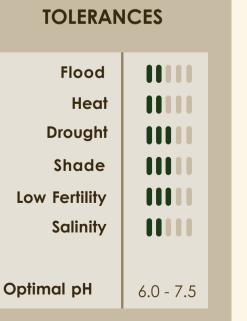
FIELD PEAS PISUM SATIVUM - COOL SEASON ANNUAL LEGUME

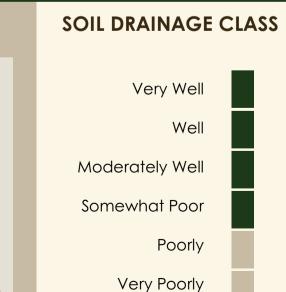


	PROD	UCTION	GOALS
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Not Effective	Very Effective
Quick Growth	
Lasting Residue	
Soil Builder	
Nitrogen Fixation	
Nitrogen Scavenging	
Erosion Reduction	
Compaction Reduction	
Biofumigation Potential	n/d
Weed Suppression	
Forage Harvest Value	
Grain Harvest Value	

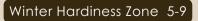
Peas have a prostrate climbing growth habit and medium depth taproot. Peas grow rapidly in cool conditions with adequate moisture and flower early in the season. They can be used as a cover crop, for forage or brought to harvest maturity.





AREA & ADAPTABILITY

Peas are a suitable spring-seeded annual for all regions of British Columbia. Some varieties such as Austrian winter peas can overwinter in mild winter conditions with adequate snow cover.



Seeding Considerations

Rate Drilled	Rate Broadcast	Depth	Frost Seeding	Minimum Germination Temperature	Seeds #
50-110 lbs/ac	60-110 lbs/ac	1-1.5 in	Yes	6°C	900 /lb
(56-125 kg/ha)	(67-125 kg/ha)	(2.5-4 cm)		(42°F)	(2,000 /kg)

Use a pea/vetch inoculant. Peas have a wide range of seed sizes so seeding rate can vary.

Management Considerations

Field peas are commonly used in mixtures with cereals for forage and grazing use where they add tonnage, forage protein and moisture. They are known to work well with oats, barley, triticale and combinations of cereals. They grow best in cool conditions and can tolerate some early spring frosts.

Generally, peas are not as good for weed suppression as grass cereals are, and they require a supporting cereal crop to stand. They do not tolerate mechanic traffic well. There are a wide range of pea varieties available with many focused for food use. Field peas are also available with a fall seeded biennial habit such as Austrian Winter Peas.

Termination

Peas can be terminated through tillage, mowing or a chemical application. They have a rapid breakdown due to their high nitrogen content. To maximize amount of nitrogen available termination should occur at the early bud stage.

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Disclaimer



The information contained in this document is true and accurate to the best of our knowledge without guarantee or warranty of its correctness or completeness. The content is intended to be a general guideline, but the performance of the cover crop(s) may differ from what is described in the document depending on environment and farm operation and may vary between years. The Government of British Columbia and its directors, agents, employees, or contractors will not be liable for any claims, damages, or losses of any kind whatsoever arising out of the use of, or reliance upon, this information.

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