

LEGUME

Cowpea *Vigna unguiculata*

 This data is based on expert opinion.



 Plant Hardiness Zone 7 Dataset

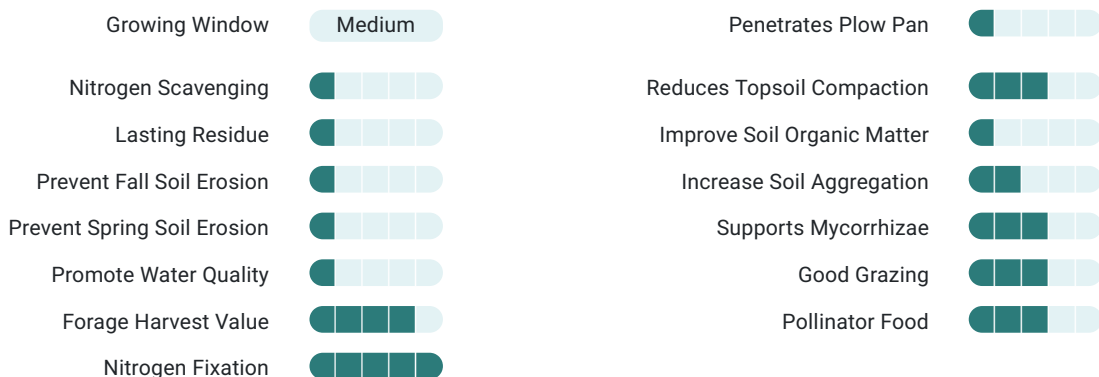
 View Photos

COVER CROP DESCRIPTION

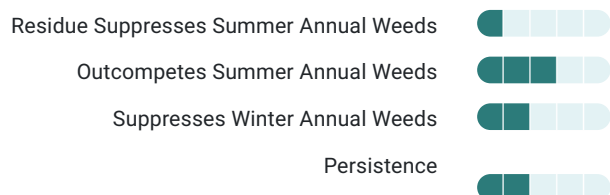
Excellent summer legume. Needs heat to grow well. Very heat and drought tolerant once established, deep taproot, tolerates low fertility. Some shade tolerance. Grows fast, good biomass and forage producer, high N fixation potential, good weed suppressor. Extrafloral nectaries key for beneficial insects. Some suppression for problem nematodes. Low reseeding and weed risk. Inoculate; cross-inoculates with peanut, sunn hemp. Many varieties available: use forage or cover crop cultivars, with bush types for short mixes, vine- or runner- types for tall mixes.



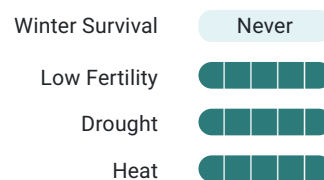
GOALS



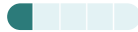
WEEDS



ENVIRONMENTAL TOLERANCES



Volunteer Establishment



Shade



Flood



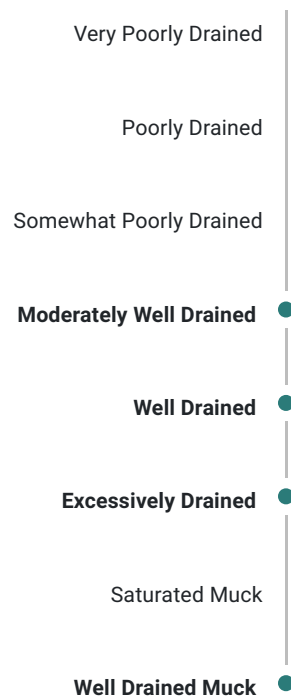
Salinity



BASIC AGRONOMICS

Duration	Annual
Zone Use	Emerging
Shape And Orientation	Semi-Erect
	Climbing
Active Growth Period	Summer
C:N	
Dry Matter (Lbs/A/Yr)	2500 - 4500
Soil Texture	Fine
	Medium
	Coarse
Soil PH	6 - 8
Soil Moisture Use	Medium
Hessian Fly Free Date?	No
Nitrogen Accumulation (Lbs/A/Yr)	70 - 150

SOIL DRAINAGE



GROWTH

Ease Of Establishment	
Establishes Quickly	
Early Spring Growth	
Flowering Trigger	Plant Size
Root Architecture	Tap
Root Depth	Medium
Inoculant Type	Cowpea
	Lespedeza

PLANTING

Seeds Per Lb	3600
Seed Price Per Lb	\$ \$ \$
Base Seeding Rate (Lbs/A)	50 - 90
Drilled Depth	1" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	58

TERMINATION

Tillage At Vegetative	
Tillage At Flowering	
Freezing At Vegetative	
Freezing At Flowering	
Chemical At Vegetative	

PLANTING DATES

Frost Seeding	N/A
Reliable Establishment	06/01 - 07/15
Temperature/Moisture Risk	N/A
Can Interseed	N/A

Chemical At Flowering



Mow At Flowering



Roller-Crimp At Flowering

