

SMALL BURNET STANDARDS

(As of February 2017)

Applications for Certification of Small Burnet are due on May 25.

The General Seed Certification Standards, as adopted by the Montana Seed Growers Association, are basic and together with the following specific standards constitute standards for certification of Small Burnet (*Sanguisorba minor*) seed.

I. Land Requirements

- A. **Foundation Seed Production** – Plant breeder seed on land that has not grown or been seeded to small burnet during the previous (4) years.
- B. **Registered Seed Production** – Plant Foundation seed for the production of Registered seed on land that has not grown or been seeded to small burnet during the previous (3) years.
- C. **Certified Seed Production** – Plant Breeder, Foundation or Registered seed for the production of Certified seed on land that has not grown or been seeded to small burnet in the previous (2) years.

II. Isolation

Class	Isolation – distances in feet	
	Fields of <5 acres	Fields of >5 acres
Foundation	800	1,000
Registered	500	800
Certified	300	500

III. Field Standards General

- A. A unit of certification shall be a field; a portion of a field may be certified if the area to be certified is clearly defined.
- B. None of the following noxious weeds are permitted in small burnet: Canada thistle, Russian Knapweed, Whitetop.

Factor	Ratio of Plants- Maximum Permitted		
	Foundation	Registered	Certified
Other varieties and off-types	1/1,000	1/500	1/250
Other Crops (inseparable)	1/2,000	1/1,000	1/500

IV. Field Inspection

- A. Seed fields must have a seedling inspection during the seeding year, to check for volunteer plants, isolation requirements and potential weed contaminants.
- B. Seed fields shall be inspected at flowering to determine varietal purity.
- C. Presence of volunteer small burnet plants shall be cause for rejection or re-classification of a seed field. Fields may be refused certification due to weedy conditions (appearance), poor growth, poor stand, disease, insect damage, and any other condition preventing accurate inspection or creating doubt as to varietal identity. Fields must show reasonable effort has been made to control noxious weeds.

V. Preparation of seed for Final Certification

- A. Cleaning
 - 1. Clean all seed at an approved plant authorized by the MSGA. A list of authorized cleaning plants is available through the MSGA office or website www.mtseedgrowers.org.
 - 2. Seed delivered to the cleaning plant by grower must be identified by variety and Certification number. A copy of the grower's Application for Certification or field inspection form will suffice.
- B. Seed sample for Grade Determination

1. Submit a cleaned, 1pound seed sample bearing positive identification to the Montana Seed Growers Association office for “Certified Grade Determination”.
 2. Use official MSGA seed sample bags obtained by calling the MSGA office.
 3. If multiple lots of the same fields are harvested and cleaned separately, a sample for purity and germination must be submitted for each clean lot.
- C. Tag orders should be noted on the “Conditioner’s Report”. Tags will be issued upon receipt of production fees or at the discretion of MSGA.

VI. Seed Standards

Factor	Standards for each class		
	Foundation %	Registered%	Certification%
Pure Seed (min.)	95.00	95.00	95.00
Inert Matter (max.)	5.00	5.00	5.00
Other Crop Seed (max.)	0.25	0.25	0.50
Prohibited Noxious Weeds ⁽¹⁾	None ⁽²⁾	None ⁽²⁾	None ⁽²⁾
Restricted Noxious Weeds ⁽³⁾	None ⁽²⁾	None ⁽²⁾	None ⁽²⁾
Weed seed (max.)	0.10	0.10	0.20
Germination (min.)	85.00	85.00	85.00

⁽¹⁾ None of the prohibited noxious weeds listed in the General Standards are allowed in any class of seed

⁽²⁾ “None” means none found in the sample submitted

⁽³⁾ Seed Restricted Noxious Weed list in the General Standards. Docks shall also be included