

# Summer Annual Guide



MIDWEST GRASS & FORAGE

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Variety	Trait	Maturity	Harvest Method(s)	Cut	Prussic Acid Risk	Height	Rate Per Acre (#s)	Seeds / Lb	Notes
Forage Sorghum	KG5277	110 (med-late)	Silage	Single	Yes, high	6-7'	6-8	13-15,000	Full season, single cut option.
	KGS5139	95 (early-med)	Silage	Single	Yes, high	7-8'	6-8	13-15,000	Mid season, single cut option.
Sudan - Sudan	SS9311	60-65 mid boot	Graze, Chop, Hay	Multi	Yes, med	7-8'	20-35	18-20,000	Can be hayed if planted at higher rates.
	SS9716	95-100 (PPS)	Graze, Chop, Hay	Multi	Yes, med	9-10'	20-35	13-15,000	Will not head until less than 12h, 20 min daylight. Likes well-drained soil.
Sorghum - Sudan	SS4408	65-70 mid boot	Graze, Chop, Hay	Multi	Yes, med	6-8'	20-35	18-20,000	This is the highest tonnage summer annual option that has no prussic risk.
	SP7106 / 9131	Photo-sensitive	Hay, Graze, Chop	Multi	Yes, low	7-9'	20-45	24-26,000	7106 is a great option for premium quality summer annual hay!
Sudangrass	Piper	55-65 mid boot	Hay, Graze, Chop	Multi	Yes, low	6-8'	20-45	25-30,000	Piper is an economical choice for summer forage.
	Millex 32	55-65 mid boot	Hay, Graze, Chop	Multi	No	4-5'	20-45	47,000	Very drought tolerant and produces an abundance of prussic free forage!
Pearl Millet	Hybrid Pearl	55-65 mid boot	Hay, Graze, Chop	Multi	No	4-5'	20-45	47,000	BMR options may be available by request
Teff Grass	Bonus	Early, 45 days then 30 for recut	Wet or Dry Hay	Multi	No	2-4'	8-10	1,300,000	Teff is a great option for wet or dry hay. Fast establishing!

## Choosing a Summer Annual

Knowing your goals of how many times you want to harvest and your harvest method (grazing, haying, chopping, etc) helps to narrow down what options will be best for you!

**Forage Sorghum**- Typically the tallest and most leafy type of summer forage. Forage sorghum is the most "corn like", meaning that it has wider leaves, and is not able to produce much regrowth after cut. Forage sorghum is ideally suited for single cut operations that chop for silage or that graze.

**Sorghum-Sudangrass**- A cross between forage sorghum and sudangrass, this plant can reach heights of 6' or greater, but has smaller stalks and more tillering than forage sorghum. Sorghum-Sudangrass has good regrowth potential making it well-suited for multi cut operations.

**Sudangrass**- Has finer stalks and stems and lots of tillers. Sudangrass has lots of leaves, and is ideal for a multi-cut system due to its rapid regrowth. Sudangrass can be used for grazing, chopping or hay. It has the finest stems of the sorghum family and is best suited for hay or grazing.

**Pearl Millet**- Unlike sorghum family products, there is no risk of prussic acid poisoning from pearl millet. It is a safe option, which often makes it preferred in some management situations. It can be grazed, hayed, or chopped.

**Teff Grass**- Is an exceptionally high quality summer annual forage. While lower tonnage than other summer annuals, teff grass has the highest quality. There is also typically a cash market available for teff hay. Teff can be grazed, chopped, or hayed. It is most commonly hayed due to its fine stems and quality. The biggest challenge is establishment as depth is critical. Seed 1/8-1/4" deep.

## Sorghum- Sudangrass

### SS9311 - BMR

This BMR hybrid brings consistent performance and excellent regrowth with a high leaf to stem ratio. It has a good disease package and is well suited for both mechanical and hoof harvest. It is a medium-early maturity, approx 60 to 65 days to boot.

### SS9716 - BMR - PPS

This photo sensitive, BMR SorgXSud offers a wide harvest window and has great regrowth making it a very high yielding option that can be harvested several times. It strongly prefers warm, well-drained soils. It offers great palatability and digestibility.

### SS4408 - PAF

4408 is the first Prussic-Acid-Free sorghum product to come to market. This trait gives producers peace of mind when grazing or harvesting that they will not have to manage risk. This vigorous, high yielding, palatable option is a great tool to reduce risk!

## Grain Sorghum

### KGS1910AT

1910AT is a bronze, early maturity grain sorghum with very good yield for maturity, strong vigor and excellent aphid tolerance. It has excellent drought tolerance, above average stalk quality, and strong stand establishment and seedling vigor provide very consistent, stable performance.

## Forage Sorghum

### FS5277 - BMR - BD

5277 offers an extremely high yield and palatability for silage. This product offers both BMR and BD traits to maximize digestibility and palatability. This is a great single cut option with good agronomics!

### F5139 - BMR

This early maturity forage sorghum offers a quick silage harvest for producers looking for a fast maturing, high-tonnage single cut option. It is very digestible and palatable.



## Sudangrass

### SP7106/9131 - BMR - PPS

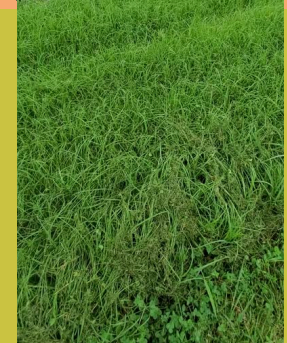
This BMR - PPS sudangrass offers excellent yields of high quality forage. It is well-suited for intensive grazing or high frequency cuttings. With delayed heading, it is easy to get multiple high quality forage harvests!

### Piper

Piper is a traditional sudangrass variety that offers good tonnage and performance. It is a great choice for dry hay, wet wrapping, grazing or chopping.

## Pearl Millet

Pearl Millet handles dry conditions exceptionally well. It provides multi-harvest palatable forage that does not have a prussic acid risk! Great for grazing and hay!



## Teff Grass

Teff Grass is an extremely palatable and digestible summer annual that makes excellent quality dry hay. It often can command a premium in hay markets! This very leafy grass establishes rapidly, and it typically takes only 45 to 50 days for first cut! DO NOT SEED DEEPER THAN 1/8" into FIRM seed bed!

## PAF - Prussic Acid Free

This dhurrin free product is bred to not produce prussic acid after a frost or cutting, making it safe for livestock at all times.

## BMR - Brown Mid Rib

Results from less lignin, signaling improved palatability and increased digestibility.

## BD - Brachytic Dwarf

These products have "stacked nodes" resulting in a shorter plant that is very leafy. Results in less lodging and more digestible feed.

## PPS - Photoperiod Sensitive

These products will be delayed heading, allowing the plant to stay lush and vegetative longer.