

# SP2774

## BROWN MID-RIB HYBRID FORAGE

### KEY POSITIONING / BENEFITS

- Strong yields in the Great Plains and Midwest
- Best positioning west of the Mississippi River
- 100 days to maturity

### POSITIONING / MANAGEMENT

SP2774 is a brown mid-rib silage hybrid with good yields across several geographies, particularly in the Great Plains and Midwest. It matures in approximately 95-100 days. It is best positioned west of the Mississippi River, since susceptibility to Grey Leaf Spot has been observed in the Southeast.

### RELATIVE MATURITY (RM)

Relative Maturity .....Medium-Early  
Silage Harvest RM.....100

### HYBRID FORAGE SORGHUM MANAGEMENT

**Planting Date:** Late March through early July. Soil temperature should be 60°F to 65°F or warmer. Planting too early can result in slow early growth and reduced plant population.

**Planting Depth:** 1" to 1½" deep depending on soil moisture.

**Row Width:** 7.5" to 40" rows.

**Fertility:** Nitrogen: 7 lbs/acre per ton of silage harvested. Phosphorus: 3 pounds/acre per ton of silage harvested. Potassium: 7 lbs/acre per ton of silage harvested. Magnesium: 1.7 pounds/acre per ton of silage harvested. Sulfur: 0.8 pounds/acre per ton of silage harvested. Actual P & K needs should be based on current soil test levels.

### AGRONOMIC TRAITS<sup>1</sup>

Forage Yield Potential .....2  
Early Growth Rate .....3  
Standability .....3  
Drought Tolerance .....4  
Leafiness .....4  
Appearance .....4  
Stalk Sweetness .....5  
Prussic Acid (HCN) Potential .....High

### DESCRIPTIVE CHARACTERISTICS

% Grain in Forage .....10% - 15%  
Plant Height (feet) .....8' - 9'  
Head Type .....Open  
Head Exsertion (inches) .....6" - 8"  
Harvest Grain Color .....Brown  
Endosperm .....Normal  
Avg. Seed Size (x1000) .....13

### DISEASE RESISTANCE

MDMV Tolerance .....Tolerant  
Downy Mildew:  
    *Pathotype 1* .....Susceptible  
    *Pathotype 3* .....Susceptible  
    *Pathotype P6* .....Susceptible  
Anthracnose .....Susceptible

### INSECT RESISTANCE

Greenbug:  
    *Biotype C* .....Susceptible  
    *Biotype I* .....Susceptible  
    *Biotype E* .....Susceptible

### PRINCIPAL USES<sup>1</sup>

Silage:  
    Tonnage (Forage) .....3  
    Quality (Grain) .....3  
Greenchop .....4  
Stalk Grazing .....2

### PLANTING RATE GUIDE / ACRE

	Environments		
	Stress	Favorable	Irrigated
Seeds (x1000)/Acre	60-80	80-100	100-120
Lbs./Acre	3-4	4-7	7-10

### HARVEST MANAGEMENT

Harvest at soft dough stage for optimum silage harvest. Harvest at hard dough stage for highest sugar content hay. Whole plant moisture should be about 65%.

**Footnotes:** 1 - Numerical Rating: 1 to 9 (1 = Excellent, 5 = Average, 9 = Poor)

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TECHNICAL INFORMATION

