Monte Alto (Full)
2019 Grain Sorghum Performance Trial

<table>
<thead>
<tr>
<th>Brand</th>
<th>Hybrid</th>
<th>Days to 50% Flower</th>
<th>Plant Height (in)</th>
<th>Head Ex (in)</th>
<th>Lodging (%)</th>
<th>Moisture (%)</th>
<th>Test Weight (lbs/bu)</th>
<th>Yield * (lbs/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>73</td>
<td>54</td>
<td>6</td>
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<td>14.5</td>
<td>55.3</td>
<td>2,157</td>
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<td>3.6</td>
<td>23.4</td>
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<td>6.2</td>
<td>4.0</td>
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<td>1.5</td>
<td>2.8</td>
<td></td>
<td>1.5</td>
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</tbody>
</table>

### Agronomic information

- **Plant Date**: 2/27/2019
- **Harvest Date**: 7/11/2019
- **Irrigated**: Yes
- **Row Spacing (in)**: 30
- **Number of Rows**: 2
- **Seeds per Acre**: 80,000
- **N (lb/ac)**: 130
- **P2O5 (lb/ac)**: 55
- **K2O (lb/ac)**: 0
- **Precipitation (in)**: 18.18
- **Irrigation (in)**: 12
- **Herbicide**: 1.6 pt/ac Dual & 1.5 lb/ac Atrazine applied pre-emerge

### Trial Notes

*A single weather event with 60+ mph winds and 10"+ of rain on June 23 contributed to severe lodging and high variability within the test. Hybrid yield data will not be published.*

### Cooperator: Texas AgriScience

Four replications of each hybrid are planted in a randomized block design. Model: yield = hybrid + blk. SAS 9.4 was used for statistical analysis. LSD provided when hybrid significant at p < 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.

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979-845-2935 / 979-845-8505

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