CRIMSON CLOVER TRIFOLIUM INCARNATUM - COOL SEASON ANNUAL LEGUME



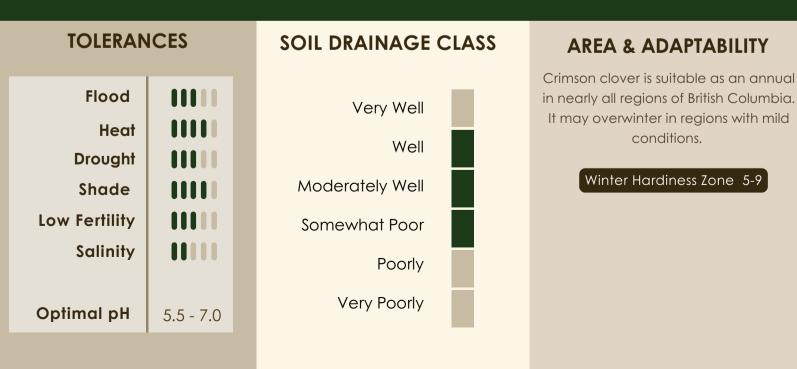
PRODUCTION GOALS

Very

Not

Effective	Effective
Quick Growth	
Lasting Residue	
Soil Builder	
Nitrogen Fixation	
Nitrogen Scavenging	
Erosion Reduction	
Compaction Reduction	
Biofumigation Potential	n/d
Weed Suppression	
Forage Harvest Value	
Grain Harvest Value	

Crimson clover has a medium depth tap root and upright to semi-upright growth habit. Its large colorful flowers attract an array of pollinators. When compared to other clovers, crimson clover has a large seed and better seedling vigour.



Seeding Considerations

Rate Drilled	Rate Broadcast	Depth	Frost Seeding	Minimum Germination Temperature	Seeds #
15-18 lbs/ac (17-20 kg/ha)	22-30 lbs/ac (25-34 kg/ha)	0.25-0.5 in (0.6-1.25 cm)	No	6°C (42°F)	1 40,000 /lb (63,500 /kg)

Use a crimson or berseem clover inoculant to ensure development of rhizobia and adequate nitrogen fixation

Management Considerations

Crimson clover has rapid growth, early spring N release, vigorous reseeding ability, deep red flower colour and abundant nectar production that attracts many bee species. Larger seeds with better seedling vigor than most clovers, later seeding than white or red clover. Compared to hairy vetch it can be earlier-seeded, has more fall growth, and earlier spring bloom. However, it has slower residue breakdown of stems and therefore slower N release.

Termination

To maximize the amount of plant available nitrogen for the next crop, crimson clover should be terminated at the early bud stage. Crimson clover is the easiest clover to kill by mowing and can also be terminated through tillage or the use of herbicides.

Nitrogen Contribution

1.8 - 2.9%

Inter-seeding Potential

Volunteer Establishment

Nitrogen Concentration

Dry Matter Yield

2250-6000 lbs/acre

2520-6720 kg/ha

70-130 lbs/acre 78.4-145.6 kg/ha

References

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Disclaimer



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