PHACELIA

PHACELIA TANACETIFOLIA - COOL SEASON ANNUAL NON-LEGUME BROADLEAF

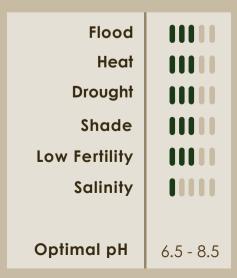


PRODUCTION GOALS

	Not Effective	11111	Very Effective
	Lasting R	esidue	
	Soil	Builder	
N	itrogen F	ixation	n/a
Nitrog	jen Scav	enging	
Ero	osion Rec	duction	
Compa	ction Red	duction	
Biofumi	gation Po	otential	n/d
We	ed Supp	ression	
Forage	e Harves	l Value	
Grai	n Harves	l Value	n/d

Phacelia has an upright growth habit and deep taproot. Phacelia is often used to attract pollinators and other insects due to its long flowering period. Phacelia has a high nitrogen content causing it to breakdown quickly after being incorporated.

TOLERANCES



SOIL DRAINAGE CLASS



AREA & ADAPTABILITY

Phacelia is a suitable spring-seeded annual for all regions of British
Columbia. It is able to tolerate a wide range of conditions making it suitable for many locations and soil types, but it is unlikely to reach full-maturity in most locations.

Winter Hardiness Zone - 9

Seeding Considerations

Rate Drilled	Rate Broadcast	Depth	Frost Seeding	Minimum Germination Temperature	Seeds #
2-10 lbs/ac	2-12 lbs/ac	0.25-0.5 in	No	3°C	108,000 /lb
(3-12 kg/ha)	(3-13 kg/ha)	(0.5-1 cm)		(38°F)	(240,000 /kg)

Phacelia seeds must be buried for germination to occur, broadcasting is not recommended.

Shallow seeding into a firm seedbed will yield the best results.

Management Considerations

Phacelia is often used in blends or as a pure stand to attract pollinators. It has a very high tolerance of a wide range of conditions making it an option for many farms. Inter-seeding PotentialNo dataVolunteer EstablishmentImage: No dataNitrogen ConcentrationNo data

Termination

Phacelia can be terminated through tillage, mowing and chemical application. Decomposition occurs quickly.

Dry Matter Yield

2000-6000 lbs/acre 2240-6720 kg/ha

References

- Elmy, K. 2020. Cover Cropping in Western Canada. Friesen Press.
- Northeast Cover Crop Council. (n.d.)
- U.S. Department of Agriculture. (n.d.). Pacific Northwest Cover Crop Selection Tool.

Disclaimer



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