Plant Propagation Protocol for Symphyotrichum eatonii
ESRM 412 – Native Plant Production
Protocol URL: https://courses.washington.edu/esrm412/protocols/SYEA2.pdf

TAXONOMY			
Plant Family			
Scientific Name	Asteraceae		
Common Name	Sunflower Family		
Species Scientific Name			
Scientific Name	Symphyotrichum eatonii G.L. Nesom		
Varieties	Aster bracteolatus auct. non Nutt. p.p.		
	Aster cordalenus L.F. Hend.		
	Aster eatonii (A. Gray) Howell		
	Aster foliaceus Lindl. ex DC. var. eatonii A. Gray		
	Aster mearnsii Rydb.		
	Aster oregonus auct. non (Nutt.) Torr. & A. Gray		
	Symphyotrichum bracteolatum (Nutt.) G.L. Nesom		
Sub-species	N/A		
Cultivar	N/A		
Common Synonym(s)	N/A		
Common Name(s)	N/A		
Species Code (as per USDA	SYEA2		
Plants database)			
	GENERAL INFORMATION		
Geographical range	Occurring on both sides of the Cascades crest in Washington; southern British Columbia south to California, east to the Rocky Mountains and Great Plains of Canada and the U.S.		
Ecological distribution	Bog, Fen, Wetland		
Climate and elevation range	Streambanks and other moist places from low elevation to moderate elevations in the mountains		
Local habitat and abundance	Grows in moist to wet soils, often near streams.		
Plant strategy type / successional stage	Stress tolerator with rhizomes, early successional/colonizer		
Plant characteristics	Forb, perennial from creeping rhizomes. "An aster with tiny, yellow, radially symmetrical flowers forming a central disk; larger white or pink rays surrounding central disk. Long, thin leaves." (Eaton's Aster, n.d)		

PROPAGATION DETAILS		
Ecotype	N/A	
Propagation Goal	Plants	
Propagation Method	Seed	
Product Type	Propagules	
Stock Type	N/A	
Time to Grow	Plant inside 4-6 weeks before last frost, or if no late-season frost, plant	
	directly in soil when temperature warms up to 65-70°F.	
Target Specifications	N/A	
Propagule Collection	Collect seeds from plants	
Instructions	1	
Propagule	Approx. 1,120,000 seeds per lb. Seeds last for a max of 1 year in cold	
Processing/Propagule	dry storage.	
Characteristics		
Pre-Planting Propagule	Store in an airtight, cool, dark, very dry, cold place. Aster seeds will	
Treatments	remain viable for a max of 1 year.	
Growing Area Preparation /	Sow seeds to a depth of ¼ inch, keep soil cool and moist.	
Annual Practices for		
Perennial Crops		
Establishment Phase Details	N/A	
Length of Establishment	5-10 days	
Phase		
Active Growth Phase	N/A	
Length of Active Growth	N/A	
Phase		
Hardening Phase	N/A	
Length of Hardening Phase	N/A	
Harvesting, Storage and	N/A	
Shipping		
Length of Storage	N/A	
Guidelines for Outplanting /	Height: 2-4 ft	
Performance on Typical		
Sites		
Other Comments		
INFORMATION SOURCES		
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Protocol Author	Stephen Keimach
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