          |        |             |        |       |
| NK Brand                              | N53W-3000 GT Brand | KRDS             | * 9.4       | * 3010   | * 28300 | 65.3  | 45      | 51   | 34     | * 9.5       | * 9.2       |          |        |             |        |       |
| Garst                                 | 85V88-3000GT Brand | KRDS             | * 9.6       | * 2960   | * 28800 | 65.8  | 47      | 52   | 32     | * 9.7       | * 9.5       |          |        |             |        |       |
| Cornelius                             | C595YG             | G                | 8.8         | * 2970   | * 25900 | 66.3  | 47      | 52   | 32     | 9.0         | * 8.5       | 9.8      | * 3030 | * 29500     | 10.3   | * 9.4 |
| Partners In Production                | 5808               |                  | 8.2         | * 3050   | 24600   | 66.4  | 45      | 53   | 33     | 9.1         | 7.4         | * 9.9    | * 2980 | * 30000     | * 11.1 | 8.7   |
| OBrien                                | OB1058S            |                  | 8.0         | 2810     | 22600   | 66.5  | 50      | 51   | 28     | 9.0         | 7.0         | 9.8      | * 2970 | * 29500     | * 11.0 | 8.7   |
| <b>105-DAY HYBRID TRIAL AVERAGE##</b> |                    |                  |             |          |         | 66.6  |         |      |        |             |             |          |        |             |        |       |
| Pioneer                               | 35F44              | LPDJ             | * 9.0       | * 3030   | * 27400 | 66.8  | 46      | 53   | 33     | 8.6         | * 9.5       | 8.3      | * 2970 | 24500       | 8.8    | 7.8   |
| Prairie Hybrids                       | 3074               |                  | 8.0         | 2850     | 23400   | 66.9  | 50      | 52   | 27     | 8.6         | 7.5         |          |        |             |        |       |
| Munson                                | 6744VT3            | GQJ              | 8.3         | * 3050   | * 25900 | 66.9  | 45      | 52   | 34     | 8.3         | 8.4         |          |        |             |        |       |
| Unity Seeds                           | 7607-3000GT        | KRDS             | 8.8         | * 3020   | * 26700 | 67.1  | 45      | 52   | 34     | * 9.7       | 7.9         |          |        |             |        |       |
| Croplan Genetics                      | 591VT3             | GQJ              | * 9.7       | * 2990   | * 29100 | 67.2  | 47      | 54   | 30     | * 10.5      | * 8.9       | 9.3      | 2880   | 26500       | 10.7   | 7.9   |
| Cornelius                             | C536SS             | LYPQDJ           | * 9.4       | * 2980   | * 28100 | 67.4  | 48      | 54   | 29     | 9.3         | * 9.5       |          |        |             |        |       |
| <b>110-DAY HYBRID TRIAL AVERAGE##</b> |                    |                  |             |          |         | 67.4  |         |      |        |             |             |          |        |             |        |       |
| Prairie Hybrids                       | 4760               |                  | * 9.4       | 2830     | * 26600 | 67.4  | 50      | 51   | 29     | 9.3         | * 9.4       |          |        |             |        |       |
| Prairie Hybrids                       | 4368               |                  | 8.3         | * 2960   | 25000   | 67.6  | 47      | 53   | 32     | 8.3         | 8.2         |          |        |             |        |       |
| Munson                                | LFS6253RR          | MJ               | * 9.0       | 2750     | 24800   | 68.3  | 51      | 50   | 26     | * 9.9       | 8.1         |          |        |             |        |       |
| Legend Seed                           | LR9105RRHXT        | LPDJ             | * 9.4       | * 2900   | * 26800 | 68.5  | 48      | 52   | 31     | * 9.5       | * 9.3       |          |        |             |        |       |
| Pioneer                               | P0461XR            | LPDJ             | 8.1         | 2840     | 23200   | 68.5  | 51      | 53   | 27     | 8.1         | 8.1         |          |        |             |        |       |
| LG Seeds                              | LG254VT3           | GQJ              | 8.3         | * 2970   | 25000   | 68.8  | 48      | 53   | 29     | 7.8         | * 8.8       |          |        |             |        |       |
| Renk                                  | RK764SSTX          | LYPQDJ           | 8.6         | 2880     | 24700   | 69.2  | 50      | 52   | 28     | 8.5         | * 8.7       |          |        |             |        |       |
| Cornelius                             | C454XTLL           | LPDJ             | * 9.2       | 2790     | * 26200 | 70.2  | 52      | 53   | 26     | 9.0         | * 9.4       | * 9.9    | 2780   | 27800       | * 11.2 | 8.6   |
| Dairyland                             | EX10801            | LPD              | 8.8         | 2770     | 24300   | 70.6  | 51      | 51   | 26     | 8.8         | * 8.8       |          |        |             |        |       |
| Dairyland                             | HiDF3105Q          | LPDJ             | 8.9         | 2820     | 25400   | 71.9  | 51      | 53   | 27     | * 9.8       | 8.1         | * 10.5   | 2770   | * 28800     | * 11.2 | * 9.7 |
| MEAN                                  |                    |                  | 8.9         | 2940     | 26300   | 66.7  | 48      | 52   | 31     | 9.2         | 8.7         | 9.7      | 2890   | 28200       | 10.6   | 8.8   |
| LSD(0.10)**                           |                    |                  | 1.1         | 170      | 4500    | 3.3   | 3       | 2    | 3      | 1.2         | 1.3         | 0.7      | 120    | 2700        | 0.8    | 1.0   |

† Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L,Y=Bt-ECB(Bt176, Mon810, Bt11, TC1507, Mon89034); H,S,J=RR(MonGA21, SYTGA21,Nk603); M=Leafy; N,P,Q,R=Bt-CRW(Mon863, DAS591227, Mon88017, MIR604); X=Unknown.

## 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.