# Rules of

## Department of Agriculture

### Division 70—Plant Industries

#### Chapter 17—Industrial Hemp

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Title 2—DEPARTMENT OF AGRICULTURE
Division 70—Plant Industries
Chapter 17—Industrial Hemp

2 CSR 70-17.010 Definitions

PURPOSE: This rule lists definitions for Chapter 17.

The terms defined in sections 195.010 and 195.740, RSMo in addition to other relative terms pertaining to the industrial hemp agricultural pilot program will be applied for use in 2 CSR 70-17.010 to 2 CSR 70-17.120.

1. Agricultural Hemp Seed Production Permit—permit issued by the Missouri Department of Agriculture to registered growers and handlers engaged in the production of agricultural hemp seed that:
   (A) Is sold or intended to be sold to registered growers for planting; or
   (B) Remains capable of germination.

2. Applicant—a person, joint venture, or cooperative who submits an application for registration as a grower and/or handler.

3. CBD—cannabidiol.

4. Certificate of analysis—a certificate from an independent testing laboratory describing the results of the laboratory’s testing of a sample.

5. Certified agricultural hemp seed—seed for which a certificate or any other instrument has been issued by an agency authorized under the laws of any country, state, territory, or possession of the United States to officially certify seed and that has standards and procedures approved by the Association of Official Seed Certifying Agencies (AOSCA) to assure the genetic purity and identity of the seed certified.

6. Cooperative—organization that is owned and run jointly by its members, who share the profits or benefits.

7. Delta-9 THC—delta-9 tetrahydrocannabinol.

8. Department—The Director of the Department of Agriculture and all department employees.

9. Destroy/destruction—rendered unusable by burning or incorporating with other materials in a manner approved by the Missouri Department of Agriculture.

10. Grower registration—registration issued by the Missouri Department of Agriculture to applicants for production and cultivation of industrial hemp.

11. Handler registration—registration issued by the Missouri Department of Agriculture to applicants for processing industrial hemp into publicly marketable hemp products.

12. Harvest—the termination of the cultivation process.

13. Hemp extract—an extract from a cannabis sativa L. plant or a mixture or preparation containing cannabis sativa L. plant material that is composed of no more than three-tenths of one percent (0.3%) delta-9 THC on a dry weight basis.

14. Independent testing laboratory—a laboratory:
   (A) With respect to which no person having a direct or indirect interest in the laboratory also has a direct or indirect interest in a business that:
       1. Cultivates, processes, dispenses, or sells industrial hemp or marijuana;
       2. Processes or sells hemp extract, CBD, or other similar substance in another state or jurisdiction; and
   (B) That is accredited as a testing laboratory to International Organization for Standardization (ISO/IEC) 17025 by a third party accrediting body such as the American Association for Laboratory Accreditation (A2LA) or Assured Calibration and Laboratory Accreditation Select Services (ACLASS).

15. Industrial Hemp—as defined in section 195.010 (24), RSMo.

16. Joint venture—a commercial enterprise undertaken jointly by two (2) or more persons that otherwise retain their distinct identities.

17. Person—includes, but is not limited to, a natural person, sole proprietorship, partnership, limited liability corporation, limited liability partnership, company, corporation, association, government agency or governmental subdivision, business, or non-profit organization.

18. Plot of Land—means a contiguous parcel of land registered with the department on which a registrant plans to cultivate industrial hemp.

19. Propagule—any viable nonseed plant material used to cultivate industrial hemp, including transplants, cuttings, and/or clones.

20. Publicly marketable hemp product—any industrial hemp product that does not include any living hemp plants, viable seeds, viable roots, viable leaf materials, or viable floral materials, and contains no material with a delta-9 THC concentration exceeding three-tenths of one percent (0.3%) on a dry weight basis.


2 CSR 70-17.020 Industrial Hemp Pilot Program Registration Application (Grower and Handler Application Requirements, Selection Process, Application Period, and Fees)

PURPOSE: This rule explains the grower and handler application requirements, selection process, application period, and fees.

1. Each applicant for an Industrial Hemp Agricultural Pilot Program Grower and/or Handler Registration must complete and submit an application for registration on a form provided by the department. Applications must be postmarked by the deadline for closing the application period. Notice of the open application period will be posted on the department’s website.

2. Growers engaged in the production and cultivation of agricultural hemp seed shall obtain an agricultural hemp seed production permit.

3. Handlers engaged in the processing and/or distribution of agricultural hemp seed to registered growers shall obtain an agricultural hemp seed production permit.

4. Growers and/or handlers must apply for separate registrations for each plot of land, location, facility, or establishment where industrial hemp will be grown or handled.

5. Completed applications must provide the following information:
   (A) The complete legal name, mailing address, email, and phone number of the applicant;
   (B) The applicant’s state of residence or state in which the entity is domiciled;
(C) Type of business entity: person, cooperative, or joint venture;
(D) Type of registration: grower or handler;
(E) Request for Agricultural Hemp Seed Production Permit, if applicable;
(F) Legal description, street address, and Global Positioning System (GPS) coordinates for the plot of land used for cultivating industrial hemp and the industrial hemp storage facility location, if applicable;
(G) Legal description, street address, and Global Positioning System (GPS) coordinates for the industrial hemp processing facility and industrial hemp storage facility location, if applicable;
(H) An industrial hemp production, research, and marketing plan;
(I) The application for a grower registration must include submission of:
   1. Any evidence of row crop, nursery, or greenhouse experience for the department’s consideration, such as a copy of an IRS Schedule F federal tax form for at least one (1) of the past three (3) years, the applicant’s farm serial number (FSN) issued by the United States Department of Agriculture-Farm Service Agency, or evidence of agricultural education;
   2. A detailed map of the plot on which the applicant plans to grow industrial hemp, showing the boundaries and dimensions of the growing area in acres and the location of different varieties within the growing area;
   3. Requested number of acres for production and cultivation of industrial hemp; and
   4. Documentation verifying any non-certified agricultural hemp seed to be planted is enrolled in the Missouri Crop Improvement Association’s certification program.

(6) Applications must be submitted along with a nonrefundable application fee of one hundred dollars ($100) per type of registration, made payable to the Missouri Department of Agriculture. Institutions of higher education are exempt from the application fee.

(7) The department shall notify applicants by letter or email whether the application has been denied or conditionally approved. A person, cooperative, or joint venture shall not be a participant in the department’s pilot program until the applicant has executed a grower registration agreement, paid all registration fees, and received from the department an issued registration.

(8) The department will select applicants for a grower registration by scoring the following factors:
(A) Application for registration;
(B) Applicant’s row crop, nursery, or greenhouse experience;
(C) Detailed map of the plot of land on which industrial hemp will be cultivated; and
(D) Applicant’s industrial hemp production, research, and marketing plan.

In the event there is a tie between applicants for a grower registration, the department will select the applicant that received the highest score on row crop, nursery, or greenhouse experience. If a tie score still remains, the department will select the applicant that received the highest score on the industrial hemp production, research, and marketing plan.


2 CSR 70-17.030 State and Federal Criminal History Background Check (When Required, Process, and Fees)

PURPOSE: This rule explains the state and federal criminal history background check requirements.

(1) Each applicant for a grower and/or handler registration must complete and pay for a state and federal criminal background check for initial registration and renewal.

(2) All required state and federal criminal background checks shall be delivered to the department with the application for registration.

(3) All required state and federal criminal background checks must be submitted along with the application for registration renewal.

(4) Failure to submit all required state and federal criminal background checks with the application or the request to renew the registration shall be grounds for denial of registration.


2 CSR 70-17.040 Industrial Hemp Pilot Program Grower and Handler Registration Agreement

PURPOSE: This rule explains the grower and handler registration agreement requirements.

(1) The following terms, conditions, and requirements shall be included in the registration agreement and will be provided to the selected applicants for signature. Applicants shall acknowledge and agree:
(A) The department is implementing an industrial hemp agricultural pilot program to study the growth, cultivation, processing, feeding, and marketing of industrial hemp;
(B) They are the legal authorized representative responsible for representing the person, joint venture, or cooperative;
(C) To comply with applicable laws and regulations;
(D) They have the legal right to plant, grow, cultivate, produce, handle, process, and store industrial hemp on the plot of land;
(E) No plot of land may contain industrial hemp plants or parts thereof that the registered grower and handler knows or has reason to know are of a variety that will produce a plant that when submitted for laboratory analysis will test above three-tenths of one percent (0.3%) delta-9 THC concentration on a dry weight basis. No registered grower or handler shall use any such variety for any purpose associated with the department’s industrial hemp agricultural pilot program;
(F) All acres for which the application was approved must be planted with industrial hemp. All acres must be planted with—
   1. Certified agricultural hemp seed;
   2. Seed retained from the registered grower’s previous year’s crop;
   3. Seed enrolled in the Missouri Crop Improvement Association’s certification seed program; or
   4. Seed or propagules from industrial hemp varieties approved by the department. The list of approved varieties will be published on the department’s website.
(G) All application, registration, permit, and inspection fees are nonrefundable;
(H) The grower registration, handler registration, and/or agricultural hemp seed permit is valid for a three (3) year term, subject to applicable annual renewal fees;
(I) To pay all fees as established in the applicable laws and regulations;
(J) To pay within thirty (30) days of the date of the invoice any inspection and laboratory analysis costs that the department deems necessary;
(K) To allow entry to all land and structures for the purpose of inspection, investigation,
and sampling of industrial hemp plants by the department and law enforcement agencies, with or without cause, for compliance and enforcement of the applicable laws and regulations;

(L) To destroy without compensation:
1. Any material found to have a measured delta-9 THC content in excess of three-tenths of one percent (0.3 %) on a dry weight basis;
2. Industrial hemp plants located in an area that is not identified on the application for registration;

(M) To adhere to the terms of the application for registration as approved by the department, including conducting the applicant’s activities, such as growing or handling, at only the locations listed on the application and approved by the department;

(N) Not to plant industrial hemp within any other crop, except a cover crop, without written permission from the department;

(O) To hold the department harmless, release the department from liability, and waive the right to sue the department for any claims arising from industrial hemp or associated activities;

(P) That any time industrial hemp is in transit, the transporter shall have in their possession a copy of the grower registration, handler registration, and/or agricultural hemp seed permit for inspection upon request of the department or a law enforcement agency;

(Q) To notify the department of any interaction with law enforcement regarding requirements of the applicable laws and regulations. Notification must be made within forty-eight (48) hours by phone and in writing within five (5) calendar days of the occurrence;

(R) To notify the department and law enforcement of any theft of industrial hemp. Notification must be by phone within forty-eight (48) hours of discovery and in writing within five (5) calendar days of discovery.

(2) Failure to sign the grower and handler registration agreement shall terminate conditional approval of the application.


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2 CSR 70-17.060 Modification of Grower and Handler Applications and Fees

PURPOSE: This rule explains the process of modifying grower and handler applications and the associated fees.

(1) Any applicant, grower, and/or handler requesting to alter the information on the application for registration must submit a new application reflecting the new information.

(2) Any registered grower requesting to change the plot of land location or decrease the total number of acres to be planted must submit a revised application and a nonrefundable fee of two hundred fifty dollars ($250). Institutions of higher education are exempt from this fee.

(3) Any registered grower requesting to alter the application or registration for the purpose of increasing the number of acres to be planted must submit a revised application and a nonrefundable fee of two hundred fifty dollars ($250), plus two hundred dollars ($200) per additional acre. Institutions of higher education are exempt from these fees.

(4) Written approval or registration from the department must be received prior to purchasing, planting, handling, storing, offering for sale, or selling any industrial hemp or agricultural hemp seed at the new location.

(5) Any request to alter industrial hemp production and cultivation, handling, processing, or storage sites must comply with the stipulations found in 2 CSR 70-17.050.


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2 CSR 70-17.070 Industrial Hemp Registration Fees (Renewal of Registrations) and Other Fees

PURPOSE: This rule explains registration and other related fees.

(1) Upon the department’s selection of the application, the applicant will be provided an Industrial Hemp Pilot Program Grower and Handler Registration Agreement to be signed and submitted along with the applicable registration fees. Institutions of higher education are exempt from these fees.

(A) Grower registration fee: five hundred dollars ($500) plus—
1. Forty-five dollars ($45) per acre to be planted.

(B) Handler registration fee: five hundred dollars ($500) plus—
1. For processing the grain component of industrial hemp: five hundred dollars ($500);
2. For processing the fiber component of industrial hemp: five hundred dollars ($500);
3. For processing the leaf and/or floral material component of industrial hemp (hemp extract and/or CBD): three thousand dollars ($3,000); or
4. If processing more than one (1) component, the handler shall pay the fee associated with each component.

(C) Agricultural Hemp Seed Production Permit fee: five hundred dollars ($500).

(2) Registered growers must pay an annual renewal fee of forty-five dollars ($45) per acre for the second and third year of registration.

(3) Registered handlers must pay an annual renewal fee equal to the applicable processing fees listed in this section in (1)(B)1. through 4. for the second and third year of registration.

(4) Agricultural hemp seed production permittees must pay an annual renewal fee of five hundred dollars ($500).

(5) Registrations are effective on the date originally issued by the department and will expire three (3) years after the date of issuance.

(6) Applications for registration renewal must be received no more than one hundred twenty (120) days and no less than thirty (30) days prior to the expiration of the three- (3-) year registration. Registered growers and handlers shall be required to satisfy all requirements for registration as if never before registered,
including completion of an acceptable state and federal criminal background check. Registered growers will be considered first for subsequent three- (3-) year registration renewals.

(7) If unaccounted acres are available for production and cultivation, the department will announce an open application period on the department’s website. During this period, the department will consider new applications and registration modifications for the acreage.

(8) When destruction is required, the department will assess to the registered grower an appropriate destruction certification fee. Such fee shall be paid within thirty (30) days of receiving an invoice.

**AUTHORITY:** section 195.773, RSMo 2018.* Original rule filed Nov. 20, 2018, effective July 30, 2019.


2 CSR 70-17.080 Site Access for Missouri Department of Agriculture (MDA) and Law Enforcement Inspection and Sampling

**PURPOSE:** This rule explains the site access requirements.

(1) The department will provide information to the Missouri Highway Patrol about the registered grower and handler operation as it relates to the growing, cultivation, processing, and storage of industrial hemp at locations as indicated on the application for registration.

(2) Registered growers and handlers shall have no reasonable expectation of privacy from the department or law enforcement, with respect to the plot of land where agricultural hemp seeds, industrial hemp plants, or industrial hemp plant materials are located as indicated on the application for registration.

(3) A registered grower and handler, whether present or not, must permit the department or a representative of any law enforcement agency to enter the plot of land, with or without cause, where agricultural hemp seeds, industrial hemp plants, or industrial hemp plant materials are located or cultivated and any land or structure where agricultural hemp seeds, industrial hemp plants, or industrial hemp plant materials are processed, stored, or held for sale, with or without cause.


2 CSR 70-17.090 Inspection of Site, Crop, and Sampling Requirements for Laboratory Analysis (Responsibilities of Registered Grower and Handler)

**PURPOSE:** This rule explains site inspections, crop inspections, and sampling requirements.

(1) All registered growers and handlers are subject to inspection, investigation, and sampling to verify compliance with the applicable laws and regulations.

(2) Registered growers and handlers shall reimburse the department for all related inspection, investigation, and sampling costs including mileage charged at the federal mileage rate, within thirty (30) days of the invoice.

(3) If the department collects samples for testing, registered growers and handlers shall reimburse the department for all related laboratory analysis costs within thirty (30) days of the date of the invoice.


2 CSR 70-17.100 Sampling Requirements

**PURPOSE:** This rule explains the sampling requirements for the program.

(1) All industrial hemp varieties planted and cultivated within a plot of land must be sampled to ensure compliance with the applicable laws and regulations.

(2) Registered growers must collect samples in accordance with the department’s sampling protocol within fifteen (15) days prior to harvest.

(3) Each variety of industrial hemp must be analyzed by an independent testing laboratory for analysis for delta-9 THC concentration on a dry weight basis.

(4) Sampled plant material from multiple varieties shall not be commingled.

(5) One (1) duplicate composite sample of each variety of industrial hemp must be collected and retained by the registered grower in accordance with established department protocols, to be analyzed if the original composite sample certificate of analysis reports greater than three-tenths of one percent (0.3%) delta-9 THC concentration on a dry weight basis.

(6) Registered growers must maintain a copy of each certificate of analysis as part of the Industrial Hemp Plant Monitoring System for a period of three (3) years from date of analysis.

(A) Registered growers must provide to a registered handler or processor a copy of each certificate of analysis for each variety of industrial hemp distributed or sold.

(B) Registered growers must submit to the department, within three (3) business days of receipt, copies of all certificates of analysis showing a delta-9 THC concentration on a dry weight basis greater than three-tenths of one percent (0.3%) as evidence that the industrial hemp variety is not in compliance with applicable laws and regulations. Upon receipt of each certificate of analysis showing noncompliance, the registered grower will submit the retained duplicate composite sample for that variety from the same plot of land to be immediately delivered to the independent testing laboratory for analysis.

(C) Registered growers must submit to the department, within three (3) business days of receipt, each duplicate composite certificate of analysis. The department will issue to the registered grower an order for destruction for the specific industrial hemp testing out of compliance. Destruction must be completed by the registered grower within ten (10) days of receipt of the department’s order for destruction.

1. The registered grower must maintain a destruction report.

2. The registered grower must submit a copy of the destruction report to the department within three (3) days of crop destruction and the department will notify the Missouri Highway Patrol and local law enforcement of crop destruction.

(7) Registered growers are financially responsible for all costs associated with contracting laboratory services, sample collection, delivery of samples to the independent testing laboratory, and laboratory analysis.
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2 CSR 70-17.110 Industrial Hemp Plant Monitoring System (Records, Reports, and Data Maintained for Cultivating, Sampling, Certificates of Analysis, Storing, Processing, Destruction, and Sale or Distribution of Industrial Hemp)

PURPOSE: This rule explains the industrial hemp plant monitoring system requirements.

(1) All registered growers and handlers must keep and maintain an Industrial Hemp Monitoring System for all records, reports, data, and certificates of analysis relating to the planting, cultivation, harvest, sampling, processing, storage, destruction, sale, or distribution of industrial hemp. All records, reports, data, and certificates of analysis must be kept for a period of three (3) years from the date of each activity.

(2) All hemp monitoring system data shall be available for inspection and auditing at a reasonable time during regular business hours, or upon request in writing. The department shall be furnished complete copies of these records within ten (10) business days of receipt of request.

(3) Contents of an Industrial Hemp Plant Monitoring System include:

(A) Planting Reports—
   1. Registered growers must record, within ten (10) days of planting, a planting report, including the replanting of seeds or propagules on a plot of land. For each industrial hemp variety planted, the planting report shall contain:
      A. GPS coordinates for the plot of land;
      B. The number of acres of each variety planted;
      C. The GPS coordinates for each variety planted; and
      D. The seed bag label or tag, bulk seed certificate, and/or complete variety name of propagule(s).

(B) Sample Analysis Reports—
   1. Certificates of analysis must be kept and maintained for all industrial hemp varieties sampled and tested by an independent testing laboratory. Certificates of analysis must be kept and maintained for a period of three (3) years from date of analysis.
   2. Documentation of the registered grower notification to the department for all certificates of analysis showing a delta-9 THC concentration in excess of three-tenths of one percent (0.3%) on a dry weight basis.
   3. Documentation verifying that copies of certificates of analysis were provided for each industrial hemp variety distributed or sold to a registered handler or processor.

(C) Destruction Reports—
   1. Within three (3) days of crop destruction the registered grower must produce a destruction report, including:
      A. Copy of the department’s order of destruction or a written statement justifying the destruction of an industrial hemp crop;
      B. Number of acres of each variety destroyed;
      C. Date of destruction; and
      D. Method of destruction.

(D) Harvest Reports—
   1. Within ten (10) days of harvest, the registered grower must produce for each industrial hemp variety harvested, a harvest report including:
      A. Date of harvest for each variety;
      B. Number of acres of each variety harvested;
      C. Amount of each industrial hemp variety harvested;
      D. Location of storage;
      E. Date and amount of industrial hemp transferred to each registered handler or processor; and
      F. Name of registered handler or processor, handler registration number and registration expiration date, and processing facility location address.

(E) Handling Reports—
   1. Within ten (10) days of purchase, storage, disposal, or processing, the registered handler must produce:
      A. Copies of industrial hemp purchasing agreements with registered growers;
      B. Copies of all certificates of analysis for all industrial hemp varieties obtained from registered growers;
      C. Inventory reports of each variety of industrial hemp being stored and processed, including:
         (a) Name, address, and phone number of handler;
         (b) Products purchased;
         (c) Quantity of each product purchased; and
         (d) Date of distribution.

(F) Seed Reports—
   1. Within ten (10) days of storing, distributing, or selling agricultural hemp seed, a registered grower or handler with an agricultural hemp seed production permit must produce:
      A. Amount of each variety of agricultural hemp seed the registered grower is retaining from the current season’s crop for next year’s planting;
      B. Amount of each variety of industrial hemp in the registered handler’s inventory and documentation verifying the origin of the agricultural hemp seed;
      C. Distribution and Sales records—
         (I) Name, address, phone number, registration number, and registration expiration date of the registered grower distributing or selling agricultural hemp seed;
         (II) Date of transaction, sale, or distribution;
         (III) Complete variety name;
         (IV) Amount of each variety sold or distributed; and
         (V) Name, address, registration number, registration expiration date, and phone number of registered grower to whom the agricultural hemp seed was distributed or sold.


2 CSR 70-17.120 Revocation of Registration

PURPOSE: This rule explains registration revocations.

(1) The department may immediately revoke a registration or permit if the registered grower, registered handler, and/or signing authority pleads guilty to, pleads nolo contendere to, or is convicted of, any felony.

(2) The department may immediately revoke a registration or permit if the registered grower, registered handler, and/or signing authority admits or is found by the department to have:
   (A) Violated any provision of sections 195.203 to 195.773, RSMo or any regulation promulgated thereunder;
   (B) Made any false statement to the department, the Missouri Highway Patrol, or any law enforcement agency;
   (C) Failed to comply with any order from the department, or any order regarding industrial hemp from the Missouri Highway Patrol or any law enforcement agency; or
   (D) Violated the registration agreement required in 2 CSR 70-17.040.

(3) Any registered grower or handler whose registration or permit has been revoked shall not harvest, process, store, distribute, sell, or remove industrial hemp from any location except as authorized in writing by the department.

(4) The department may schedule a registration revocation hearing after the notification of revocation has been issued.
