Maximize Yield Potential
Feed Your Soybeans—Not the Weeds

Soybean Weed Management
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Syngenta Crop Protection

Soybean Weed Management
Weeds Compete for: Nutrients - Water - Space
2008 Trials: Planting Early (4-26) = 89.9 bu vs Pre Herbicide (Boundary) = 74.8 bu
Quadris Fungicide (net +15 bushels)

Weeds Produce up to 40 Times the BioMass of Crops
Water and Nutrients Are Consumed to Build BioMass

How Many Velvetleaf?
153 Velvetleaf per sq yd
740,520 per acre

Plant Dry Matter

<table>
<thead>
<tr>
<th>Plant (@5&quot;)</th>
<th>Pop</th>
<th>lbs/Ac</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>32,000</td>
<td>75.9#</td>
</tr>
<tr>
<td>Soybeans</td>
<td>150,000</td>
<td>659#</td>
</tr>
<tr>
<td>Grass (3&quot;)</td>
<td>1.96 mil</td>
<td>2710#</td>
</tr>
<tr>
<td>Kochia</td>
<td>740,520</td>
<td>2556#</td>
</tr>
<tr>
<td>Waterhemp</td>
<td>740,520</td>
<td>3640#</td>
</tr>
<tr>
<td>Velvetleaf</td>
<td>740,520</td>
<td>2710#</td>
</tr>
</tbody>
</table>

Avg Corn/Weed Ratio: 1:38
Soybean/Weed Ratio: 1:5

Soybean Soil Moisture Sensors

Day 1 on graph begins June 17, 2008. Soil Moisture measured at 6" soil depth.
Syngenta Learning Center, York, NE. Touchdown Total 22 oz applied June 11th.