

# ALSIKE CLOVER

TRIFOLIUM HYBRIDUM- COOL SEASON PERENNIAL LEGUME



## PRODUCTION GOALS



Not Effective



Very Effective

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

Alsike clover is a short-lived cool season perennial with an upright to semi-upright growth habit and a taproot. Alsike clover does well in areas with high soil moisture. Alsike clover can be potentially toxic to some livestock species, and care should be taken when grazing.

## TOLERANCES

Flood	
Heat	n/d
Drought	
Shade	
Low Fertility	n/d
Salinity	
Optimal pH	n/d

## SOIL DRAINAGE CLASS

Very Well	
Well	
Moderately Well	
Somewhat Poor	
Poorly	
Very Poorly	

## AREA & ADAPTABILITY

Alsike clover is suitable for all regions of British Columbia. It can handle harsh winters with adequate snow cover.

Winter Hardiness Zone 4-9

# Seeding Considerations

Rate Drilled	Rate Broadcast	Depth	Frost Seeding	Minimum Germination Temperature	Seeds #
6-12 lbs/ac (7-13 kg/ha)	8-14 lbs/ac (9-16 kg/ha)	0-0.5 in (0-1.25 cm)	Yes	n/d	680,000 /lb (308,000 /kg)

Inoculation type: Use red or white clover inoculant to ensure rhizobia development and adequate nitrogen fixation.

## Management Considerations

Alsike clover can be slow to establish and a nurse crop can be beneficial for weed control. It is also prone to lodging and difficult to dry for hay production.

In some environments, alsike clover can be weedy in nature. It establishes better on acidic soils than red clover, but is generally lower yielding.

Alsike clover can cause photosensitization and big liver syndrome and should not be fed to horses. Photosensitivity can also be an issue with some light-coloured cattle.

<b>Interseeding Potential</b>	No data
<b>Volunteer Establishment</b>	No data
<b>Nitrogen Concentration</b>	2.4%

### Dry Matter Yield

1700-2100 lbs/acre  
1900-2350 kg/ha

### Nitrogen Contribution

No data

## Termination

Alsike clover can be terminated using tillage or the application of a suitable herbicide.

## References

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## Disclaimer

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