#### **LEGUME**

# Soybeans Glycine max

This data is based on expert opinion.

100 x 100



Plant Hardiness Zone 7 Dataset



View Photos

## **COVER CROP DESCRIPTION**

Also known as forage soybean. Good N-fixation, biomass, and forage potential. Low reseeding and weed risk. Do not use in rotations where soybeans are grown as a cash crop. Inoculate. Many varieties are available; use late-maturing or forage cultivars for high biomass. Its bushy growth habit mixes better with short grasses like foxtail millet. Similar to cowpea for cover crop use. Compared to cowpea: more tolerant of cool weather, wet soils; less tolerant of drought, pests, poor soil fertility.





# **GOALS**

**Growing Window** Medium Penetrates Plow Pan Nitrogen Scavenging **Reduces Topsoil Compaction** Lasting Residue Improve Soil Organic Matter Prevent Fall Soil Erosion Increase Soil Aggregation Prevent Spring Soil Erosion Supports Mycorrhizae **Promote Water Quality Good Grazing** Pollinator Food Forage Harvest Value Nitrogen Fixation

**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) 500 - 2000 Soil Texture Coarse Fine Medium Soil PH 5.5 - 7.8 Soil Moisture Use Medium Hessian Fly Free Date? No 30 - 50 Nitrogen Accumulation (Lbs/A/Yr)

# SOIL DRAINAGE



## **GROWTH**

# Ease Of Establishment Establishes Quickly Early Spring Growth Flowering Trigger Root Architecture Root Depth Inoculant Type Soybean

# **PLANTING**

10	
Seeds Per I b	4000
Seeds Pel Lb	4880
Seed Price Per Lb	888
Base Seeding Rate (Lbs/A)	40 - 60
Drilled Depth	1" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	

## **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 05/01 - 07/15

Temperature/Moisture Risk N/A

Can Interseed N/A