### **GRASS**

# Millet, Pearl Pennisetum glaucum

This data is based on expert opinion.





Plant Hardiness Zone 7 Dataset



# **COVER CROP DESCRIPTION**

Tall summer annual grass. Does best under hot conditions. Fast growing. Some contradictory info on regrowth potential, but generally expected to regrow well if mowed/grazed high. Improved forage types available, cultivars may vary widely. Mix with cowpea, sunhemp. Very similar to sorghum-sudangrass except slightly lower biomass potential; better on acid and droughty soils; less allelopathy potential; less reputation for subsoiling; no prussic acid forage toxicity (but nitrates still a concern).





### **GOALS**

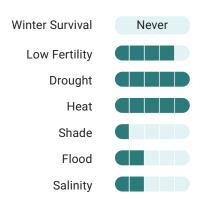
Short **Growing Window** Nitrogen Scavenging Lasting Residue Prevent Fall Soil Erosion Prevent Spring Soil Erosion **Promote Water Quality** Forage Harvest Value

Penetrates Plow Pan **Reduces Topsoil Compaction** Improve Soil Organic Matter Increase Soil Aggregation Supports Mycorrhizae **Good Grazing** Pollinator Food

# **WEEDS**

# **ENVIRONMENTAL TOLERANCES**





# **BASIC AGRONOMICS**

# Duration Annual Zone Use **Emerging Shape And Orientation** Erect Active Growth Period Summer C:N Dry Matter (Lbs/A/Yr) 3000 - 7000 Soil Texture Coarse Medium Fine Soil PH 4.5 - 8 Soil Moisture Use Low Hessian Fly Free Date? No

# SOIL DRAINAGE



### **GROWTH**

# Ease Of Establishment Establishes Quickly Early Spring Growth Flowering Trigger Root Architecture Root Depth Inoculant Type None

# **PLANTING**

Seeds Per Lb	82320
Seed Price Per Lb	
Base Seeding Rate (Lbs/A)	10 - 15
Drilled Depth	0.5" - 1"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	65

# **TERMINATION**

# **PLANTING DATES**

Tillage At Vegetative

Tillage At Flowering

Freezing At Vegetative

Freezing At Flowering

Chemical At Vegetative

Chemical At Flowering

Mow At Flowering

Roller-Crimp At Flowering

Frost Seeding N/A

Reliable Establishment 05/15 - 08/01

Temperature/Moisture Risk N/A

Can Interseed N/A