



(8)

Family Names	
Family Scientific Name:	Lamiaceae (1)
Family Common Name:	Mint (1)
Scientific Names	
Genus:	Scutellaria(1)
Species:	Galericulata (1)
Species Authority:	L. (1)
Variety:	No (1)
Sub-species:	No (1)
Cultivar:	No (1)
Authority for Variety/Sub-species:	NA
Common Synonym	
Genus:	Scutellaria (2)
Species:	Epilobiifolia (2)
Species Authority:	A. Hamilton (2)
Variety:	Pubescens (2)
Sub-species:	None
Cultivar:	None
Authority for Variety/Sub-species:	Benth
General Information	
Common Name:	Marsh Skullcap (1)
Species Code (as per USDA Plants database):	SCGA (1)
Ecotype:	No information.
Date Entered or Updated (MM/DD/YY):	04/08/07

General Distribution (elevation range, ecosystems, etc):	Distribution. Circumboreal, thriving in wet meadows, shores and marshes at moderate elevations. (3) (4) Scutellaria Galericulata is found in all of the Continental U.S. including Alaska but excluding Louisiana, Arkansas, Mississippi, Alabama, Georgia, S. Carolina, and Tennessee. (1)
Propagation Details	
Propagation Goal (Options: Plants, Cuttings, Seeds, Bulbs, Somatic Embryos, and/or Other Propagules):	Skullcap propagation could focus on producing plants for ethnobotanical use or restoration. As well cuttings and seeds could be the goal of propagation for large scale production of skullcap. (5)
Propagation Method (Options: Seed or Vegetative):	Seed is preferred but vegetative is possible. (5)
Product Type (options: Container (plug), Bareroot (field grown), Plug + (container-field grown hybrids, and/or Propagules (seeds, cuttings, poles, etc.))	Skullcap is usually grown from seed or container (plug). (5)
Stock Type:	Unknown
Time to Grow:	Minimum of eight weeks for plug production. (5)
Target Specifications:	Unknown
Propagule Collection:	Four nutlets per flower each produce a single seed. (6) Seeds should be harvestable in September after flowers have turned to seed pods. (6)
Propagule Processing/Propagule Characteristics (including seed density (# per pound), seed longevity, etc):	unknown
Pre-Planting Propagule Treatments (cleaning, dormancy treatments, etc):	Cold Moist stratification for one week at 40-50 degrees Fahrenheit and light are required for germination. (7)
Growing Area Preparation / Annual Practices for Perennial Crops:	Plants should be transplanted into beds 8 to 12 inches apart in rows 1.5 to 3 feet apart. (7) If seeds are sown the plants should be thinned to this spacing once they have several sets of true leaves. (7) The plants can be harvested with a mower up to twice a year and will grow back from their roots. (7)
Establishment Phase:	Plants should be grown 6 to 8 weeks indoors prior to setting out in the field. (7)
Length of Establishment Phase:	6 to 8 weeks. (7)
Active Growth Phase:	April to September. (6)
Length of Active Growth Phase:	6 months. (6)
Hardening Phase:	unknown
Length of Hardening Phase:	unknown
Harvesting, Storage and Shipping:	Plants are harvested with a mower during flowering.

	(7) During harvesting the material should not be allowed to heat up and should be taken to drying as soon as possible. (7) The plant material should be dried at 95 to 100 degrees Fahrenheit for app. 5 days and should be turned frequently.(7) The material should be stored in light proof container in a dark cool room until shipped. It can be shipped in corrugated boxes or woven poly bags. (7)
Length of Storage:	unknown
Guidelines for Outplanting / Performance on Typical Sites:	Skullcap should be planting in areas of constant moisture such as marshes. (7) It does best in fertile soil in full sun or partial shade and is hardy to zone 4. (7)
Other Comments:	Diseases affecting skullcap include leaf spots, stem rot, powdery mildews, root rots, tomato spotted wilt virus, and impatiens necrotic spot virus. (5) (7)
Propagator (Author) That Developed This Protocol	
First Name:	Travis
Last Name:	Baker

Works Cited

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6. Unknown [Internet.] *Scutellaria* L. Skullcap. c2007 [cited 2007 April 8.] Available from <http://72.14.253.104/search?q=cache:V6txOAEDFI0J:www.fs.fed.us/pnw/pubs/gtr513/gtr513d.pdf+collecting+scutellaria+galericulata+seeds&hl=en&ct=clnk&cd=7&gl=us>
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