

Grain Sorghum Performance at the Central Research Station - Baton Rouge

Location Summary

Grain yields were excellent, ranging from 5,919 lb/a for Dyna-Gro DG778B to 9,297 lb/a for Pioneer brand 82G10 (Table 2). Nineteen of 26 hybrids had yields greater than 8,000 lb/a. The trial average was 8,170 lb/a. There were three hybrids in 2008 and one hybrid for 2007 and 2008 that were considered highest yielding hybrids (bolded in table). Even though June rainfall was relatively low (see below), high May rainfall probably helped maintain adequate soil moisture during critical growth stages on this Mississippi River alluvial soil. Test weights averaged only 53.2 lb/bu, ranging from 47.7 lb/bu for Terral TV9421 to 59.0 lb/bu for Dyna-Gro DGGX08170 (Table 2).

Soil Type.....Commerce sandy loam
 Row Spacing.....30 inches
 Seeding Rate.....5 seed/ft
 Fertilization.....100/15/15 (5/14)
 Herbicides.....Pre: Trizmet @ 2 qt/a
 Insecticides.....Karate Z @ 1 oz/a (7/1/08)
 Previous Crop.....Soybean
 Planting Date.....April 24
 Harvest Date.....August 21

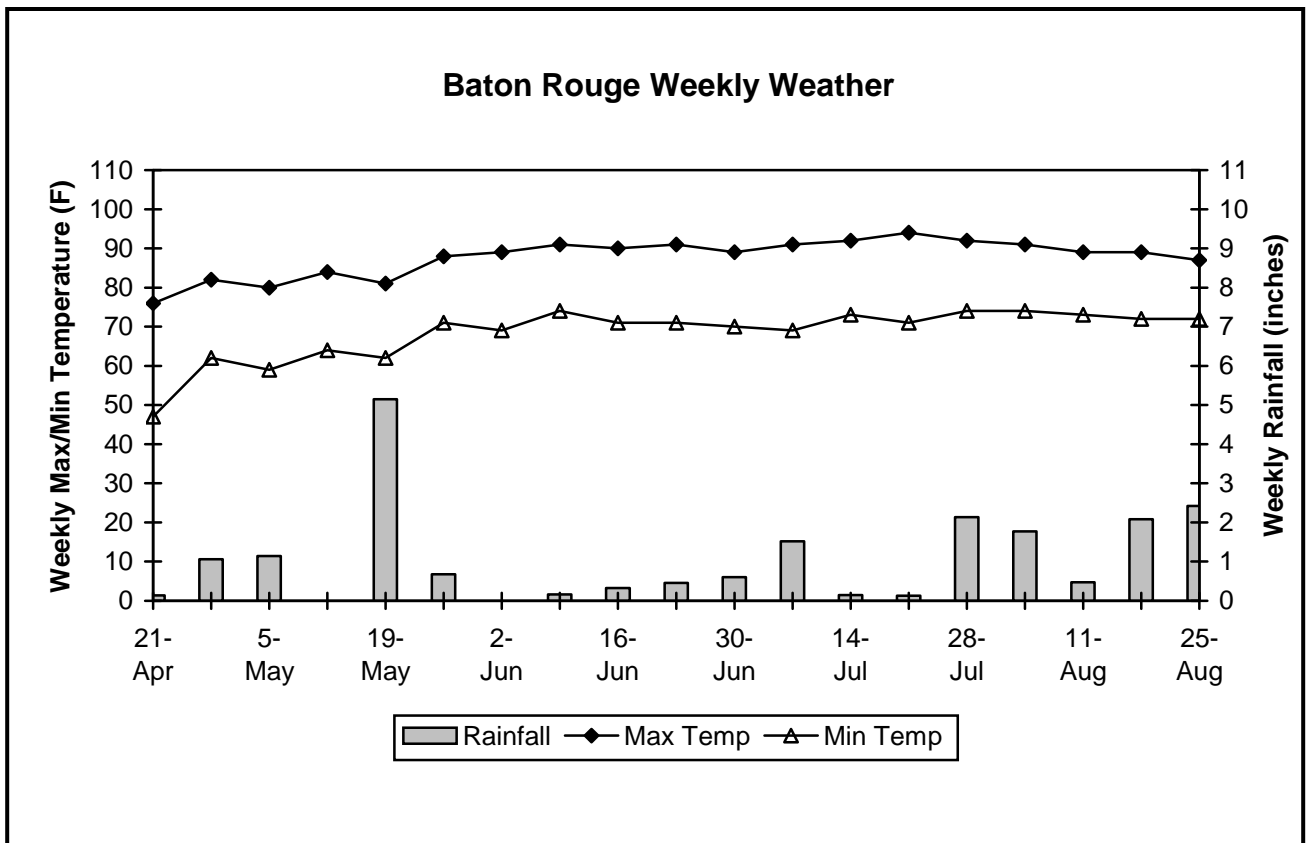


Table 2. Grain sorghum hybrid performance trial at Baton Rouge, 2008.

| Brand/hybrid | 2008 Yield ¹ | 2-Yr avg ² | Grain moist ³ | Test wt | Plant ht |
|----------------------------|----------------------------|--------------------------|-----------------------------|------------|-------------|
| | -----lb/a----- | | % | lb/bu | inches |
| Pioneer brand 82G10 | 9,297 | - | 13.4 | 56.3 | 61 |
| Dyna-Gro DGGX08170 | 9,083 | - | 14.8 | 59.0 | 59 |
| Dyna-Gro DG751B | 8,836 | 7,771* | 12.9 | 53.9 | 61 |
| Dekalb DKS53-67 | 8,731 | 7,878 | 14.7 | 57.8 | 59 |
| Terral TV94S91 | 8,617 | - | 13.4 | 54.5 | 56 |
| Pioneer brand 84G62 | 8,499 | 7,581 | 13.8 | 56.9 | 58 |
| Golden Acres 3552 | 8,443 | - | 13.7 | 54.9 | 55 |
| Dyna-Gro DG780B | 8,430 | 7,509 | 13.5 | 56.4 | 62 |
| Terral TV96H81 | 8,407 | 7,506 | 13.3 | 54.1 | 60 |
| Pioneer brand 83G66 | 8,397 | - | 14.1 | 56.0 | 60 |
| Terral TV1050 | 8,392 | 7,384 | 11.3 | 49.4 | 59 |
| NC+ 7R83 | 8,301 | 7,202 | 13.1 | 50.0 | 59 |
| Terral TV93S72 | 8,273 | 7,192 | 12.1 | 49.9 | 51 |
| Garst 5464 | 8,224 | - | 12.9 | 53.1 | 60 |
| NC+ 8R18 | 8,213 | 7,303 | 13.4 | 52.3 | 63 |
| Dekalb DKS54-00 | 8,176 | 7,565 | 13.6 | 52.6 | 60 |
| Terral TV96H91 | 8,147 | 7,177 | 14.0 | 57.1 | 56 |
| Terral TV9421 | 8,108 | 7,347 | 11.7 | 47.7 | 57 |
| Dyna-Gro DGGX07664 | 8,062 | - | 11.7 | 50.8 | 49 |
| Dyna-Gro DG758B | 7,990 | 7,190 | 13.9 | 53.2 | 55 |
| Garst 5515 | 7,861 | - | 12.8 | 52.8 | 54 |
| Asgrow A571 | 7,655 | 6,944 | 12.8 | 49.9 | 57 |
| Dekalb DKS54-03 | 7,633 | - | 12.7 | 51.0 | 60 |
| Dyna-Gro DGGX07163 | 7,406 | - | 13.1 | 50.8 | 57 |
| Golden Acres 3696 | 7,317 | - | 13.0 | 50.4 | 56 |
| Dyna-Gro DG778B | 5,919 | - | 14.2 | 54.7 | 67 |
| Average | 8,170 | - | 13.2 | 53.2 | 57.9 |
| CV, % | 5 | - | 4 | 1 | 2 |
| LSD (0.10) | 491 | - | 0.7 | 0.8 | 2 |

¹Hybrids in bold are the highest yielding for this location in 2008.

²Hybrids in bold with an asterisk (*) are the highest yielding in both 2007 and 2008.

³Grain was dried overnight to a relatively constant moisture before taking grain moisture, test weight, and plot grain weight.