

# Hondo

## 2025 Grain Sorghum Performance Trial

| Brand      | Hybrid      | Days to<br>50% Flower | Plant<br>Height (in) | Head Ex<br>(in) | Lodging<br>(%) | Moisture<br>(%) | Test Weight<br>(lbs/bu) | Yield *<br>(lbs/acre) |     |
|------------|-------------|-----------------------|----------------------|-----------------|----------------|-----------------|-------------------------|-----------------------|-----|
| Pioneer    | 84P94       | 79                    | 47                   | 1               | 0              | 10.4            | 56.4                    | 7,254                 | a   |
| DEKALB     | DKS 36-07   | 75                    | 48                   | 2               | 0              | 10.1            | 56.1                    | 6,858                 | ab  |
| Pioneer    | 83P38       | 80                    | 47                   | 3               | 0              | 10.2            | 54.6                    | 6,592                 | bc  |
| Dyna-Gro   | M70GR37     | 78                    | 49                   | 2               | 0              | 11.6            | 58.1                    | 6,540                 | bc  |
| DEKALB     | DKS 49-76   | 79                    | 47                   | 3               | 0              | 11.0            | 56.9                    | 6,452                 | bcd |
| Dyna-Gro   | M66GR32     | 78                    | 50                   | 2               | 0              | 11.5            | 57.2                    | 6,258                 | cde |
| DEKALB     | DKS 44-07   | 78                    | 48                   | 1               | 0              | 10.1            | 56.2                    | 6,245                 | cde |
| Alta Seeds | ADVG 1125IG | 74                    | 45                   | 3               | 0              | 8.6             | 53.9                    | 6,245                 | cde |
| Dyna-Gro   | M62GB36     | 79                    | 46                   | 3               | 0              | 10.7            | 56.1                    | 5,994                 | def |
| Dyna-Gro   | M67GB87     | 79                    | 49                   | 2               | 0              | 9.7             | 53.9                    | 5,977                 | ef  |
| DEKALB     | DKS 43-76   | 78                    | 48                   | 2               | 0              | 10.8            | 57.2                    | 5,912                 | ef  |
| Alta Seeds | ADVG 3127   | 79                    | 49                   | 3               | 0              | 11.2            | 56.1                    | 5,847                 | ef  |
| DEKALB     | DKS 40-76   | 79                    | 50                   | 3               | 0              | 9.9             | 54.7                    | 5,674                 | f   |
| Alta Seeds | ADVG 2165   | 79                    | 47                   | 2               | 0              | 10.0            | 53.8                    | 5,182                 | g   |
| DEKALB     | DKS 45-60   | 79                    | 52                   | 4               | 0              | 12.1            | 58.2                    | 5,156                 | g   |

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

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| Brand                        | Hybrid       | Days to<br>50% Flower                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Plant<br>Height (in) | Head Ex<br>(in)        | Lodging<br>(%) | Moisture<br>(%) | Test Weight<br>(lbs/bu) | Yield *<br>(lbs/acre) |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
|------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|----------------|-----------------|-------------------------|-----------------------|--------------------|--|------------------------|--|-----------|--|-------------|----|----|-----|--------------|--|----------|----|------------------------|-----|-------------|--|----------|-----|-----------|--------|-----------|--|----------|-----|-----------|-----|------------|--|--|--|-----------|----|
| <b>Agronomic information</b> |              | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 78                   | 48                     | 2              | 0.0             | 55.9                    | 6,146                 |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Plant Date                   | 3/5/2025     | C.V. %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.2                  | 4.5                    | 40.5           | 9.3             | 2.0                     | 5.4                   |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Harvest Date                 | 7/18/2025    | P>f (hybrid)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.000                | 0.016                  |                | 0.002           | 0.000                   | 0.000                 |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Irrigated                    | Yes          | <b>Trial Notes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Row Spacing (in)             | 36           | <p><b>Cooperator:</b> Nelson Reus</p> <p>Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 was used for statistical analysis. LSD provided when hybrid significant at p &lt; 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a Zurn 160 plot combine fitted with a Harvest Master H3 GrainGage System. Precipitation data was recorded from planting date through the harvest date using MeteoStat in Python 3.11. For additional information contact:</p> <p>Dr. Ronnie Schnell / Katrina Horn<br/>ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu<br/>979-321-5939 / 979-845-8505</p> |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Number of Rows               | 2            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Target Seeds per Acre        | 45,000       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Precipitation (in)           | 13.26        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Irrigation (in)              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Herbicide                    |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Soil Type                    | Knippa clay  | <table border="1"> <thead> <tr> <th colspan="2">Fertilizer Applied</th> <th colspan="2">Soil Analysis Report**</th> </tr> </thead> <tbody> <tr> <td>N (lb/ac)</td> <td></td> <td>NO3-N (ppm)</td> <td>48</td> <td>pH</td> <td>7.9</td> </tr> <tr> <td>P2O5 (lb/ac)</td> <td></td> <td>P (ppm)*</td> <td>39</td> <td>Conductivity (umho/cm)</td> <td>481</td> </tr> <tr> <td>K2O (lb/ac)</td> <td></td> <td>K (ppm)*</td> <td>834</td> <td>Ca (ppm)*</td> <td>13,306</td> </tr> <tr> <td>S (lb/ac)</td> <td></td> <td>S (ppm)*</td> <td>211</td> <td>Mg (ppm)*</td> <td>258</td> </tr> <tr> <td>Zn (lb/ac)</td> <td></td> <td></td> <td></td> <td>Na (ppm)*</td> <td>13</td> </tr> </tbody> </table>                                                                                                                                                                                            |                      |                        |                |                 |                         |                       | Fertilizer Applied |  | Soil Analysis Report** |  | N (lb/ac) |  | NO3-N (ppm) | 48 | pH | 7.9 | P2O5 (lb/ac) |  | P (ppm)* | 39 | Conductivity (umho/cm) | 481 | K2O (lb/ac) |  | K (ppm)* | 834 | Ca (ppm)* | 13,306 | S (lb/ac) |  | S (ppm)* | 211 | Mg (ppm)* | 258 | Zn (lb/ac) |  |  |  | Na (ppm)* | 13 |
| Fertilizer Applied           |              | Soil Analysis Report**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| N (lb/ac)                    |              | NO3-N (ppm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48                   | pH                     | 7.9            |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| P2O5 (lb/ac)                 |              | P (ppm)*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 39                   | Conductivity (umho/cm) | 481            |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| K2O (lb/ac)                  |              | K (ppm)*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 834                  | Ca (ppm)*              | 13,306         |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| S (lb/ac)                    |              | S (ppm)*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 211                  | Mg (ppm)*              | 258            |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Zn (lb/ac)                   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | Na (ppm)*              | 13             |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Tillage                      | Conventional |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |
| Previous Crop                | Corn         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                |                 |                         |                       |                    |  |                        |  |           |  |             |    |    |     |              |  |          |    |                        |     |             |  |          |     |           |        |           |  |          |     |           |     |            |  |  |  |           |    |

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

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## 2025 Grain Sorghum Performance Trial

| Brand      | Hybrid      | Plant<br>Population<br>per Acre | Heads<br>per Acre | Plant Stand<br>% | Mean<br>Tiller # per<br>Plant | Lodging<br>(%) | Head Size<br>lb/head | Weathering<br>Rating (0-9) | Iron<br>Chlorosis<br>Rating |
|------------|-------------|---------------------------------|-------------------|------------------|-------------------------------|----------------|----------------------|----------------------------|-----------------------------|
| Pioneer    | 83P38       | 37,389                          | 48,824            | 83               | 0.31                          | 0              | 0.14                 | 3.8                        |                             |
| Pioneer    | 84P94       | 41,019                          | 59,351            | 91               | 0.46                          | 0              | 0.12                 | 2.5                        |                             |
| Dyna-Gro   | M62GB36     | 39,386                          | 42,290            | 88               | 0.07                          | 0              | 0.14                 | 4.5                        |                             |
| Dyna-Gro   | M66GR32     | 40,293                          | 48,642            | 90               | 0.21                          | 0              | 0.13                 | 1.3                        |                             |
| Dyna-Gro   | M67GB87     | 33,759                          | 44,649            | 75               | 0.33                          | 0              | 0.13                 | 2.3                        |                             |
| Dyna-Gro   | M70GR37     | 37,571                          | 44,468            | 83               | 0.19                          | 0              | 0.15                 | 2.5                        |                             |
| DEKALB     | DKS 36-07   | 43,016                          | 47,916            | 96               | 0.11                          | 0              | 0.14                 | 4.8                        |                             |
| DEKALB     | DKS 40-76   |                                 | 41,201            | 94               | 0.05                          | 0              | 0.14                 | 5.5                        |                             |
| DEKALB     | DKS 43-76   | 38,115                          | 40,475            | 85               | 0.06                          | 0              | 0.15                 | 2.5                        |                             |
| DEKALB     | DKS 44-07   | 43,016                          | 49,550            | 96               | 0.16                          | 0              | 0.13                 | 3.8                        |                             |
| DEKALB     | DKS 45-60   | 39,749                          | 45,738            | 88               | 0.15                          | 0              | 0.11                 | 3.5                        |                             |
| DEKALB     | DKS 49-76   | 40,112                          | 42,290            | 89               | 0.05                          | 0              | 0.15                 | 2.0                        |                             |
| Alta Seeds | ADVG 1125IG | 41,745                          | 43,560            | 93               | 0.12                          | 0              | 0.14                 | 6.3                        |                             |
| Alta Seeds | ADVG 2165   |                                 | 37,934            | 87               |                               | 0              | 0.14                 | 6.3                        |                             |
| Alta Seeds | ADVG 3127   | 38,478                          | 40,838            | 86               | 0.09                          | 0              | 0.14                 | 2.5                        |                             |



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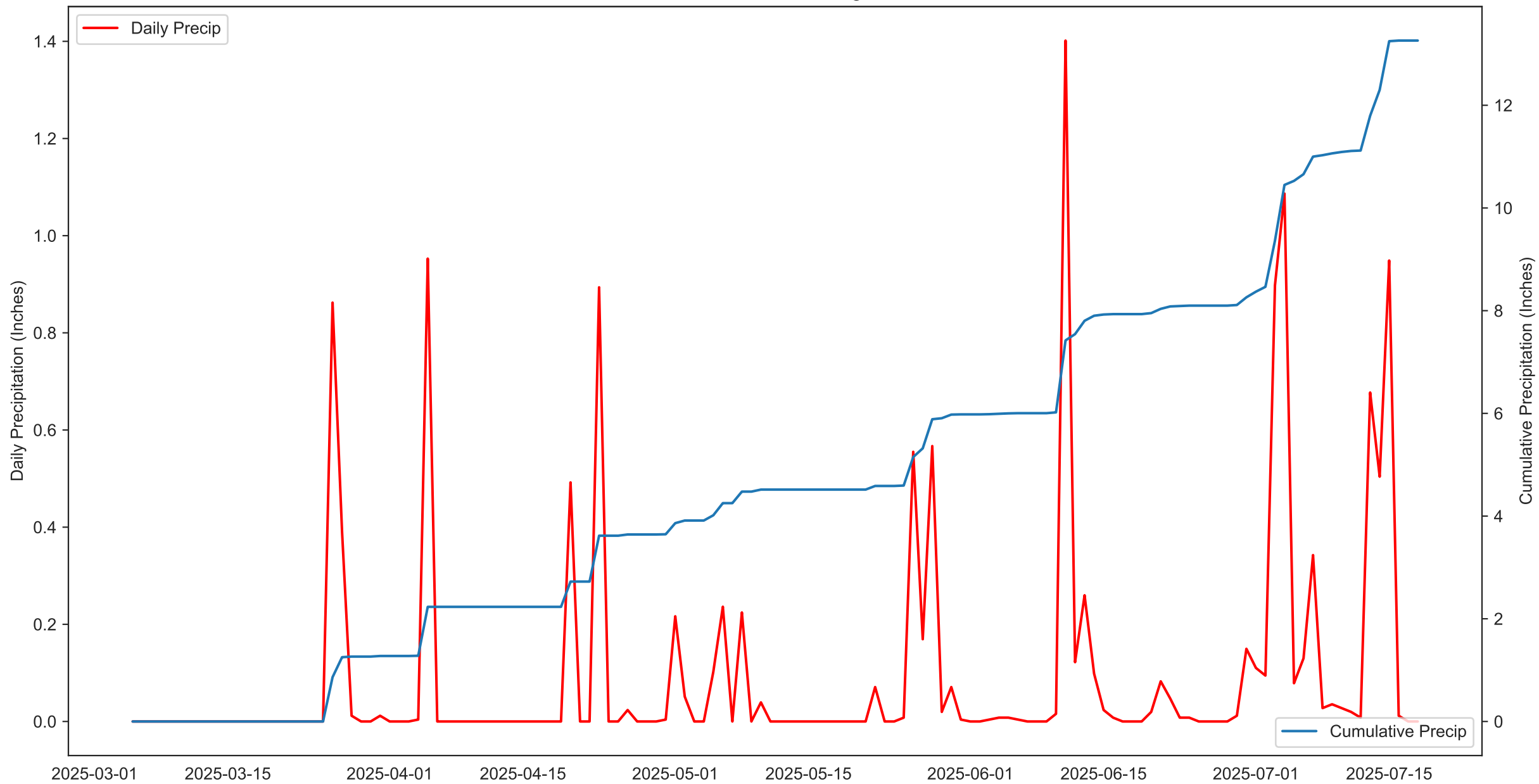
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## 2025 Grain Sorghum Performance Trial



| Brand                 | Hybrid       | Plant Population per Acre | Heads per Acre | Plant Stand % | Mean Tiller # per Plant | Lodging (%)            | Head Size lb/head | Weathering Rating (0-9) | Iron Chlorosis Rating |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|--------------|---------------------------|----------------|---------------|-------------------------|------------------------|-------------------|-------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agronomic information |              | Mean                      | 39,664         | 45,181        | 88                      | 0.17                   | 0                 | 0.14                    | 3.6                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Plant Date            | 3/5/2025     | <div>Trial Notes</div>    |                |               |                         |                        |                   |                         |                       | <div>Cooperator: Nelson Reus</div> <p>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 <math>p &lt; 0.05</math>. 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 Zurn 160 plot combine fitted with a Harvest Master H3 GrainGage System. Precipitation data was recorded from planting date through the harvest date. For additional information contact:</p> <p>Dr. Ronnie Schnell / Katrina Horn<br/>ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu<br/>979-321-5939 / 979-845-8505</p> |
| Harvest Date          | 7/18/2025    |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Irrigated             | Yes          |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Row Spacing (in)      | 36           |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Rows        | 2            |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Target Seeds per Acre | 45,000       |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Precipitation (in)    | 13.26        |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Irrigation (in)       |              |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Herbicide             |              |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Soil Type             | Knippa clay  |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tillage               | Conventional |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Previous Crop         | Corn         |                           |                |               |                         |                        |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | Fertilizer Applied        |                |               |                         | Soil Analysis Report** |                   |                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | N (lb/ac)                 |                | NO3-N (ppm)   | 48                      | pH                     |                   | 7.9                     |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | P2O5 (lb/ac)              |                | P (ppm)*      | 39                      | Conductivity (umho/cm) |                   | 481                     |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | K2O (lb/ac)               |                | K (ppm)*      | 834                     | Ca (ppm)*              |                   | 13,306                  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | S (lb/ac)                 |                | S (ppm)*      | 211                     | Mg (ppm)*              |                   | 258                     |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |              | Zn (lb/ac)                |                |               |                         | Na (ppm)*              |                   | 13                      |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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