

Plant Propagation Protocol for *Allium schoenoprasum* var. *sibiricum*

ESRM 412 – Native Plant Production

Protocol URL: [https://courses.washington.edu/esrm412/protocols/\[ALSCS.pdf\]](https://courses.washington.edu/esrm412/protocols/[ALSCS.pdf])

TAXONOMY	
Plant Family	
Scientific Name	Liliaceae
Common Name	Lily family
Species Scientific Name	
Scientific Name	<i>Allium schoenoprasum</i>
Varieties	<i>sibiricum</i>
Sub-species	
Cultivar	
Common Synonym(s)	<i>Allium schoenoprasum</i> ssp. <i>Sibiricum</i> (L.) Celak <i>Allium schoenoprasum</i> var. <i>laurentianum</i> Fernald <i>Allium sibiricum</i>
Common Name(s)	Wild Chives
Species Code (as per USDA Plants database)	ALSCS
GENERAL INFORMATION	
Geographical range	North America and cool regions of Europe ² See above maps for distribution in North America and Washington state ⁴
Ecological distribution	Dry, rocky environments, damp grasslands and woods ²
Climate and elevation range	Arctic regions up to 70 degrees N latitude or in mountainous regions at lower latitudes. Elevation ranging from 0-410m averaging 122m ⁶
Local habitat and abundance	<i>Allium schoenoprasum</i> var. <i>sibiricum</i> is the native variety to North America ⁷ <i>Allium schoenoprasum</i> var. <i>schoenoprasum</i> also occurs in Pacific Northwest but is not native.
Plant strategy type / successional stage	No information
Plant characteristics	Herbaceous perennial with dense clumps of narrow, linear, cylindrical leaves and pink/purple, globe flowers. ²
PROPAGATION DETAILS	
Ecotype	Plants
Propagation Goal	Plants

Propagation Method	Seed
Product Type	Container ³
Stock Type	No information
Time to Grow	Several weeks ³
Target Specifications	30-45 cm ⁵
Propagule Collection Instructions	Bag seedheads to capture ripening seed, allow seedheads to dry on plants; remove and collect seeds, cleaned ⁵
Propagule Processing/Propagule Characteristics	Seed can be successfully stored ⁵ 371,797 seeds per pound ⁸
Pre-Planting Propagule Treatments	If sowing indoors, stratification required. ⁵ 3-4 months. ³ Otherwise none. ⁵
Growing Area Preparation / Annual Practices for Perennial Crops	Sow outdoors in fall from seed All purpose compost ¹ Sew 12” apart ³ Full sun ³ Average water needs ⁵
Establishment Phase Details	Relatively easy to grow. Simply sprinkle seeds on growing material. Germination rate high. ⁸
Length of Establishment Phase	10 days ⁸
Active Growth Phase	April to November ³
Length of Active Growth Phase	April to November ³
Hardening Phase	Perennial plant, all herbaceous material dies after growing cycle, bulblets remain. ³
Length of Hardening Phase	No information
Harvesting, Storage and Shipping	Bulblets will store and easily ship. Chives are among the most portable of plants ³
Length of Storage	N/A
Guidelines for Outplanting / Performance on Typical Sites	No information
Other Comments	N/A

PROPAGATION DETAILS	
Propagation Method	Vegetative: division of roots
Product	Container or bareroot.
Propagule Collection Instructions	Dig up clump and pull apart using hands or small fork. Cut off some top growth. Replant in ground or in pot filled with compost. Keep well watered. Will quickly grow new top growth. ²
INFORMATION SOURCES	

References	See below
Other Sources Consulted	
Protocol Author	Kari Jessett
Date Protocol Created or Updated	04/26/17

Referenced:

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2. Houdret, Jessica, and Andrea Jones. *The Ultimate Book of Herbs & Herb Gardening: A Complete Practical Guide to Growing Herbs Successfully with a Comprehensive, Botanical A-Z Directory of Herbs*. London: Hermes House, 2016. Print.
3. Lima, Patrick, and Turid Forsyth. *Herbs: The Complete Gardener's Guide*. Willowdale, Ont.: Firefly, 2001. Print.
4. *Plants Profile for Allium Schoenoprasum Sibiricum (wild Chives)*. N.p., n.d. Web. 26 Apr. 2017.
5. "PlantFiles: Allium, Wild Chives." *Dave's Garden*. N.p., n.d. Web. 26 Apr. 2017.
6. "Wild Chives - Allium Schoenoprasum - Overview." *Encyclopedia of Life*. N.p., n.d. Web. 26 Apr. 2017.
7. Bailey, L. H. *The Standard Cyclopedia of Horticulture: A Discussion for the Amateur, and the Professional and Commercial Grower ... with Keys to the Natural Families and Genera, Descriptions of the Horticultural Capabilities of the States and Provinces and Dependent Islands, and Sketches of Eminent Horticulturists*. New York: Macmillan, 1942. Print.
8. Sheffield.com. "Allium Schoenoprasum - Herb and Grass Seeds - Chives, Wild Chives." *Sheffields Seeds Online Ltd*. N.p., n.d. Web. 26 Apr. 2017.

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