KS585
Medium Maturity Hybrid Grain Sorghum

KEY POSITIONING / BENEFITS
• Excellent early growth in cooler soils
• Consistent high yields
• Widely adaptable: great plains -- midwest -- south Texas
• Excellent companion to NK5418
• Good standability and uniformity
• Very susceptible to methyl parathion and growth regulating herbicides

POSITIONING / MANAGEMENT
KS585 is a high yielding medium maturing grain hybrid. KS585 provides good yield stability over a wide range of conditions with favorable to more limited moisture. KS585 is well adapted for sorghum growing areas in the High Plains. This hybrid has better early growth in cooler soils than most grain sorghums. KS585 is medium height with good standability and excellent field uniformity. Good drought tolerance in the vegetative growth stage helps KS585 withstand stress better and provide more consistent performance. Very susceptible to Methyl Parathion and growth regulating herbicides.

RELATIVE MATURITY (RM)
Relative Maturity ....................... Medium
Avg. Days to 50% Bloom .................. 65-69

AGRONOMIC TRAITS
Yield for Maturity.......................... 1
Yield Stability.............................. 2
Standability .................................... 3
Drought Tolerance ......................... 3
Threshability .................................. 3
Avg. Seed Size/lb. (x1000) .................. 12.0
Emergence ..................................... 1

DESCRIPTIVE CHARACTERISTICS
Relative Height ......................... Medium
Head Exsertion .......................... 5-7”
Head Type ................................ Semi-Open
Harvest Grain Color ...................... Bronze
Endosperm .................................. Hetero-Yellow
Seed Color ................................ Red

DISEASE RESISTANCE
MDMV Tolerance ....................... 4
Downy Mildew:
Pathotype 1 .................. Resistant
Pathotype 3 .................. Susceptible
Pathotype 6 .................. Susceptible
Head Smut ......................... 5
Anthracnose ......................... 9

INSECT RESISTANCE
Greenbug:
Biotype C .................. Resistant
Biotype I .................. Susceptible
Biotype E .................. Resistant
Sugarcane Aphid ..................... Susceptible

PLANTING RATE GUIDE / ACRE

<table>
<thead>
<tr>
<th>Seeds (x1000)/Acre</th>
<th>Stress</th>
<th>Favorable</th>
<th>Irrigated</th>
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<tbody>
<tr>
<td>30-60</td>
<td>3-5</td>
<td>5-8</td>
<td>8-12</td>
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<td>60-100</td>
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<td>100-150</td>
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Footnotes: 1 - Numerical Rating: 1 to 9 (1 = Excellent, 5 = Average, 9 = Poor)
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