Plant Propagation Protocol for Carex aurea

ESRM 412 – Native Plant Production

TAXONOMY		
Family Names		
Family Scientific Name:	Cyperaceae	
Family Common Name:	Sedge Family	
Scientific Names	, ,	
Genus:	Carex	
Species:	aurea	
Species Authority:	Nutt.	
Variety:	N/A	
Sub-species:	N/A	
Cultivar:	N/A	
Authority for	N/A	
Variety/Sub-species:		
Common Synonym(s):	Carex aurea Nutt.	
Common Name(s):	Golden sedge, golden-fruited sedge ¹	
Species Code:	CAAU3	
GENERAL INFORMATION		
Geographical range (distribution maps for North America and Washington state)	Distribution in North America PLANTS PLANTS CAAU3 CAAU3	
	Distribution in Washington State	

	DI ANTS
	PLANTS CAAU3
Ecological distribution:	Moist to wet fens, bogs, gravel bars, lakeshores and stream banks in
Climate and alexation	all vegetation zones. ²
Climate and elevation	Elevation: 250-8200ft. ² Grows in low to subalpine elevations. ⁵
range	Entire <i>Carex</i> genus can grow in climate zones 5-9.9
Local habitat and	Grows in wet, gravelly sites (gravel bars, lakeshores, stream banks),
abundance:	bogs, fens and seepage meadows. Absent from most of the outer
abundance.	coast. ⁵
Plant strategy type /	Rhizomatous.
successional stage:	
Plant characteristics:	Perennial, tufted herb that grows from long rhizomes. ²
	Distinguishing feature of the <i>Carex</i> genus is that each female flower is enclosed in a sac called the <i>perigynium</i> . ⁶
	Round, golden <i>perigynia</i> distinguish this sedge from other sedges. ⁵
	PROPAGATION DETAILS
Ecotype:	N/A
Propagation Goal:	Plants.
Propagation Method:	Seed or Vegetative.
Product Type:	Propagules.
Stock Type:	
Time to Grow:	N/A
Target Specifications:	1-2ft tall; will spread between 1.5-2ft or more wide. ³
Propagule Collection:	Can take divisions from existing plants in late spring to early
	summer, will likely find them in wet, gravely areas. ³
Propagule	When doing divisions make sure to have more root than shoot, cut
Processing/Propagule	away excess foliage, keep the divisions moist and sheltered from
Characteristics:	environmental factors until established. ⁴
Pre-Planting Propagule	If able to get seeds, need to cold stratify before planting. ⁸

Treatments:	
Growing Area	Pot single rected shoot divisions in pursury had 4
	Pot single rooted shoot divisions in nursery bed. ⁴
Preparation / Annual Practices for Perennial	
Crops:	Divide alarma of next and about in late anning contraction of
Establishment Phase	Divide clumps of root and shoot in late spring early summer. ³
(from seeding to	Competent time described and for the fall if a society and a society 4
germination):	Sow short lived seeds in the fall if possible, or in spring. ⁴
Length of Establishment	N/A
Phase:	8
Active Growth Phase:	Spring and summer. ⁸
	Blooms late April through August. ⁷
Length of Active	4-6 months.
Growth Phase:	
Hardening Phase	N/A
Length of Hardening	N/A
Phase:	
Harvesting, Storage and	N/A
Shipping:	
Length of Storage:	N/A
Guidelines for	Plant into average-rich, moist soil that is well drained. ³
Outplanting /	5 ,
Performance on	
Typical Sites:	
Other Comments:	National Wetland Indicator Status: FACW, OBL.8
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