

GRASS

Sorghum-sudangrass *Sorghum bicolor* x

Sorghum bicolor var. *Sudanense*

 This data is based on expert opinion.



 Plant Hardiness Zone 7 Dataset

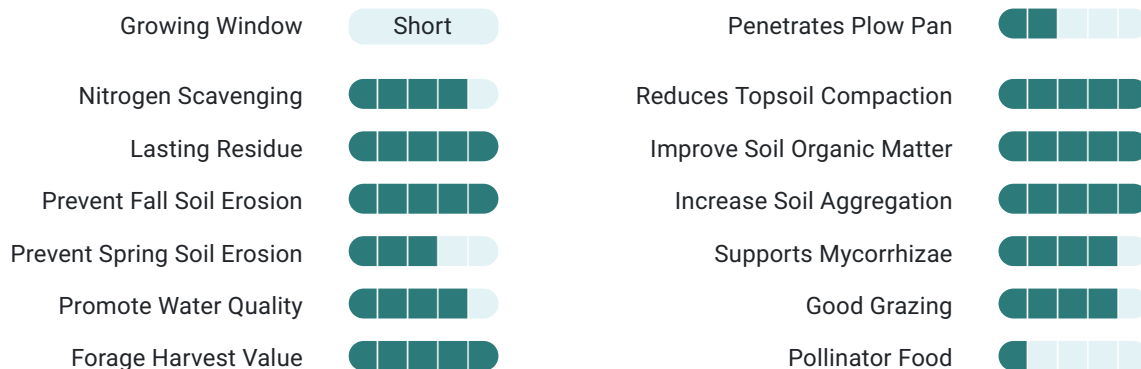
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COVER CROP DESCRIPTION

Also known as: Sudex, Sudax. Excellent summer grass choice. Needs heat. Fast-grower that reaches 6-12 ft tall, 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 forage sorghum or sudangrass. Mix with cowpea, sunn hemp.



GOALS



WEEDS

ENVIRONMENTAL TOLERANCES

Residue Suppresses Summer Annual Weeds



Outcompetes Summer Annual Weeds



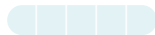
Suppresses Winter Annual Weeds



Persistence



Volunteer Establishment



Winter Survival

Never



Low Fertility



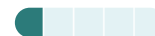
Drought



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

Medium

Fine

Soil PH

5 - 8

Soil Moisture Use

High

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

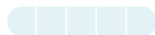
Ease Of Establishment



Establishes Quickly



Early Spring Growth



Flowering Trigger

Plant Size

Root Architecture

Fibrous

Root Depth

Medium

Inoculant Type

PLANTING

Seeds Per Lb

15000

Seed Price Per Lb



Base Seeding Rate (Lbs/A)

15 - 35

Drilled Depth

0.5" - 1.5"

Can Aerial Seed?

No

Can Frost Seed?

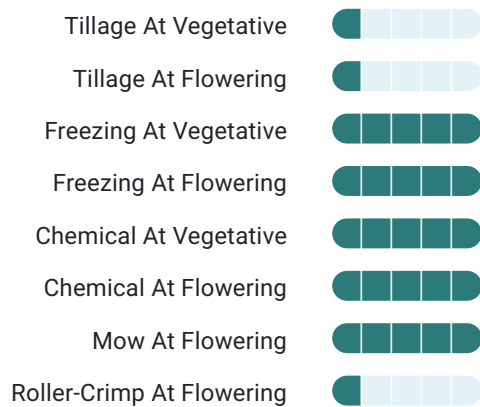
No

None

Min Germination Temp (°F)

65

TERMINATION



PLANTING DATES

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