

Legume  
**Clover, Balansa**  
*Trifolium michelianum*



## PLANT HARDINESS ZONE 5 DATASET

### COVER CROP DESCRIPTION

Cool-season annual legume. Good N fixer. Good for forage. Blooms attractive to pollinators. Can re-seed if managed for such. Some winter hardiness issues in plant hardiness zone 5a and colder. Can be hard seeded. Slow seedling establishment compared to other clovers but puts on large amount of biomass the following spring, flowering about two weeks later than crimson clover. Similar to berseem clover. Seed with low rate of oats for late summer/fall seeding if erosion is a concern.

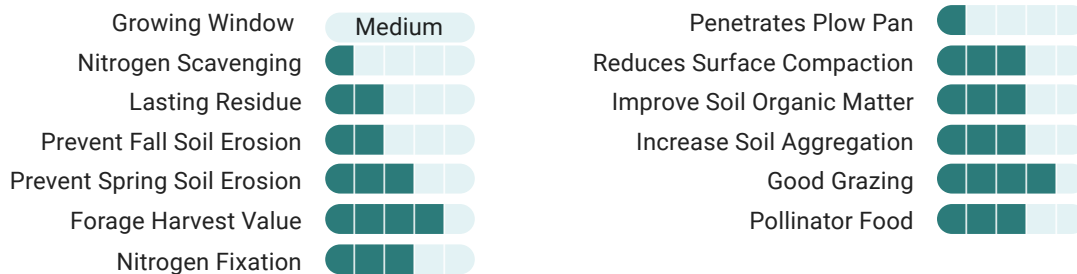


Clover, Balansa - WikimediaCommons [2008]

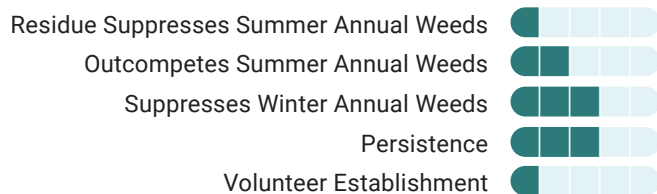


Clover, Balansa - Salon [2020]

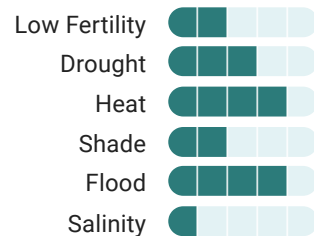
### GOALS



### WEEDS



### ENVIRONMENTAL TOLERANCES



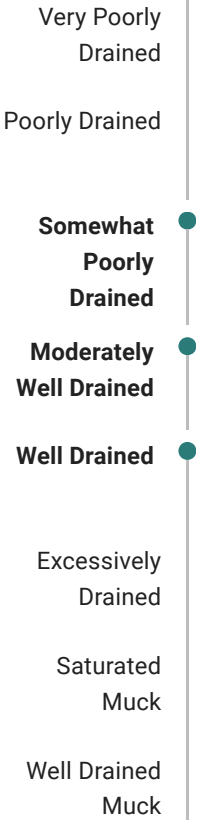


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Growth Traits

Duration	Annual
Zone Use	Emerging
Shape And Orientation	Erect
Dry Matter (Lbs/A/Yr)	1200 - 3000
Soil Texture	Coarse
	Fine
	Medium
Soil pH	5.5 - 7.5
Soil Moisture Use	Medium
Hessian Fly Free Date?	No
Nitrogen Accumulation (Lbs/A/Yr)	70 - 150
Ease Of Establishment	<div><div></div><div></div><div></div><div></div><div></div></div>
Establishes Quickly	<div><div></div><div></div><div></div><div></div><div></div></div>
Early Spring Growth	<div><div></div><div></div><div></div><div></div><div></div></div>
Flowering Trigger	Autumnal Day
Root Depth	Medium
Inoculant Type	Berseem Clover Crimson Clover

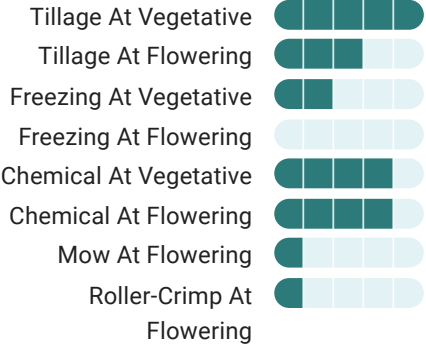
Soil Drainage



Planting

Seeds Per Lb	500000
Seed Price Per Lb	\$ \$ \$
Base Seeding Rate (Lbs/A)	6 - 9
Drilled Depth	0.25" - 0.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	42

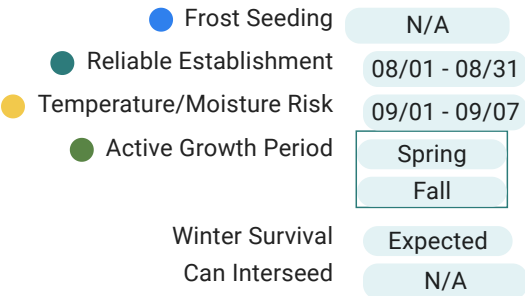
Termination





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Planting and Growth Windows



Extended Comments

**Termination:** If using herbicides to terminate use a tank mixture (e.g., glyphosate + dicamba or 2,4-d)

**Growth, Roots, and Nutrients:** The Balansa clover seed is very small, for successful Balansa Clover establishment the soil should be firm (packed). A small seed, it should not be planted too deep, only up to ¼ inch deep. Most establishment problems have resulted from planting the seed too deep. In mixes, include this in the small box of the drill or adjust the drill accordingly that the seed is not placed too deep.

**Pollinators:** Delay termination until at least 30-50% bloom to maximize value to pollinators.

**Nematodes:** Host for root-knot nematode.

References & Resources