

HEMP SEED CERTIFICATION STANDARDS PRODUCED IN GREENHOUSES
NON CHEMICALLY ASSISTED

Dioecious Plants

I. Application of Genetic Certification Standards

- A. The general requirements for seed certification found in Section I through IV of the Genetic and Crop Standards apply to Hemp seed production and together with the following specific standards, constitute the certified Hemp standards.
- B. The Genetic Standards are modified as follows:
 - 1. Definitions
 - a. A line - line or population which produces pollen
 - b. B line - female line or population which produces no male flowers
 - 2. Designation of Classes of Seed
 - a. Only the certified seed class is recognized.
 - 3. Unit of Certification
- C. Hemp seed of only one variety may be produced in a greenhouse or greenhouse complex without special documented permission of the certifying agency.

II. Seed Requirements

Breeder or Foundation seed must be used to establish all plants used for greenhouse production.

- A. A and B lines must remain consistent, (no change), for the life of variety.
- B. Recurrent parents must remain consistent, (no change), for the life of the variety.

III. Inspections

- A. Two or more inspections may be required to validate variety identity, off type plants, male flower absence.

B. Isolations

Hemp seed production must be isolated by 15,278 feet from any contaminating source or if produced off cycle of commodity or other seed production, no isolation is required except in Section I., B., C., above.

C. The table below indicates the maximum number of plants of other varieties or off-type plants permitted per 10,000 plants in the crop inspected.

Maximum Off-Type Plants ***

<u>Inspected Crop</u>	<u>Off-types/Other Varieties/Plants with Male Flowers</u>
Hemp	Maximum 20 per 10,000

IV. Seed Standards

Pure seed (minimum)	98.00%
Inert matter (maximum)*	2.00%
Weed Seed (maximum)	0.10%
Total other crop seeds (maximum)	0.08%
Other varieties (maximum)	0.05%
Other Kinds (maximum)**	0.07%
Germination (minimum)	80.00%

* Inert matter shall not include more than 0.5 percent of material other than seed fragments of the variety under consideration.

** Other kinds shall not exceed 2 per lb.

V. Additional Declarations

A. The certifying agency may require a certificate from an accredited laboratory documenting percent feminization.

*** Suggested Procedure:

The inspector makes six counts of 10,000 plants per count in the field or greenhouse to be certified to determine the number of impurities.