

**Table 20. Southern Zone - Conventional Grain Trial.**

(ARLINGTON = ARL, JANESVILLE = JAN, LANCASTER = LAN)

| Brand                                 | Hybrid  | 2010            |           |             |             |            |              | 2009         |           |              |              |           |              |              |              |
|---------------------------------------|---------|-----------------|-----------|-------------|-------------|------------|--------------|--------------|-----------|--------------|--------------|-----------|--------------|--------------|--------------|
|                                       |         | Average         |           |             | Average     |            |              | Average      |           |              | Average      |           |              |              |              |
|                                       |         | Yield<br>(bu/A) | P.I.<br># | Moist<br>%  | Test<br>Wt. | Lodge<br>% | Yield (bu/A) | Yield (bu/A) | P.I.<br># | Yield (bu/A) | Yield (bu/A) | P.I.<br># | Yield (bu/A) | Yield (bu/A) | Yield (bu/A) |
| Great Lakes                           | 5450    | * 228           | * 102     | 17.8        | 57          | 2          | * 243        | * 237        | * 204     |              |              |           |              |              |              |
| Cornelius                             | C462    | * 221           | * 100     | 17.9        | 56          | 2          | * 254        | 206          | * 204     | 245          | * 101        | * 273     | 244          | 218          |              |
| Kussmaul                              | K903    | * 225           | * 101     | 18.2        | 57          | 2          | * 248        | 218          | * 208     |              |              |           |              |              |              |
| OBrien                                | OB1031  | * 226           | * 101     | 18.2        | 57          | 5          | 228          | * 253        | 196       |              |              |           |              |              |              |
| Pioneer                               | 35F38   | 219             | * 100     | 18.4        | 58          | 1          | 228          | * 233        | 195       |              |              |           |              |              |              |
| <b>105-DAY HYBRID TRIAL AVERAGE##</b> |         |                 |           | <b>18.6</b> |             |            |              |              |           |              |              |           |              |              |              |
| OBrien                                | OBX1061 | 209             | 97        | 18.7        | 57          | 2          | * 251        | 188          | 188       |              |              |           |              |              |              |
| Cornelius                             | C591    | * 229           | * 101     | 18.9        | 58          | 5          | * 254        | * 241        | 193       | * 263        | * 104        | * 271     | * 262        | * 255        |              |
| Cornelius                             | C510    | * 226           | * 101     | 19.2        | 57          | 3          | * 240        | 231          | * 206     |              |              |           |              |              |              |
| <b>110-DAY HYBRID TRIAL AVERAGE##</b> |         |                 |           | <b>20.1</b> |             |            |              |              |           |              |              |           |              |              |              |
| Partners In Production                | 5808    | 212             | 97        | 20.3        | 57          | 2          | 225          | * 241        | 169       | * 256        | * 103        | * 256     | * 273        | * 238        |              |
| Kussmaul                              | K908    | * 237           | * 103     | 20.4        | 55          | 1          | * 256        | 228          | * 227     |              |              |           |              |              |              |
| Foundation Direct                     | 8475    | * 222           | * 99      | 20.6        | 54          | 0          | * 240        | * 238        | 187       |              |              |           |              |              |              |
| Kussmaul                              | K810    | 216             | 98        | 20.8        | 54          | 1          | 228          | * 242        | 179       | * 261        | * 103        | * 271     | * 273        | * 239        |              |
| MEAN                                  |         | 222             | 100       | 19.1        | 56          | 2          | 241          | 230          | 196       | 243          | 100          | 252       | 253          | 225          |              |
| LSD(0.10)**                           |         | 17              | 4         | 1.0         | 1           | 3          | 25           | 20           | 23        | 12           | 3            | 19        | 20           | 28           |              |

## Average grain 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.