



Hybrid Grain Sorghum

2009-2010

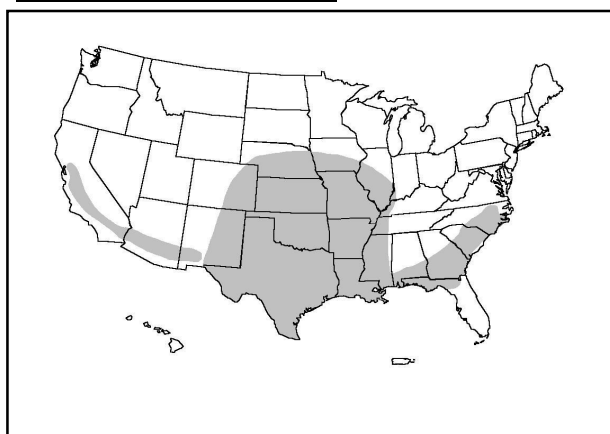
Key Positioning / Benefits

- √ Excellent Yielding Early Sorghum
- √ Excellent Emergence
- √ Good Choice for Shorter Growing Seasons
- √ Good for Doublecrop & Late Planting
- √ Good Threshability for Easier Harvest
- √ Good Drought Tolerance for Consistence Performance
- √ Very Susceptible to Methyl Parathion and Growth Regulating Herbicides

Relative Maturity (RM)

Relative Maturity	Early
Avg. Days to 50% Bloom	55-59
Avg. Days Compared to:	251 +5
	K35-Y5 -4

Area of Adaptation



Planting Rate Guide / Acre

	Environments		
	Stress	Favorable	Irrigated
Seeds (X1000)/Acre	30-60	60-100	100-150
Lbs./Acre	3-5	5-9	9-13

Positioning / Management

KS310 is well-suited where an early maturity is needed for shorter growing areas in the sorghum growing areas in the western High Plains. Also very good for doublecrop after wheat, late planting, and replant. KS310 has excellent emergence and plant health with good standability. In addition, very good drought tolerance through the vegetative and grainfill stages helps this hybrid provide more consistent performance. There is no delay in maturity at higher elevations and with cooler temperatures. KS310 has above average head exertion and good threshability allows easy harvest in southern sorghum areas. **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 Traits¹

Yield for Maturity	1
Yield Stability	2
Standability	3
Drought Tolerance	3
Threshability	3
Avg. Seed Size/Lb. (X1000)	11.5
Emergence	1

Descriptive Characteristics

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

Disease Resistance²

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

Competitive Reference

	SORGHUM PARTNERS	DEKALB Genetics	PIONEER Brand
Earlier Maturing Products	N/A	N/A	N/A
KS310	251 SP3303	DKS28-05 DK28E DKS29-28	88Y41
Later Maturing Products	K35-Y5 NK4420	DK39Y DKS36-00 DKS36-06 DKS35-70 DKS37-07 DKS36-16	87G57 86G08 86G32 85Y34

Insect Resistance

Greenbug:	
Biotype C	Resistant
Biotype E	Resistant
Biotype I	Susceptible

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.