

GRASS

Sorghum *Sorghum bicolor*

 This data is based on expert opinion.



 Plant Hardiness Zone 7 Dataset

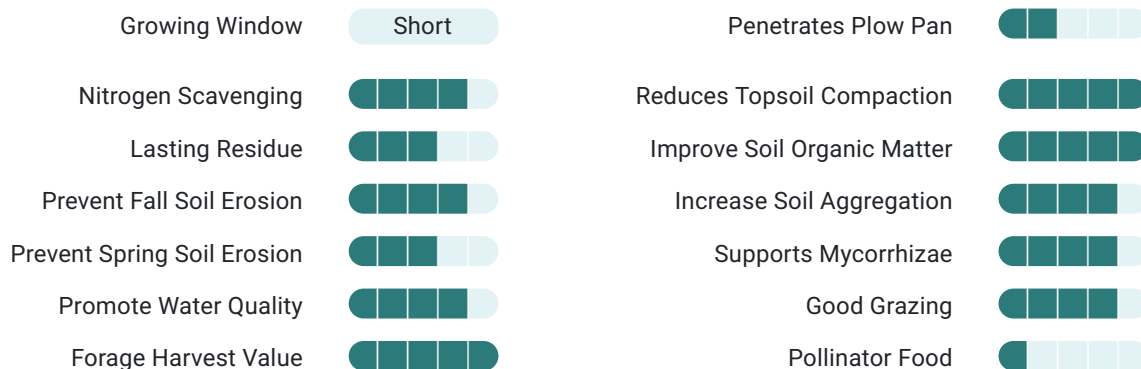
 View Photos

COVER CROP DESCRIPTION

Excellent summer grass choice. Needs heat. Fast-grower, big biomass potential in the presence of lots of soil N. Regrows well after mowing/grazing. Excellent subsoiler with thicker roots than most grasses. Excellent weed suppressor due to competition and allelopathy (caution if next crop is small-seeded). Good forage, but prussic acid and nitrate content can be a problem. Huge biomass and reseeding and weed potential can overwhelm: mow or kill in a timely fashion. Improved forage types available, cultivars may vary widely. Can substitute sorghum-sudangrass or sudangrass. Mix with cowpea, sunn hemp. Will die with first hard frost.



GOALS



WEEDS

ENVIRONMENTAL TOLERANCES

Residue Suppresses Summer Annual Weeds



Outcompetes Summer Annual Weeds



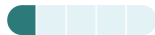
Suppresses Winter Annual Weeds



Persistence



Volunteer Establishment



Winter Survival

Never



Low Fertility



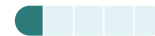
Drought



Heat



Shade



Flood



Salinity



BASIC AGRONOMICS

Duration

Annual

Zone Use

Common

Shape And Orientation

Erect

Active Growth Period

Summer

C:N



Dry Matter (Lbs/A/Yr)

4000 - 8000

Soil Texture

Coarse

Fine

Medium

Soil PH

5 - 7.5

Soil Moisture Use

Medium

Hessian Fly Free Date?

No

SOIL DRAINAGE

Very Poorly Drained

Poorly Drained

Somewhat Poorly Drained

Moderately Well Drained

Well Drained

Excessively Drained

Saturated Muck

Well Drained Muck

GROWTH

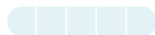
Ease Of Establishment



Establishes Quickly



Early Spring Growth



Flowering Trigger

Long Day

Root Architecture

Fibrous

Root Depth

Deep

Inoculant Type

PLANTING

Seeds Per Lb

27280

Seed Price Per Lb

\$ \$ \$

Base Seeding Rate (Lbs/A)

15 - 50

Drilled Depth

0.5" - 1.5"

Can Aerial Seed?

No

Can Frost Seed?

No

None

Min Germination Temp (°F)

65

TERMINATION

Tillage At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Tillage At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Mow At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Roller-Crimp At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>

PLANTING DATES

Frost Seeding	N/A
Reliable Establishment	05/15 - 08/01
Temperature/Moisture Risk	N/A
Can Interseed	N/A