

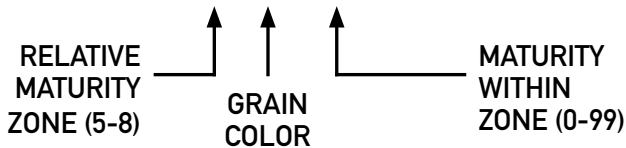


# SORGHUM

CHANNEL® GRAIN SORGHUM NUMBERING SYSTEM

GRAIN SORGHUM EXAMPLE

**5B27 Brand**



GRAIN COLOR

- BRONZE = B
- RED = R
- CREAM = C
- WHITE = W
- YELLOW = Y

**NEW**

**5B27 Brand**

BRONZE • EARLY

- Yield performance potential makes this product a grower favorite
- Adapted to shorter season areas and higher elevations
- Works well in most row widths, a good choice for double crop
- A good early maturing option in fuller season dryland areas

56 DAYS TO HALF-BLOOM

NOTES

**NEW**

**7B11 Brand**

BRONZE • MEDIUM

- Strong yield response backed with defensive traits
- Widely adapted from the Plains to South Texas and the Delta
- Responds to most planting dates and row widths in irrigated or dryland fields
- Genetic resistance to biotypes E and I Greenbugs

68 DAYS TO HALF-BLOOM

NOTES

**NEW**

**6B10 Brand**

BRONZE • MEDIUM-EARLY

- Top-end, consistent yield response for its maturity
- Strong Plains adaptation for irrigation and all dryland
- Recommended for most row widths, good for later planting
- Strong late-season standability for easy harvest

61 DAYS TO HALF-BLOOM

**NEW**

**7B71 Brand**

BRONZE • MEDIUM

- Strong yield potential across a wide range of environments
- Excellent southern and Plains adaptation
- Responds to most planting dates and residue levels in 30-inch and wider rows
- High tolerance to head smut and downy mildew (pathotype 1)

72 DAYS TO HALF-BLOOM

**5C35**

CREAM • EARLY

- Excellent choice for early grain sorghum planted early
- Well adapted for the Central Plains and shorter growing season areas
- Good option for double crop and most row widths
- Harvesting is easier with good head exertion and threshability

**58 DAYS TO HALF-BLOOM**

## NOTES

**6B50**

BRONZE • MEDIUM-EARLY

- Top yielding potential; NSP yield contest winner
- Widely adapted east to west for irrigated and dryland conditions
- Good for most planting dates in 30-inch and wider rows
- Good standability, but timely harvest is still recommended

**62 DAYS TO HALF-BLOOM**

## NOTES

**Y363**

YELLOW • MEDIUM-EARLY

- Top yield potential in a yellow sorghum; NSP yield contest winner
- Widely adapted for irrigated and dryland environments
- Works well with most row widths including drilled rows
- Consistent maturity across most environments

**64 DAYS TO HALF-BLOOM**

## NOTES

**5B90**

BRONZE • EARLY

- Stable yield response even under stress conditions
- Western adaptation; also for shorter growing season areas
- Good for most planting dates, row widths and double crop
- Good head exertion and threshability make harvesting easier

**61 DAYS TO HALF-BLOOM****6C21**

CREAM • MEDIUM-EARLY

- Strong yield potential and consistency under tougher conditions
- Well adapted east to west for irrigation and dryland areas
- Works well in most row widths including drilled rows
- Excellent standability and threshability for easier harvest

**62 DAYS TO HALF-BLOOM****7C22**

CREAM • MEDIUM

- Dependable yield response in more stress prone conditions
- Strong adaptation for western dryland growing conditions
- Best for normal planting dates and most row widths
- Not recommended where downy mildew is a problem

**69 DAYS TO HALF-BLOOM**

### 371

CREAM • MEDIUM

- #1 selling true cream color known for its top-end yield response
- Best for dryland and limited irrigation
- Recommended for most row widths
- Not recommended where downy mildew is a problem

70 DAYS TO HALF-BLOOM

### 7B47

BRONZE • MEDIUM

- High yield potential and strong standability
- Widely adapted for irrigated and dryland growing conditions
- Works well in most row widths with normal planting rates
- High tolerance to head smut and downy mildew (pathotype 1)

70 DAYS TO HALF-BLOOM

### 7B51

BRONZE • MEDIUM

- Top-end response with irrigation and favorable dryland moisture
- Wide area of adaptability and use
- Normal planting dates, most row widths
- High tolerance to head smut and downy mildew (pathotype 1)

70 DAYS TO HALF-BLOOM

NOTES

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## BRAND CHARACTERISTICS

	Days to Half Bloom	Maturity Group	Yield For Maturity	Non-Irrigated	Irrigated	Grain Color	Seeds Per Pound	Seedling Vigor	Drill Culture	Plant Height	Root Development	Pre-Flower Stress Tolerance	Standability
<b>NEW 5B27</b>	56	Early	1	1	2	B	12,500-14,500	3	3	38-47"	3	1	2
<b>NEW 6B10</b>	65	Med-Early	2	2	1	B	13,500-15,500	2	1	36-47"	1	3	2
<b>NEW 7B11</b>	68	Medium	1	1	1	B	12,500-14,500	3	3	44-53"	3	1	1
<b>NEW 7B71</b>	72	Medium	2	2	1	B	12,500-14,500	2	5	41-50"	1	3	2

## VARIETY CHARACTERISTICS

	Days to Half Bloom	Maturity Group	Yield For Maturity	Non-Irrigated	Irrigated	Grain Color	Seeds Per Pound	Seedling Vigor	Drill Culture	Plant Height	Root Development	Pre-Flower Stress Tolerance	Standability
<b>5C35</b>	58	Early	2	2	3	C	12,000-14,000	3	3	39-48"	2	1	2
<b>5B90</b>	61	Early	1	1	1	B	12,500-14,500	2	3	40-50"	4	2	2
<b>6B50</b>	62	Med-Early	1	1	1	B	11,000-13,000	1	5	37-48"	3	4	3
<b>6C21</b>	62	Med-Early	2	1	3	C	12,500-14,500	3	2	40-49"	2	1	2
<b>Y363</b>	64	Med-Early	3	2	3	Y	12,000-14,000	3	3	39-45"	3	1	3
<b>7C22</b>	69	Medium	2	2	2	C	13,500-15,500	4	3	41-52"	2	1	3
<b>371</b>	70	Medium	2	1	3	C	12,000-14,000	4	2	36-47"	1	3	2
<b>7B47</b>	70	Medium	3	2	2	B	11,500-13,500	1	2	41-49"	2	5	2
<b>7B51</b>	70	Medium	3	2	2	B	12,300-14,000	4	3	41-48"	3	3	3
<b>7R34</b>	70	Medium	2	2	1	R	13,500-15,500	3	6	48-57"	4	2	3
<b>7R83</b>	72	Medium	2	2	2	R	11,000-13,000	1	5	42-51"	2	4	3
<b>8R18</b>	75	Med-Full	1	3	1	R	11,500-13,500	2	2	46-56"	4	6	5

KEY

1 = Excellent, 9 = Poor, NR = Not Recommended, - = Agronomic data is insufficient to make ratings at this time

Grain Color: B = Bronze, C = Cream, R = Red, Y = Yellow

Days to Half Bloom: Days are approximate. Individual maturities may vary due to sorghum growth characteristics, planting dates, elevation and other environmental conditions.



## 7R34

RED • MEDIUM

- Strong, dependable yield response for its maturity
- Widely adapted across most irrigated and dryland areas
- Moderate planting rates in 30-inch and wider rows
- Good head exertion and threshability make harvesting easier

**70 DAYS TO HALF-BLOOM**

## 7R83

RED • MEDIUM

- Top choice for those tough dryland conditions
- Widely adapted east to west for most dryland conditions
- All planting dates and residue levels in 30-inch and wider rows
- High tolerance to head smut, some tolerance to downy mildew (pathotype 1)

**72 DAYS TO HALF-BLOOM**

## 8R18

RED • MEDIUM-FULL

- Top-end yield potential; NSP yield contest winner
- Widely adapted medium-full maturity
- Best with moderate planting rates in 30-inch and wider rows
- High tolerance to head smut and downy mildew (pathotype 1)

**75 DAYS TO HALF-BLOOM**

### NOTES

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## BRAND CHARACTERISTICS

	Threshability	Head Exertion	Head Type	Uniformity	Stay Green	Drydown	Test Weight	Post-Freeze Stalk Quality	Head Smut	Fusarium	MDMV-A	Downy Mildew	Sooty Stripe	Greenbug Resistance
<b>NEW</b> 5B27	4	3	SO	2	3	2	3	3	4	4	-	6	-	E
<b>NEW</b> 6B10	2	4	SC	1	1	4	2	1	4	2	-	6	-	E
<b>NEW</b> 7B11	2	3	SO	3	3	3	2	3	2	4	-	3	-	E, I
<b>NEW</b> 7B71	3	3	SO	2	3	5	3	2	1	5	-	1	-	E

## VARIETY CHARACTERISTICS

	Threshability	Head Exertion	Head Type	Uniformity	Stay Green	Drydown	Test Weight	Post-Freeze Stalk Quality	Head Smut	Fusarium	MDMV-A	Downy Mildew	Sooty Stripe	Greenbug Resistance
<b>5C35</b>	2	3	SO	4	3	2	3	3	3	5	4	6	3	None
<b>5B90</b>	2	4	SC	2	3	3	2	3	4	5	-	6	NR	E
<b>6B50</b>	3	3	SO	4	4	3	3	3	4	4	3	2	3	None
<b>6C21</b>	2	4	SO	1	3	2	1	2	2	3	-	6	-	C
<b>Y363</b>	2	3	SO	1	3	4	2	3	1	3	5	6	6	C
<b>7C22</b>	2	3	SO	3	3	3	3	3	4	3	-	-	-	C
<b>371</b>	2	3	SO	2	2	3	3	2	3	4	4	6	4	C
<b>7B47</b>	3	4	SO	2	3	3	3	2	2	5	4	1	4	C-E
<b>7B51</b>	3	4	SO	3	4	4	3	3	2	5	NR	1	-	None
<b>7R34</b>	1	2	SO	3	4	4	1	3	2	2	-	-	-	None
<b>7R83</b>	3	2	SC	3	3	3	3	2	1	2	3	4	2	None
<b>8R18</b>	3	2	SC	3	5	4	2	5	2	2	2	2	-	None

Head Type: SO = Semi-Open, SC = Semi-Compact  
Downy Mildew: Pathotype 1

## NUTRI-CHOICE II

- Top-end yield potential in a high quality, high tonnage silage
- Adapted over a wide area primarily for silage
- Recommended in 30-inch rows and wider
- Excellent standability makes harvesting easier

## NUTRI-CANE® II

- Extra sweetness with high sugar content in stalks and leaves
- Ideal for grazing, hay, haylage, bundle feed and fall pasture
- Works well in most soils under irrigation and dryland conditions
- Fast emergence and growth with an early maturity

## NUTRI-TON II

- Excellent choice for high tonnage, high quality silage potential
- Well adapted across a wide geography for all silage needs
- Excellent adaptation for most soils and silage management
- Good standability helps make harvesting easier

### NOTES

## BMR77F Brand

- Higher feed value with improved palatability and reduced lignin
- Best use for hay, haylage, green chop and grazing
- A good fit for most soils with irrigation and dryland conditions
- Strong early growth for early forage needs

## SWEETLEAF II

- A versatile, dependable and highly palatable summer forage
- Best used for hay, haylage, green chop and grazing
- Moderate planting rates with smaller seed size and tillering
- Fast early growth makes it ready for grazing in 6 weeks

## BMR45S Brand

- A top value forage with higher digestability and lower ligin
- Recommended for hay, haylage, green chop and grazing
- Responds well to summer forage management
- Early vigor and fast regrowth enhance multiple cuttings

### NOTES

## CHARACTERISTICS

	Maturity Group	Yield For Maturity	Under Stress	Under Irrigation	Silage	Hay	Green Chop	Pasture	Standability	Regrowth	Plant Height	Sweetness	Grain in Forage	Sterility	Plant Health
<b>Forage Sorghum Varieties</b>															
<b>NUTRI-CHOICE II</b>	Med-Full	1	2	1	1	-	-	1	2	-	6-8'	4	15-25	F	2
<b>NUTRI-CANE® II</b>	Medium	2	1	2	4	3	-	3	2	4	6-8'	1	0-5	S	3
<b>NUTRI-TON II</b>	Med-Full	1	3	1	1	-	-	-	3	-	8-10'	3	10-15	F	2
<b>Sudangrass Brands</b>															
<b>BMR77F</b>	Medium	2	2	2	-	2	1	2	-	3	6-7 1/2'	3	-	F	3
<b>BMR45S</b>	Medium	2	2	2	-	2	1	1	-	2	7 1/2-9'	3	-	S	3
<b>Sudangrass Varieties</b>															
<b>SWEETLEAF II</b>	Medium	1	1	1	-	1	1	1	-	1	-	1	-	S	3

### KEY

1 = Excellent, 9 = Poor, NR = Not Recommended, - = Agronomic data is insufficient to make ratings at this time

S = Sterile, F = Fertile (products marked with (s) are 98% or higher sterile)

Some grain development can occur in sterile products when other grain, sudangrass, forage or "weedy" type sorghums are in the area to serve as a pollen source.

To provide the option of a sterile forage product for hay or winter pasture and a full-grain head for silage. Inside each NUTRI-CANE® II bag is a two-pound package of pollinator. Planting the pollinator reduces the risk of infection in areas where ergot may be a problem. It also results in the production of grain on 90% of the heads.

Forage growers should exercise normal precautions to avoid prussic acid and/or nitrate problems with livestock. Contact your Channel Seedsman for more information.