

# Sinton

## 2019 Corn

### Performance Trial

| Brand        | Hybrid   | GE Trait(s)              | Days to 50%<br>Silk | Plant Height<br>(in) | Ear Height<br>(in) | Plants per<br>Acre | Moisture<br>% | Test Weight<br>(lb/bu) | Yield<br>(bu/acre) |
|--------------|----------|--------------------------|---------------------|----------------------|--------------------|--------------------|---------------|------------------------|--------------------|
| Integra      | CX801115 | Genuity DG VT Double PRO | N/A                 | 86                   | 30                 | 25,160             | 13.6          | 55.7                   | 163                |
| LG Seeds     | 64C30    | Genuity Trecepta         | N/A                 | 85                   | 33                 | 26,286             | 14.5          | 57.2                   | 162                |
| Dyna-Gro     | D57VC51  | Genuity VT Double PRO    | N/A                 | 86                   | 32                 | 24,559             | 15.4          | 56.2                   | 160                |
| REV          | 25LPR89  | Leptra                   | N/A                 | 88                   | 32                 | 24,634             | 13.1          | 56.9                   | 160                |
| Progeny      | PGY6119  | Genuity VT Double PRO    | N/A                 | 84                   | 31                 | 26,211             | 16.2          | 58.1                   | 159                |
| REV          | 26BHR30  | Optimum Intrasect        | N/A                 | 90                   | 33                 | 25,635             | 15.5          | 58.4                   | 158                |
| Dyna-Gro     | D58SS65  | Genuity SmartStax        | N/A                 | 82                   | 29                 | 25,986             | 15.5          | 58.1                   | 156                |
| Dyna-Gro     | D54VC14  | Genuity VT Double PRO    | N/A                 | 83                   | 28                 | 25,685             | 14.6          | 57.5                   | 156                |
| B-H Genetics | 8721     | N/A                      | N/A                 | 85                   | 32                 | 25,460             | 15.5          | 57.7                   | 156                |
| Progeny      | EXP1918  | Genuity VT Double PRO    | N/A                 | 84                   | 29                 | 26,737             | 15.6          | 56.8                   | 156                |
| LG Seeds     | 67C45    | SmartStax                | N/A                 | 84                   | 33                 | 24,709             | 16.1          | 57.9                   | 155                |
| Integra      | 6410     | SmartStax                | N/A                 | 82                   | 29                 | 25,335             | 13.8          | 58.0                   | 155                |
| Integra      | 6720     | Genuity DG VT Double PRO | N/A                 | 81                   | 32                 | 25,836             | 16.8          | 58.1                   | 155                |
| Progeny      | PGY9117  | Genuity VT Double PRO    | N/A                 | 85                   | 32                 | 25,235             | 15.2          | 57.8                   | 153                |
| Progeny      | PGY9114  | Genuity VT Double PRO    | N/A                 | 83                   | 27                 | 25,735             | 14.6          | 57.0                   | 153                |
| Integra      | 6695     | Genuity Trecepta         | N/A                 | 84                   | 33                 | 26,361             | 14.9          | 57.1                   | 153                |
| LG Seeds     | 68C88    | Genuity VT Double PRO    | N/A                 | 85                   | 32                 | 25,635             | 15.7          | 57.3                   | 151                |
| Integra      | 6533     | Genuity VT Double PRO    | N/A                 | 85                   | 31                 | 25,535             | 15.5          | 57.3                   | 150                |
| Integra      | 6588     | Genuity VT Double PRO    | N/A                 | 85                   | 34                 | 25,385             | 16.6          | 57.3                   | 149                |
| REV          | 24LPR70  | Leptra                   | N/A                 | 78                   | 30                 | 26,512             | 13.1          | 56.6                   | 148                |
| Dyna-Gro     | D56VC46  | Genuity VT Double PRO    | N/A                 | 88                   | 32                 | 25,685             | 17.6          | 56.3                   | 148                |

\*Yields highlighted in yellow are not significantly different (L.S.D.,  $p=0.05$ ) from the top ranked hybrid.



TEXAS A&M UNIVERSITY  
Soil & Crop Sciences

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|----------|---------|-----------------------|---------------------|----------------------|--------------------|--------------------|---------------|------------------------|--------------------|
| Dyna-Gro | D57VC17 | Genuity VT Double PRO | N/A                 | 85                   | 32                 | 27,037             | 17.1          | 58.3                   | 147                |
| Pioneer  | P1395R  | RR2                   | N/A                 | 84                   | 31                 | 25,385             | 14.1          | 58.1                   | 145                |
| Progeny  | PGY8116 | SmartStax             | N/A                 | 86                   | 35                 | 26,036             | 17.2          | 58.9                   | 144                |
| Progeny  | EXP1915 | SmartStax             | N/A                 | 82                   | 30                 | 26,587             | 16.3          | 59.5                   | 143                |
| Progeny  | EXP1913 | Genuity VT Double PRO | N/A                 | 84                   | 34                 | 25,460             | 14.7          | 56.5                   | 141                |

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|------------------------------|-----------|--|---------------------|----------------------|--------------------|--------------------|---------------|------------------------|--------------------|
| <b>Agronomic information</b> |           |  |                     |                      |                    |                    |               |                        |                    |
| Plant Date                   | 3/14/2019 | Mean   |                     | 84                   | 31                 | 25,724             | 15.3          | 57.5                   | 153                |
| Harvest Date                 | 7/18/2019 | C.V. %   |                     | 2.5                  | 8.5                | 4.7                | 5.0           | 1.6                    | 5.8                |
| Irrigated                    | No        | P>f (hybrid)   |                     | 0.000                | 0.006              | 0.491              | 0.000         | 0.000                  | 0.067              |
| Row Spacing (in)             | 30        | L.S.D.   |                     | 3.0                  | 3.7                |                    | 1.2           | 1.4                    |                    |
| Number of Rows               | 2         | <b>Trial Notes</b>   |                     |                      |                    |                    |               |                        |                    |
| Seeds per Acre               | 26,000    | <p>Cooperator Ring Brothers</p> <p>Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p &lt; 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from January 1 through the harvest date. For additional information contact:<br/>Dr. Ronnie Schnell / Katrina Horn<br/>ronschnell@tamu.edu / khorn@tamu.edu<br/>979-845-2935 / 979-845-8505</p> |                     |                      |                    |                    |               |                        |                    |
| N (lb/ac)                    |           |  |                     |                      |                    |                    |               |                        |                    |
| P2O5 (lb/ac)                 |           |  |                     |                      |                    |                    |               |                        |                    |
| K2O (lb/ac)                  |           |  |                     |                      |                    |                    |               |                        |                    |
| Precipitation (in)           | 11.81     |  |                     |                      |                    |                    |               |                        |                    |
| Irrigation (in)              |           | Soil Type  | Clay                |                      |                    |                    |               |                        |                    |
| Herbicide                    |           | Tillage  |                     |                      |                    |                    |               |                        |                    |
|                              |           | Previous Crop  |                     |                      |                    |                    |               |                        |                    |

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