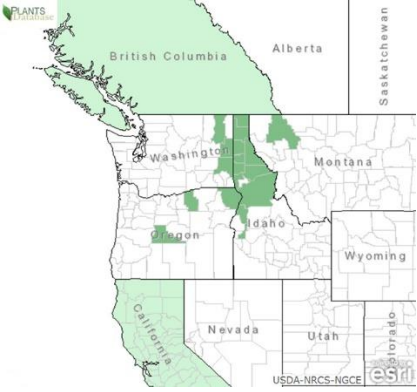



Plant Propagation Protocol for *Lathyrus Bijugatus*

ESRM 412 – Native Plant Production

URL: <https://courses.washington.edu/esrm412/protocols/2024/LABI2.pdf>

TAXONOMY	
Plant Family	
Scientific Name	Fabaceae [3]
Common Name	Pea Family [3]
Species Scientific Name	
Scientific Name	<i>Lathyrus Bijugatus</i> [3] Genus: <i>Lathyrus</i> [9] Species: <i>Bijugatus</i> [5]
Varieties	Information Not Found
Sub-species	Information Not Found
Cultivar	Information Not Found
Common Synonym(s)	<i>Lathyrus bijugatus</i> T.G. White var. <i>sandbergii</i> [5] <i>Lathyrus lanszwertii</i> Kellogg var. <i>sandbergii</i> (T.G. White) Broich [5] <i>Lathyrus lanszwertii</i> Kellogg var. <i>bijugatus</i> (T.G. White) Broich [5]
Common Name(s)	Common names of <i>Lathyrus Bijugatus</i> are drypark pea, Latah tule pea, pine woods peavine, pinewoods sweetpea, peavine and White Pinewoods sweetpea. [3]
Species Code (as per USDA Plants database)	LABI2 [3]
GENERAL INFORMATION	
Geographical range	Canada: BC [4] United States: CA, WA, OR, ID, MT [4]  [8]
Ecological distribution	Dry ground, alpine to subalpine zones [3]
Climate and elevation range	This plant thrives in temperate climate that ranges from warm to cold climates. Their elevation ranges from 780m to 2100m. [3]
Local habitat and abundance	This plant is grown in sagebrush and western needle grass. [3]

Plant strategy type / successional stage	Information Not Found
Plant characteristics	<p>Drypark pea is perennial [2]. It has leguminous forb slender stems that may vine, with two pea-like flowers.[5]</p>  <p>[3]</p>
PROPAGATION DETAILS: FROM SEED	
Ecotype	Prairies Grasslands [5]
Propagation Goal	Plants [6]
Propagation Method	Seed [6]
Product Type	Container (plug) [7]
Stock Type	Information Not Found
Time to Grow	Spring to Summer [5]
Target Specifications	<p>1-30 cm tall [3] 3-4 cm long flowers [3] Roots with rhizomes [1]</p>
Propagule Collection Instructions	Drypark pea is usually collected between July and August.
Propagule Processing/Propagule Characteristics	Plant two seeds in one cavity. [8]
Pre-Planting Propagule Treatments	Information Not Found
Growing Area Preparation / Annual Practices for Perennial Crops	Drypark peas should be planted in soil mixed with compost or manure. [7]
Establishment Phase Details	Information Not Found
Length of Establishment Phase	About 2 weeks [9]
Active Growth Phase	Information Not Found
Length of Active Growth Phase	Information Not Found
Hardening Phase	Information Not Found
Length of Hardening Phase	Information Not Found
Harvesting, Storage and Shipping	Information Not Found
Length of Storage	1 year after planting [7]
Guidelines for Out planting/ Performance on Typical Sites	<p>8 inches apart [7] Sunny flat soiled land [7]</p>
Other Comments	Helps maintain nitrogen in soil. [5]
PROPAGATION DETAILS: VEGETATIVE	
Ecotype	Prairies and grasslands [3]

Propagation Goal	Plants [6]
Product Type	Information Not Found
Stock Type	Information Not Found
Time to Grow	Information Not Found
Target Specifications	1-30 cm tall [5] Bearing 6-12 seeds [5] 3-4 cm long flowers [5] Roots with rhizomes [1]
Propagule Collection Instructions	Information Not Found
Propagule Processing/Propagule Characteristics	Information Not Found
Pre-Planting Propagule Treatments	Information Not Found
Growing Area Preparation / Annual Practices for Perennial Crops	Information Not Found
Establishment Phase Details	Information Not Found
Length of Establishment Phase	Information Not Found
Active Growth Phase	Information Not Found
Length of Active Growth Phase	Information Not Found
Hardening Phase	Information Not Found
Length of Hardening Phase	Information Not Found
Harvesting, Storage and Shipping	Information Not Found
Length of Storage	Information Not Found
Guidelines for Out planting / Performance on Typical Sites	Information Not Found
Other Comments	Drypark pea sprouts from its rhizomes [5]
INFORMATION SOURCES	
References	See below
Other Sources Consulted	<i>Advanced search.</i> Lathyrus bijugatus International Plant Names Index. (n.d.). https://www.ipni.org/n/136054-2 <i>Lathyrus.</i> Lathyrus (Everlasting Pea, Singletary Pea, Sweet Pea, Vetchlings) North Carolina Extension Gardener Plant Toolbox. (n.d.). https://plants.ces.ncsu.edu/plants/lathyrus/
Protocol Author	Natasha Bounma
Date Protocol Created or Updated	05/29/24

References:

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3. *Lathyrus Bijugatus*. *Lathyrus bijugatus: Introduction*. (2021). <https://www.fs.usda.gov/database/feis/plants/forb/latbij/all.html#Taxonomy>
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9. Young, B. (2001). *Native Plant Network — reforestation, nurseries and genetics resources*. *Lathyrus (littoralis)*. <https://npn.rngr.net/npn/propagation/protocols/fabaceae-lathyrus-627/?searchterm=lathyrus>