



Hybrid Grain Sorghum

2009-2010

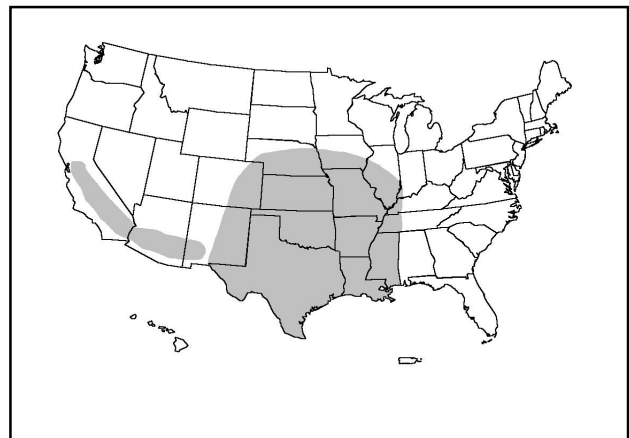
### Key Positioning / Benefits

- √ Good Yield Potential
- √ Shorter Plant Than KS585
- √ Bronze Grain Color
- √ Good Standability
- √ Good Uniformity
- √ Semi Open Uniform Heads
- √ Good Companion to KS585

### Relative Maturity (RM)

Relative Maturity	Medium
Avg. Days to 50% Bloom	65-69
Avg. Days Compared to:	K35-Y5 +6
	KS585 =

### Area of Adaptation



### Planting Rate Guide / Acre

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

### Positioning / Management

NK5418 is a high yielding medium maturity hybrid approximately 6" shorter than KS585. NK5418 has semi open heads, good emergence, and is resistant to greenbug biotypes C & E. Under good growing conditions NK5418 can increase its yield potential by producing numerous healthy tillers. NK5418 makes a great companion hybrid to KS585.

**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	2
Yield Stability	2
Standability	2
Drought Tolerance	3
Threshability	2
Avg. Seed Size/Lb. (X1000)	12.5
Emergence	2

## Descriptive Characteristics

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

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

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

## 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	DKS36-00	87G57
	NK4420	DKS36-06	86G08
		DKS35-70	86G32
		DKS37-07	85Y34
		DKS36-16	
			8500
			85G46
		DK40Y	85G03
<b>NK5418</b>	KS585	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.