

LENTIL STANDARDS

(As of February 2017)

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 lentil (*Lens culinaris*) seed.

Application for Certification of lentils are due May 25.

I. Land Requirements

To be eligible for the production of foundation seed, a field must not have been planted to lentils for four (4) years, for registered seed, three (3) years, and for certified seed, two (2) years, unless the previous crop was under certification and of the same variety and class.

II. Isolation

- A. A field producing foundation seed must be at least 25 feet from fields of any other variety or fields of the same variety not meeting genetic purity requirements for certification.
- B. A field producing registered seed must be at least 25 feet; certified must be at least 10 feet from fields of any other variety or fields of the same variety not meeting genetic purity requirements for certification.

III. Field Standards - General

The unit of certification shall be a field, or a portion of a field separated from the remainder by a definite boundary of five (5) feet or more.

IV. Field Standards - Specific

Factor	Ratio of Plants - Maximum Permitted		
	Fdn	Reg	Cert
Other Varieties*	None ¹	0.05%	0.10%
Other Crops (inseparable)	None ¹	0.05%	0.10%

¹ "None" means none found during the normal inspection procedures.

"None" is not a guarantee to mean the field inspected is free from this factor.

* Other Varieties will be considered to include plants that can be differentiated from the variety being inspected. However, other varieties will not include variations which are characteristic of the variety.

V. Field Inspection

Seed fields must be inspected once prior to harvest, preferably at flowering time when varietal purity can best be determined. 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.

VI. 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, ½ pound 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 from 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.

VII. Seed Standards

Factor	Fdn %	Reg %	Cert %
Pure Seed	99.00	99.00	99.00
Inert Matter	1.00	1.00	1.00
Other Crop Seed	0.10	0.10	0.10
Weed Seed	0.05	0.05	0.05
Noxious Weeds ²	None	None	None
Germination	85.00	85.00	85.00

¹ "None" means none found in the sample submitted.

"None" is not a guarantee to mean the lot inspected is free of the factor.

² None of the noxious weeds listed in the General Standards, whether prohibited or restricted.

Note: Seed labelers must have an Aschochyta disease test on a sample from the seed lot before final certification. Test results must be included on the tag or bulk seed sales certificate.