



Hybrid Grain Sorghum

2009-2010

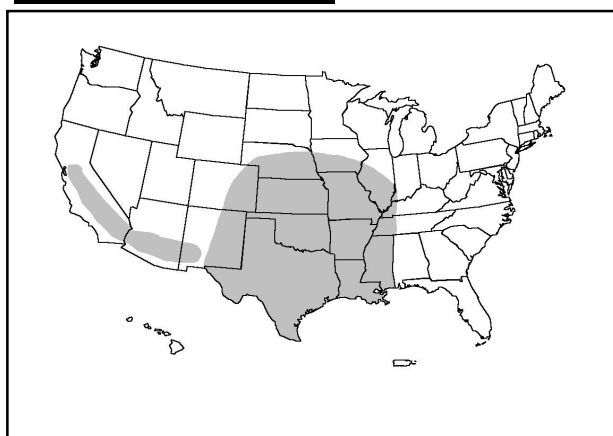
### Key Positioning / Benefits

- √ Excellent Early Growth in Cooler Soils
- √ Consistent High Yields
- √ Widely Adaptable - Great Plains to the Midwest to South Texas
- √ Excellent Companion to NK5418
- √ Good Standability & Uniformity
- √ Easy Harvesting, Good Threshability
- √ Very Susceptible to Methyl Parathion and Growth Regulating Herbicides

### Relative Maturity (RM)

Relative Maturity	Medium
Avg. Days to 50% Bloom	65-69
Avg. Days Compared to:	K35-Y5 +6
	NK7633 -6

### Area of Adaptation



### Planting Rate Guide / Acre

	Environments		
	Stress	Favorable	Irrigated
Seeds (X1000)/Acre	30-60	60-100	100-150
Lbs./Acre	3-5	5-8	8-12

### Positioning / Management

KS585 is a high yielding medium maturing grain hybrid supported by a strong agronomic package. 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 in 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. Above average head exertion and good threshability, helps to maximize easier harvesting. **Very susceptible to Methyl Parathion and growth regulating herbicides.**

**Read All Bag Tags and Labels.** They contain important conditions of sale, including limitations of warranty and remedy.

## Agronomic Traits<sup>1</sup>

Yield for Maturity	1
Yield Stability	2
Standability	3
Drought Tolerance	3
Threshability	3
Avg. Seed Size/Lb. (X1000)	12
Emergence	1

## Descriptive Characteristics

Relative Height	Medium
Head Exsertion	5-7"
Head Type	Semi-Open
Harvest Grain Color	Bronze
Endosperm	Hetero-Yellow

## Disease Resistance<sup>2</sup>

MDMV Tolerance	4
Downy Mildew:	
Pathotype 1	Resistant
Pathotype 3	Susceptible
Head Smut	5

## Insect Resistance

Greenbug:	
Biotype C	Resistant
Biotype E	Resistant
Biotype I	Susceptible

## Competitive Reference

	<b>SORGHUM PARTNERS</b>	DEKALB Genetics	PIONEER Brand
		DK39Y	
<b>Earlier Maturing Products</b>	K35-Y5	DLS36-00	87G57
	NK4420	DKS36-06	86G08
		DKS35-70	86G32
		DKS37-07	85Y34
		DKS36-16	
			8500
			85G46
		DK40Y	85G03
<b>KS585</b>	NK5418	DKS44-20	85G01
	NK6638	DK52	85G85
		DKS44-41	84P74
			85Y40
			84G50
<b>Later Maturing Products</b>	SP6680		
	NK7633		
	NK7655	DKS53-11	84G77
	KS735		84G62
	NK7829		

## Footnotes

1 - Numerical Rating: 1 to 9 (1 = Excellent, 5 = Average, 9 = Poor )

2 - Disease Rating: 1 to 9 (1 = Highly Resistant, 4 & 5 = Moderate Resistance, 9 = Highly Susceptible)

Downy Mildew, Anthracnose: R = Resistant, S = Susceptible

3 - Insect Rating: R = Resistant, S = Susceptible

\* = Limited Information / Data

Ratings and descriptions are based on research and field observations compared with SORGHUM PARTNERS® Brand products from multiple locations and years.