

2023 Sorghum Hybrid Test

- 1 Pioneer 84P72
- 2 DK 44-07
- 3 DK 36-07
- 4 DK 38-16
- 5 Sorghum Partners 43M80
- 6 Sorghum Partners 68M57
- 7 Pioneer 85Y88
- 8 Pioneer 86Y89
- 9 Pioneer 84P80
- 10 Phillips 5883 C
- 11 Phillips 637
- 12 Phillips 6423 B
- 13 Ohlde O533
- 14 Ohlde O570
- 15 Ohlde O588
- 16 Ohlde O584
- 17 Ohlde EXP 2470
- 18 Ohlde EXP 2471

Plant Date: 5/31/2023

Fertility 150 lbs/acre urea

Herbicide Burndown/pre application Roundup + Verdict + Outlook + Atrazine 4L

Notes

DKS44-07 BRAND

Maturity Group

Medium

- Key Strengths**
- Outstanding yield potential in a Medium maturity product
 - Excellent Sugarcane Aphid tolerance
 - Very good root and stalk strength
 - Moderate plant stature

MANAGEMENT		PLANT DESCRIPTION	
NEW	YES	DAYS TO HARVEST - PLAINS	111
MATURITY GROUP	MEDIUM	DAYS TO HARVEST - TX AND SE	110
		APPROX. SEEDS PER POUND (000)	14-16
GROWTH		TOTAL PLANT HEIGHT (IN.)	41-49
SEEDLING VIGOR	1	GRAIN COLOR	RED
ROOT LODGING	3	DAYS TO FLOWER - PLAINS	66
PRE-FLOWER STRESS TOLERANCE	4	DAYS TO FLOWER - TX AND SE	67
POST-FLOWER STRESS TOLERANCE	2	HARVEST	
POST FREEZE STABILITY	2	TEST WEIGHT	1
STAY GREEN	-	GRAIN WEATHERING	-
YIELD POTENTIAL UNDER STRESS	3	PRE-HARVEST SPROUTING & SHATTERING	5
		THRESHABILITY	1
DISEASES		YIELD POTENTIAL FOR MATURITY	1
SUGARCANE APHID TOLERANCE	1		
HEAD SMUT RESISTANCE	2	AGRONOMIC CHARACTERISTICS	
GRAIN WEATHERING RESISTANCE	-	GROWTH REGULATORS SENSITIVITY	1
CHARCOAL ROT	2	HEAD EXERTION	4
DOWNY MILDEW PATHOTYPE 3 & 6	SUSCEPTIBLE	HEAD TYPE	SEMI-COMPACT
FUSARIUM HEAD BLIGHT	2	HEIGHT UNIFORMITY	3
		MATURITY UNDER COOL TEMPERATURES	-

DKS36-07 BRAND

Maturity Group

Medium-Early

Locally recommended by your Agronomist Jeff Schaefer for 67439

- Key Strengths**
- Familiar DKS37-07 type plant with upgraded yield potential
 - Excellent Sugarcane Aphid tolerance
 - Stable head height
 - Very good weatherability and resistance to pre-harvest sprouting & shattering

PLANT DESCRIPTION		GROWTH	
DAYS TO HARVEST - PLAINS	106	SEEDLING VIGOR	2
DAYS TO HARVEST - TX AND SE	105	ROOT LODGING	3
APPROX. SEEDS PER POUND (000)	14-16	PRE-FLOWER STRESS TOLERANCE	3
TOTAL PLANT HEIGHT (IN.)	40-48	POST-FLOWER STRESS TOLERANCE	3
GRAIN COLOR	BRONZE	POST FREEZE STANDABILITY	3
DAYS TO FLOWER - PLAINS	61		
DAYS TO FLOWER - TX AND SE	62	HARVEST	
		TEST WEIGHT	3
		PRE-HARVEST SPROUTING & SHATTERING	3
		THRESHABILITY	3
DISEASES			
HEAD SMUT RESISTANCE	4		
GRAIN WEATHERING RESISTANCE	5		
CHARCOAL ROT	3		
DOWNY MILDEW PATHOTYPE 3 & 6	SUSCEPTIBLE		

DKS38-16 BRAND

Maturity Group

Medium-Early

Locally recommended by your Agronomist Jeff Schaefer for 67439

Key Strengths

- Impressive yield potential, even under stressed growing conditions
- Excellent test weight

PLANT DESCRIPTION		GROWTH
DAYS TO HARVEST - PLAINS	108	SEEDLING VIGOR 3
DAYS TO HARVEST - TX AND SE	105	ROOT LODGING 5
APPROX. SEEDS PER POUND (000)	14-16	PRE-FLOWER STRESS TOLERANCE 3
TOTAL PLANT HEIGHT (IN.)	43-51	POST-FLOWER STRESS TOLERANCE 2
GRAIN COLOR	BRONZE	POST FREEZE STANDABILITY 3
DAYS TO FLOWER - PLAINS	62	
DAYS TO FLOWER - TX AND SE	62	HARVEST
		TEST WEIGHT 1
DISEASES		PRE-HARVEST SPROUTING & SHATTERING 3
HEAD SMUT RESISTANCE	1	THRESHABILITY 1
GRAIN WEATHERING RESISTANCE	3	
CHARCOAL ROT	2	
DOWNY MILDEW PATHOTYPE 3 & 6	SUSCEPTIBLE	

Grain Sorghum | Medium-Early Maturity | High SCA Tolerance

SP 43M80



SP 43M80 is a medium-early maturity grain hybrid with high White Sugarcane Aphid tolerance, excellent appearance, and excellent drought tolerance make it an excellent hybrid for the Great Plains.

Agronomic Traits

1=Excellent 3=Good 5=Average 7=Low 9=Poor

Yield for Maturity.....	3
Yield Stability.....	2
Standability	2
Drought Tolerance	2
Threshability.....	3
Emergence.....	3

Descriptive Characteristics

Relative Maturity.....	Medium-Early
Days to 50% Bloom.....	58-62
Seeds/Pound	13,500
Height	Medium
Head Exertion Inches.....	4-6
Head Type.....	Semi-Open
Plant Color	Purple
Harvest Grain Color.....	Bronze

Key Advantages

- High Sugarcane Aphid tolerance
- Excellent drought stress
- Excellent panicle exertion under drought stress
- Semi-Open head with great uniformity
- Stiff Stalk and Staygreen traits for improved yield and standability under drought stress
- Excellent for Great Plains dryland fields

Pest Resistance

TYPE	1	3	5	7	9
MDMV Tolerance	--UNDETERMINED--				
Downy Mildew Pathotype 1	•				
Downy Mildew Pathotype 3	•				
Downy Mildew Pathotype 6	•				
Head Smut		•			
Anthracnose			•		
Greenbug Biotype C					•
Greenbug Biotype I	--UNDETERMINED--				
Greenbug Biotype E	--UNDETERMINED--				
Sugarcane Aphid Tolerance	•				

Scale 1 to 9

- 1 = Highly Resistant
- 5 = Moderately Resistant
- 9 = Highly Susceptible



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Grain Sorghum | Medium Maturity | Moderate SCA Tolerance

SP 68M57



SP 68M57 is a medium maturity hybrid that is well suited from the Great Plains south to Northeast Mexico because of its moderate White Sugarcane Aphid (SCA) tolerance and resistance to many leaf diseases.

Agronomic Traits

1=Excellent 3=Good 5=Average 7=Low 9=Poor

Yield for Maturity.....	1
Yield Stability.....	1
Standability.....	3
Drought Tolerance.....	3
Threshability.....	3
Emergence.....	3

Descriptive Characteristics

Relative Maturity.....	Medium
Days to 50% Bloom.....	64-66
Seeds/Pound.....	14,300
Height.....	Medium
Head Exertion Inches.....	4-6
Head Type.....	Semi-Open
Plant Color.....	Purple
Harvest Grain Color.....	Bronze

Key Advantages

- High yielding medium hybrid
- Bronze grain, excellent appearance
- Widely adapted from the Great Plains to Northeast Mexico
- Excellent for Great Plains dryland and irrigated fields
- Well-suited for Central and South Texas dryland
- Resistant to downy mildew pathotypes 1, 3, and 6

Pest Resistance

TYPE	1	3	5	7	9
MDMV Tolerance	--UNDETERMINED--				
Downy Mildew Pathotype 1	•				
Downy Mildew Pathotype 3	•				
Downy Mildew Pathotype 6	•				
Head Smut		•			
Anthracnose			•		
Greenbug Biotype C					•
Greenbug Biotype I	--UNDETERMINED--				
Greenbug Biotype E	--UNDETERMINED--				
Sugarcane Aphid Tolerance	•				

Scale 1 to 9

- 1 = Highly Resistant
- 5 = Moderately Resistant
- 9 = Highly Susceptible



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Key Statistics

Positioned for
Ellsworth, Kansas (67439)



Management Comments

- New white leader product that offers outstanding top-end yield potential in a 70 RM, full season white hybrid.
- Exceptional yield with very good test weight across yield environments.
- Moderately tall plant with good stalks.
- Monitor Sugar Cane Aphid activity, may require management under environments favoring SCA populations.

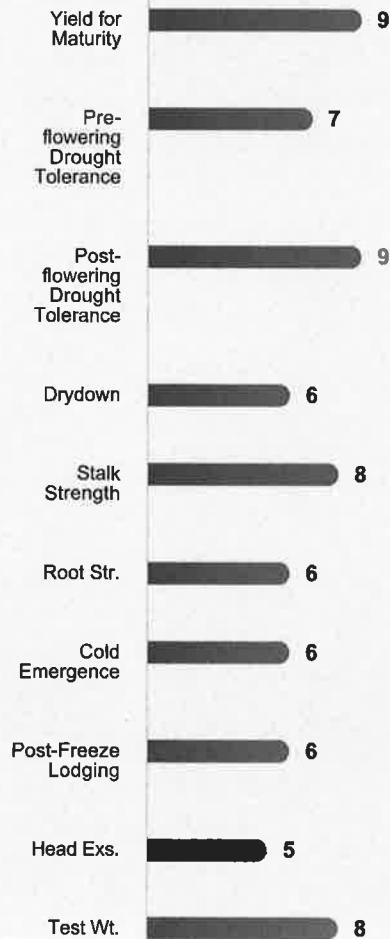
Characteristic Scores

Disease Scores

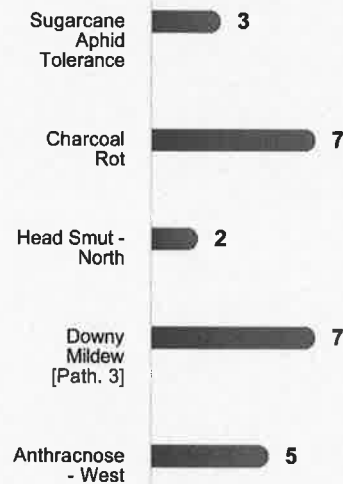
Characteristic Scores

Disease Scores

Product Ratings



Product Ratings

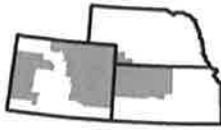


86Y89



Key Statistics

Positioned for Ellsworth, Kansas (67439)

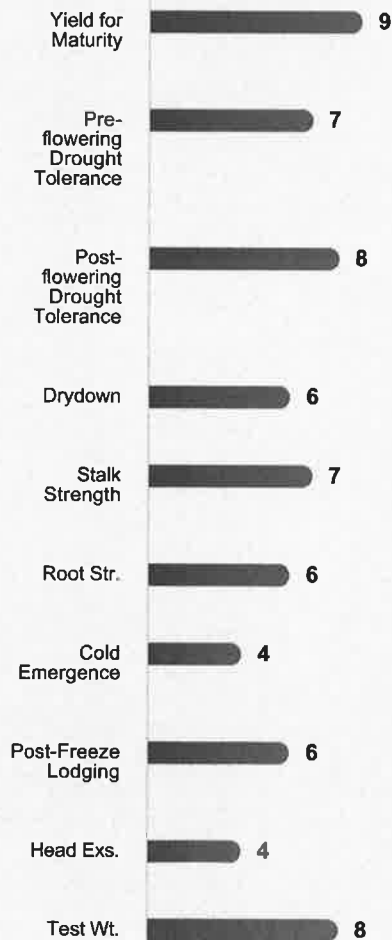


Management Comments

- White hybrid with outstanding yield performance for maturity.
- Strong tolerance to charcoal rot and very good stalk lodging resistance.
- Good standability under tough conditions.
- Exceptional coloring promotes maturity in cooler fall temperatures.

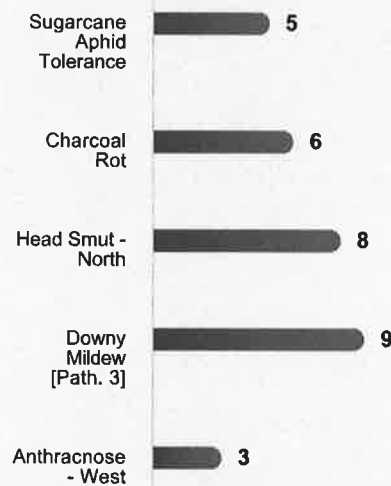
Characteristic Scores Disease Scores

Product Ratings



Characteristic Scores Disease Scores

Product Ratings



84P80



Key Statistics

Positioned for Ellsworth, Kansas (67439)



CRM 118-122 RM - DAYS TO FLOWERING 72

Management Comments

- Medium Full maturity hybrid with excellent yield potential and above average head exertion.
- Good test weight with an attractive dark red grain color.
- Provides favorable late season stalk strength.
- Taller plant with very good tolerance to charcoal rot and fusarium stalk rot.

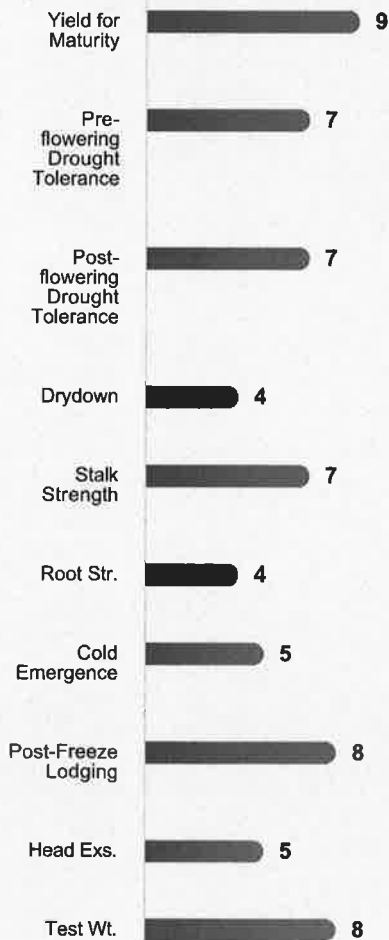
Characteristic Scores

Disease Scores

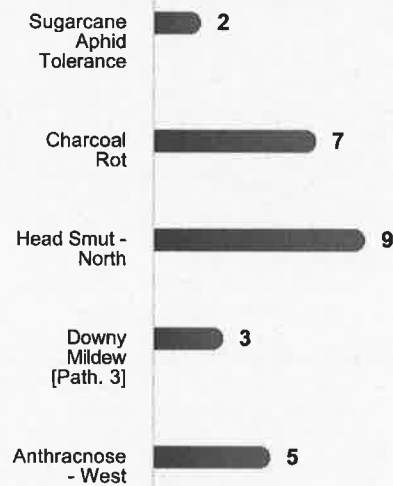
Characteristic Scores

Disease Scores

Product Ratings



Product Ratings





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5883C Milo Variety

5883C Milo

- Nice, uniform plants produce strong yields for maturity.
- Very good on dryland and high pH soils.
- Works well on full irrigation, too.
- Potential as a food grade option.

Mid-Bloom:	General Maturity:	Physiological Maturity:	Grain Color:
58-59	Early	98-102	Cream
Yield for Maturity:	Threshability:	Highly Productive Environments:	Lower Production Envi
Excellent	Excellent	Very Good	Excellent
Head Exertion:	Standability:	Anthraco	Charcoal Rot:
Excellent	Excellent	Very Good	No Rating
Head Smut:	Fusarium:	Sugar Cane Aphid:	
Good	No Rating	Excellent	



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637 Milo Variety

637 Milo

- Impressive multi-year yield history.
- Attractive, uniform field appearance.
- Very good in nearly all situations, and thrives under irrigation and productive environments.
- Avoid extreme stress.

Mid-Bloom:	General Maturity:	Physiological Maturity:	Grain Color:	Plant Height:	Head Type:
58-59	Early	98-102	Cream	38-44	Semi Open
Yield for Maturity:	Threshability:	Highly Productive Environments:	Lower Production Environment:	Stress Tolerance:	Viogor:
Excellent	Excellent	Very Good	Excellent	Excellent	Very Good
Head Exertion:	Standability:	Anthracnose:	Charcoal Rot:	Downy Mildew:	MDMV:
Excellent	Excellent	Very Good	No Rating	Good	No Rating
Head Smut:	Fusarium:	Sugar Cane Aphid:			
Good	No Rating	Excellent			

637 Milo Assaria, KS Dryland Plot (photos taken 09/24/21)





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6423B Milo Variety

6423B Milo

- Very good all-around adaptability.
- Can handle tough acres and conditions, but very responsive to irrigation too.
- Excellent defense against Downy Mildew.

Mid-Bloom:	General Maturity:	Physiological Maturity:	Grain Color:
64-65	Medium	107-111	Bronze
Yield for Maturity:	Threshability:	Highly Productive Environments:	Lower Production Envi
Excellent	Very Good	Excellent	Excellent
Head Exertion:	Standability:	Anthracnose:	Charcoal Rot:
Very Good	Very Good	Good	No Rating
Head Smut:	Fusarium:	Sugar Cane Aphid:	
Good	No Rating	Excellent	

GRAIN SORGHUM



RATINGS

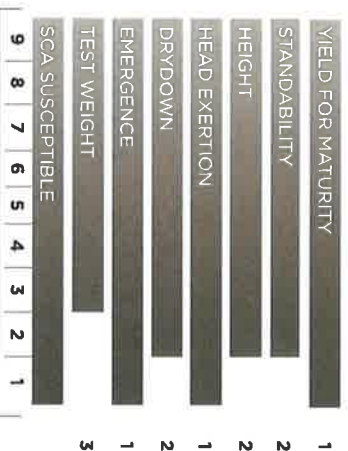


O 533 Early

KNOW2GROW™ OBSERVATIONS

- > Brings excellent yield potential and strong stress tolerance
- > Early maturity that will stand well under stress with great head exertion
- > Displays a bronze, semi-open head
- > Will work in a double crop market as well with its early maturity
- > Outstanding performance in 2020 and 2021 Know2Grow™ performance trials

PLANT TRAITS



GENERAL CHARACTERISTICS

Grain Color	Bronze
Stalk Strength	2
Head Type	Semi-open
Drought Tolerance	2
High Yield	2
Days to Mid Bloom	60

O 570 Medium-Full

KNOW2GROW™ OBSERVATIONS

- > Has displayed good Sugarcane Aphid tolerance
- > Excellent top end yield and test weight
- > Great option for irrigated and highly productive dryland acres
- > Very good stalks and roots for a moderately tall hybrid
- > Provides exceptional threshability for harvesting ease

PLANT TRAITS



GENERAL CHARACTERISTICS

Grain Color	Red
Stalk Strength	2
Head Type	Compact
Drought Tolerance	5
High Yield	1
Days to Mid Bloom	71



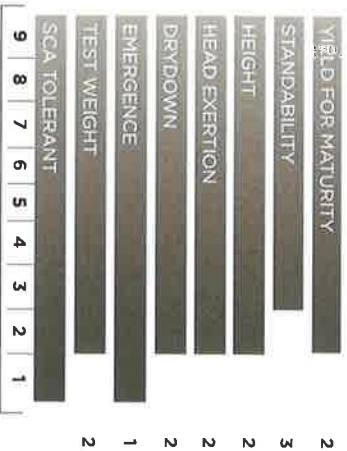
O 584

Medium

KNOW2GROW™ OBSERVATIONS

- > Not only brings an excellent yield punch but also tolerates Sugarcane Aphids
- > Medium maturity that will stand well under stress
- > Displays a bronze, semi-compact head
- > Medium-Tall plant height that expresses high StayGreen

PLANT TRAITS



GENERAL CHARACTERISTICS

Grain Color	Bronze
Stalk Strength	3
Head Type	Semi-Compact
Drought Tolerance	2
High Yield	2
Days to Mid Bloom	66

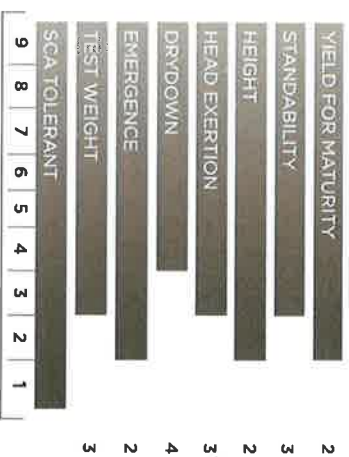
O 588

Medium-Full

KNOW2GROW™ OBSERVATIONS

- > Highly tolerant to Sugarcane Aphids
- > Medium-Full maturity that brings excellent yield potential
- > Great option for irrigated and favorable dryland acres
- > Resistant to Aphid Biotypes C and I
- > Provides good threshability

PLANT TRAITS



GENERAL CHARACTERISTICS

Grain Color	Bronze
Stalk Strength	3
Head Type	Semi-Compact
Drought Tolerance	2
High Yield	1
Days to Mid Bloom	70



JOHN DEERE FINANCIAL

Ohlde Seed Farms is pleased to offer John Deere Financial financing options for the 2023 planting season. John Deere Financial is a dependable source of credit for approved accounts. Over 500,000 farmers and ranchers throughout the United States use John Deere Financial.

Using financing from John Deere Financial offers the following benefits:

- Flexible financing needs for everyday essentials and seasonal inputs
 - Consolidated agriculture purchases on one account
 - Instant online access at MyJDFAccount.com
- For more information about this program and other dependable financing solutions, please contact John Deere Financial at 1-800-356-9033 or visit www.JohnDeereFinancial.com.

