Summer Annual Variety Trial 2008

First Harvest-2008

Yield (lb DM/A)

Pearl Millet

Sudangrass

Sorghum-Sudangrass
Sudangrass

- Finer stems (1/4”)
- Drought tolerant
- Plant when soil is >60° F — 2 wks after corn
- Seeding rate: 25 lb/A
- Does not tolerate acidity — pH 6.0 to 6.5
- Harvest when 30 to 40 in
- Nitrate and prussic acid poisoning are concerns
Sudangrass-Sudangrass

- Coarser stems
- Tends to be higher yielding
- Plant when soil is >60° F
  - 2 wks after corn
- Seeding rate: 45 lb/A
- Does not tolerate acidity
  - pH 6.0 to 6.5
- Harvest when 30 to 40 in
- *Nitrate and prussic acid poisoning are concerns*
Pearl Millet

- Finer stems and leafier
- Little lower yielding
- Better on sandy soils
- Plant when soil is >60° F
  - 2 wks after corn
- Seeding rate: 25 lb/A
- Tolerates acidity better
  - pH 5.5 to 6.5
- Harvest when 30 to 40 in
- *Nitrate, but NO prussic acid*
• Potential horse hay
• Very drought tolerant
• Do **NOT** plant too early
  – Soil needs to be 65° F
• Very small seed
  – 1/8 to ¼ in. seeding depth
• Seeding rate: 8 lb/A
• Do **NOT** apply too much N
  – 50 to 60 lb/A at seeding
• Harvest at boot to early head
• *Nitrate? NO prussic acid*