



Plant Chat

Available Plant Materials for 2018

Cupplant <i>Silphium perfoliatum</i>	
Type	Forb
Material	Seed or Plants
Amount (max)	½ pound seed or 10 plants

The PMC will provide the cupplant seed or plants, evaluation forms, and technology assistance related to establishment. The sponsor and cooperator are responsible for planting/seeding, maintenance and completing evaluations for three years. See Page 2 for species details.

Pollinator Forb Interseeding	
Purpose	Interseed forbs into existing planting
Species	Determine by NRCS and cooperator
Size	1/10 th acre/plot 2 plots/state

The PMC will provide equipment and staff to interseed forbs into existing USDA farm program plantings where increased pollinator forbs are desired. The PMC will provide evaluation forms and technology assistance. The sponsor and cooperator are responsible for purchasing seed, maintenance and completing evaluations for 3 years.

Special Plantings

Limited amounts of other seed or plants may be available for demonstration, education and research.

Foundation Seed

Foundation seed is available to anyone interested in producing conservation grass and forb seed. See page 2 for available species.

To request Cupplant

- complete the NRCS-ECS-9-form
- send completed NRCS-ECS-9 forms to your States Plant Material Contact

To request Pollinator Forb Mix for Interseeding

- Contact your State Plant Materials Contact

To request Special Plantings or Foundation Seed

- contact Wayne Markegard, Plant Materials Specialist at wayne.markegard@nd.usda.gov or the Plant Materials Center at 701-989-6122

State Plant Materials Contact	
Minnesota	Mark Oja USDA, NRCS 375 Jackson Street, Suite 600 St. Paul, MN 55101 mark.oja@mn.usda.gov
North Dakota	Wayne Markegard USDA, NRCS, PMC 3308 University Drive Bismarck, ND 58504 wayne.markegard@nd.usda.gov
South Dakota	Tim Nordquist USDA, NRCS Fld Support Service Center 414 E Stumer Rd, Suite 700 Rapid City, SD 57701 timothy.nordquist@sd.usda.gov

New PMC Telephone Numbers

Staff at the PMC can be reached by dialing the PMC main line at 701-250-4330 and then dialing their new extension numbers listed below. Calls directly to a specific staff can be made by dialing 701+989+new extension number.

STAFF	EXTENSION
Wayne Duckwitz	6116
Nancy Jensen	6118
Wayne Markegard	6122

Available Plant Materials for 2018

Cupplant (*Silphium perfoliatum*)

Cupplant is a native, perennial species of the tall grass prairie region. It grows well in sandy, moist bottomlands, floodplains, near stream beds, and in or adjacent to open woodlands. It has a central taproot and shallow rhizomes and is able to form dense colonies good for wildlife habitat. Cupplant is 3-8 feet tall and forms extensive thick root systems. It is attractive to pollinating insects, an excellent food source for livestock and wildlife and popular as a tall landscape plant. In the Dakota's it is found naturally only in the extreme eastern portion of each state. In Minnesota, it is found primarily in the southern half of the state. The PMC would like to evaluate cupplant in a diversity of plantings to determine its potential uses. The PMC will provide seed and will assist in evaluations.

Suggested plantings: Pollinator plantings, wildlife habitat, riparian zones, prairie restoration, filter strips

When to Seed: Late Spring or Dormant (follow recommended dates in your state for cool season grasses if dormant planted)

Seeding Rate

State	PLS pounds/ac (full rate)	Seeds/ft ² (full rate)	% in Mix (recommended)
Minnesota	10.0	5	1-5
South Dakota	10.0	5	1-5
Minnesota	10.0	5	1-5

Foundation Seed for Certified Seed Production Available for 2018

Cultivar (Variety)	Common Name
<i>Native Grasses</i>	
Badlands ecotype	little bluestem
Bison	big bluestem
Bonilla	big bluestem
Bounty germplasm	big bluestem
Dacotah	switchgrass
Forestburg	switchgrass
Pierre	sideoats grama
Tomahawk	Indiangrass
Red River germplasm	prairie cordgrass
<i>Introduced Grasses</i>	
Mankota	Russian wildrye
Manifest	Intermediate wheatgrass
Manska	pubescent wheatgrass
Reliant	intermediate wheatgrass
Nordan	crested wheatgrass