

ARTICLE 7. CERTIFICATION FOR DISTRIBUTORS AND USERS OF FERTILIZER MATERIAL

Rule 1. General Provisions

355 IAC 7-1-1 Purpose

Authority: IC 15-16-2-44

Affected: IC 13-13-5-1; IC 15-16-2

Sec. 1. The purpose of this article is to ensure fertilizer materials are distributed and used effectively and safely:

- (1) as plant nutrients through training and education of distributors and users; and
- (2) in a manner that protects water quality;

and acknowledges authorities granted to the Indiana Department of Environmental Management (IDEM) pursuant to IC 13-13-5-1(1). *(State Chemist of the State of Indiana; 355 IAC 7-1-1; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA)*

355 IAC 7-1-2 Applicability

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 2. (a) Except as provided in subsection (b), this article applies to any person that:

- (1) uses fertilizer material for hire on the property of another person for purposes of producing an agricultural crop;
- (2) uses organic fertilizer from a CFO for purposes of producing an agricultural crop; or
- (3) distributes fertilizer material directly to any person described in this subsection.

(b) This article does not apply to any person who:

- (1) uses or distributes less than ten (10) cubic yards or four thousand (4,000) gallons of organic fertilizer obtained from a CFO in a calendar year;
- (2) uses biosolids on land in Indiana that comply with 327 IAC 6.1; or
- (3) distributing *[sic]* inorganic fertilizer to retail facilities.

(State Chemist of the State of Indiana; 355 IAC 7-1-2; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA)

Rule 2. Definitions

355 IAC 7-2-1 Applicability

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 1. The definitions in this rule apply throughout this article. *(State Chemist of the State of Indiana; 355 IAC 7-2-1; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-2 "Agricultural crop" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 2. "Agricultural crop" means any plant or part of a plant, produced primarily for sale, consumption, propagation, or other use by humans or animals. For the purposes of this article, the term does not include turf, trees, or ornamental plantings. *(State Chemist of the State of Indiana; 355 IAC 7-2-2; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-3 "Biosolid" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 3. (a) "Biosolid", as defined in 327 IAC 6.1-2-7, means solid, semisolid, or liquid residue generated during the treatment

of domestic sewage in a treatment works. Examples of biosolid include, but are not limited to, the following:

- (1) Scum or solids removed in primary, secondary, or advanced wastewater treatment processes.
- (2) A material derived from biosolid.
- (3) An industrial waste product that contains domestic sewage or material under subdivision (1) or (2).

(b) The term does not include ash generated during the firing of biosolid in a biosolid incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works. (*State Chemist of the State of Indiana; 355 IAC 7-2-3; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-2-4 "CCH" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 4. "CCH" means a continuing certification hour for certified applicators. One (1) CCH is equivalent to one (1) hour of fertilizer material-related instruction or training that has been evaluated and approved by the state chemist. (*State Chemist of the State of Indiana; 355 IAC 7-2-4; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-2-5 "Certified applicator" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 5. "Certified applicator" means any individual who has been issued a certificate or licensing credential under this article as evidence of the individual's qualifications to use fertilizer material. The term includes both commercial applicators and private applicators. (*State Chemist of the State of Indiana; 355 IAC 7-2-5; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-2-6 "Commercial applicator license" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 6. "Commercial applicator license" means the licensing credential issued annually to a certified applicator who:

- (1) uses; or
- (2) supervises the use of;

fertilizer material for purposes of producing an agricultural crop on the property of another person for hire. (*State Chemist of the State of Indiana; 355 IAC 7-2-6; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA*)

355 IAC 7-2-7 "Confined feeding operation" or "CFO" defined

Authority: IC 15-16-2-44

Affected: IC 13-18-10; IC 15-16-2

Sec. 7. "Confined feeding operation" or "CFO" means any:

- (1) confined feeding of at least:
 - (A) three hundred (300) cattle;
 - (B) six hundred (600) swine or sheep;
 - (C) thirty thousand (30,000) fowl; or
 - (D) five hundred (500) horses;
- (2) animal feeding operation electing to be subject to IC 13-18-10;
- (3) animal feeding operation that causes a violation of:
 - (A) water pollution control laws;
 - (B) any rules of the water pollution control board; or
 - (C) IC 13-18-10; or
- (4) animal feeding operation located outside of Indiana that would be a CFO if located in Indiana.

(State Chemist of the State of Indiana; 355 IAC 7-2-7; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-2-8 "Distribute" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 8. "Distribute" means to:

- (1) offer for sale;
- (2) sell;
- (3) exchange;
- (4) barter;
- (5) supply; or
- (6) offer to supply;

fertilizer material. *(State Chemist of the State of Indiana; 355 IAC 7-2-8; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-9 "Fertilizer business license" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 9. "Fertilizer business license" means the licensing credential issued annually to a person that is engaged in or professes to be engaged in distributing or using fertilizer material on the property of another person for hire. *(State Chemist of the State of Indiana; 355 IAC 7-2-9; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-10 "Fertilizer material" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2-11

Sec. 10. "Fertilizer material", as defined in IC 15-16-2-11, means any substance containing nitrogen, phosphate, potash, or any recognized plant nutrient that:

- (1) is used for the plant nutrient content; and
- (2) has nutrient value in promoting plant growth.

The term includes unmanipulated animal and vegetable manures. *(State Chemist of the State of Indiana; 355 IAC 7-2-10; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-11 "Inorganic fertilizer" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 11. "Inorganic fertilizer" means any fertilizer material:

- (1) manufactured by means of a man-made chemical reaction; and
- (2) that does not contain any plant or animal products, manures or renderings.

For the purposes of this article, urea is considered to be an inorganic fertilizer, not an organic fertilizer. *(State Chemist of the State of Indiana; 355 IAC 7-2-11; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-12 "Manure" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 12. "Manure" means any:

- (1) liquid or solid animal excreta;
- (2) used bedding, litter, waste liquid, or contaminated runoff; or

(3) plant remains or vegetable refuse from processing.

(State Chemist of the State of Indiana; 355 IAC 7-2-12; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA)

355 IAC 7-2-13 "Organic fertilizer" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 13. "Organic fertilizer" means any fertilizer material derived from either plant or animal products or manures containing one (1) or more nutrients (other than carbon, hydrogen, or oxygen) that are essential for plant growth. For the purpose of this article, the term does not include biosolids. *(State Chemist of the State of Indiana; 355 IAC 7-2-13; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-14 "PARP" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 14. "PARP" means a private applicator recertification program of fertilizer material-related instruction or training that has been evaluated and approved by the state chemist. *(State Chemist of the State of Indiana; 355 IAC 7-2-14; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-15 "Person" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2-17

Sec. 15. "Person", as defined in IC 15-16-2-17, means:

- (1) an individual;
- (2) a partnership;
- (3) an association;
- (4) a firm;
- (5) a limited liability company; or
- (6) a corporation.

(State Chemist of the State of Indiana; 355 IAC 7-2-15; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-2-16 "Private applicator certification" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 16. "Private applicator certification" means the licensing credential issued to a certified applicator who:

- (1) uses; or
- (2) supervises the use of;

organic fertilizer for purposes of producing any agricultural crop on property owned, rented, or managed by the employer or the applicator. *(State Chemist of the State of Indiana; 355 IAC 7-2-16; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-17 "State chemist" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 17. "State chemist" means the Indiana state chemist or an appointed agent. *(State Chemist of the State of Indiana; 355 IAC 7-2-17; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

355 IAC 7-2-18 "Trained employee" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 18. "Trained employee" means any individual who:

(1) is operating as an employee, agent, or contractor of a certified applicator; and

(2) has received training required under this article to use fertilizer material under the supervision of the certified applicator.

(State Chemist of the State of Indiana; 355 IAC 7-2-18; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-2-19 "Use" defined

Authority: IC 15-16-2-44

Affected: IC 15-16-2-23

Sec. 19. "Use" means the:

(1) application of fertilizer material on an agricultural crop growing area;

(2) handling of fertilizer materials; or

(3) transportation of fertilizer materials.

(State Chemist of the State of Indiana; 355 IAC 7-2-19; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA)

Rule 3. Credentialing Requirements for Distribution or Use of Fertilizer Material

355 IAC 7-3-1 For hire use of fertilizer material

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 1. All fertilizer material used for hire on the property of another person for purposes of producing an agricultural crop must be used by:

(1) an individual that has a valid commercial applicator license; or

(2) an individual that:

(A) has been trained as provided in section 4(b) of this rule; and

(B) is operating under the supervision of a certified applicator as provided in section 4 of this rule.

(State Chemist of the State of Indiana; 355 IAC 7-3-1; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-3-2 Use of organic fertilizer

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 2. All organic fertilizer from a CFO used for purposes of producing an agricultural crop must be used by:

(1) an individual that has a valid:

(A) commercial applicator license; or

(B) private applicator certification; or

(2) an individual that:

(A) has been trained as described in section 4(b) of this rule; and

(B) is operating under the supervision of a certified applicator as described in section 4 of this rule.

(State Chemist of the State of Indiana; 355 IAC 7-3-2; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-3-3 Distribution of fertilizer material

Authority: IC 15-16-2-44

Affected: IC 15-16-2

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Sec. 3. All fertilizer material distributed for the purpose of producing an agricultural crop must be distributed:

- (1) by a person that has a valid fertilizer business license; and
- (2) to a person that has a valid:
 - (A) fertilizer business license;
 - (B) commercial applicator license; or
 - (C) private applicator certification.

(State Chemist of the State of Indiana; 355 IAC 7-3-3; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA; errata filed Aug 24, 2010, 3:18 p.m.: 20100915-IR-355090812ACA)

355 IAC 7-3-4 Supervision of noncertified individuals

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 4. (a) Fertilizer materials covered by this article may be used by a noncertified trained employee who is working under the supervision of a certified applicator affiliated with the person performing the use or distribution.

(b) The training required in this section shall be as follows:

- (1) Identified and approved by the state chemist.
- (2) Repeated by the noncertified trained employee when that individual moves from one (1) employer to another.

(c) The supervising certified applicator shall be responsible for the following:

- (1) Ensuring that the noncertified employee has received the training required in this section.
- (2) Keeping a record of the training required in this section.
- (3) Providing the supervised noncertified trained employee with the means and instructions to:
 - (A) establish direct voice communication during the use or distribution of fertilizer material; and
 - (B) immediately contact the Indiana department of environmental management to report any fertilizer material spill that may threaten waters of the state.
- (4) Making work assignments to the supervised noncertified trained employee.
- (5) Knowing the status of the work assignments made to supervised trained employee.
- (d) A certified applicator shall supervise not more than ten (10) noncertified trained employees at any time. *(State Chemist of the State of Indiana; 355 IAC 7-3-4; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)*

Rule 4. Applicator Certification Standards

355 IAC 7-4-1 Certification standards

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 1. (a) An individual may become eligible to be a certified applicator by passing the certification examination described in subsection (b).

(b) The certification examination shall be a written, closed book examination developed by the state chemist. The minimum passing score for the examination shall be seventy-five percent (75%) unless another minimum passing score has been established by the state chemist after consideration of the recommendations of the standards committee described in subsection (c).

(c) The state chemist shall appoint a standards committee to develop certification subject matter and standards for the certification examination. Members of this committee shall include, at a minimum, individuals representing the following:

- (1) The state chemist.
- (2) The Purdue University cooperative extension service.
- (3) The inorganic fertilizer industry.
- (4) The organic fertilizer industry.

(d) Certification eligibility shall remain in force from the date of completing the requirements in subsection (a) through December 31 of the fourth year following the year during which the requirements were met.

(e) No examination may be attempted by any individual more than three (3) times in any twelve (12) month period. The twelve (12) month period shall commence on the date that the first examination failure occurs.

(f) The state chemist shall specify examination procedures that must be followed by any individual taking an examination. Failure to comply with these procedures or any unauthorized assistance provided by or received by an individual during the examining period shall be cause for immediate termination of the examining process for all involved individuals and no additional opportunity to take any examinations shall be provided to the involved individuals for a period of five (5) years. (*State Chemist of the State of Indiana; 355 IAC 7-4-1; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-4-2 Certification renewal standards

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 2. (a) An individual may become eligible for certification renewal by completing one (1) of the following:

- (1) The written examination procedures for initial certification established in section 1 of this rule.
- (2) Accumulating at least three (3) fertilizer material CCHs before the expiration of the individual's certification period.
- (3) Attending at least three (3) fertilizer material PARPs before the expiration of the individual's certification period.
- (b) An individual can accumulate CCHs or PARPs only after the individual is certified.

(c) An individual can accumulate a maximum of two (2) fertilizer material CCHs or PARP credits in any one (1) year of the individual's five (5) year certification period.

(d) Credit for accumulating in excess of three (3) fertilizer material CCHs or PARP credits shall not be carried forward to the next certification period.

(e) Eligibility for renewed certification shall remain in force through December 31 of the fifth year following renewal unless revoked or suspended prior to that date. (*State Chemist of the State of Indiana; 355 IAC 7-4-2; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-4-3 Criteria and procedures for approving fertilizer material CCHs and PARPs

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 3. (a) The state chemist shall be responsible for evaluating all instruction and training opportunities submitted for consideration of approval for CCHs or PARP credits.

(b) Training and instruction may be evaluated and approved for both CCHs and PARP credits.

(c) All requests for CCH or PARP approval must be submitted to the state chemist as follows:

- (1) At least twenty-one (21) days prior to the date that the instruction or training event will occur.
- (2) In a format determined by the state chemist.
- (3) By an individual directly responsible for the CCH instruction or training event.
- (4) By the county extension educator with the Purdue Cooperative Extension Service for the PARP instruction or training.

(d) Criteria to be followed by the state chemist for the evaluation of instruction and training events for CCH and PARP approval shall include, but may not be limited to, the following:

- (1) Must be open to all certified applicators.
- (2) Except as provided in subdivision (3), any costs or participation fees to cover expenses incurred by the training providers must be the same for all certified applicators.
- (3) Professional educational organizations claiming Internal Revenue Service 501(c) status and governmental organizations may charge variable participation fees.
- (4) Must not be in-house training.
- (5) The venue must be large enough to accommodate a reasonable number of certified applicators from outside of the immediate organization facilitating the instruction or training.
- (6) Must be open without fee or charge to the state chemist for monitoring.
- (7) Must have an effective mechanism for the person responsible for the training to verify participation of the certified applicator from the start to the conclusion of the CCH or PARP event.
- (8) Must include at least one (1) state chemist approved regulatory topic.
- (9) Subject matter and content must include, but may not be limited to, at least one (1) of the following:
 - (A) Fertilizer material storage.

- (B) Fertilizer material chemistry.
- (C) Fertilizer material equipment calibration and maintenance.
- (D) Fertilizer material use.
- (E) Fertilizer material transportation.
- (F) Fertilizer material application development and implementation.
- (G) Spill response procedures.
- (H) Public and customer safety.
- (I) Public and customer concerns.
- (J) Applicator safety.
- (K) Environmental safety.
- (L) Environmental issues.
- (M) Employee training.
- (N) Associated state and federal laws or regulations affecting fertilizer materials or fertilizer material applicators.
- (10) Subject matter and content must not include any of the following:
 - (A) Product or service sales or promotions.
 - (B) Employee hiring or retention.
 - (C) General business practices.

(State Chemist of the State of Indiana; 355 IAC 7-4-3; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-4-4 Regulatory response to CCH and PARP violations

Authority: IC 15-16-2-44
Affected: IC 15-16-2-49.5

Sec. 4. (a) A certified applicator that makes false or fraudulent reports or in any way misrepresents his or her participation in the certification renewal process shall be subject to the following:

- (1) Revocation of all accumulated CCHs or PARP credits to date.
- (2) Regulatory provisions in IC 15-16-2-49.5.

(b) A person who makes false or fraudulent reports or in any way misrepresents information that is part of the certification renewal process shall be subject to the following:

- (1) Revocation of authority and privilege to participate in any future CCH or PARP events.
- (2) Regulatory provisions in IC 15-16-2-49.5.

(State Chemist of the State of Indiana; 355 IAC 7-4-4; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA)

355 IAC 7-4-5 Applications for license or certification

Authority: IC 15-16-2-44
Affected: IC 15-16-2; IC 15-16-5

Sec. 5. (a) A person applying for a fertilizer business license must submit the following:

- (1) An application to the state chemist on a form provided by the state chemist.
- (2) Except for a person that has paid a pesticide business license fee under IC 15-16-5-48 for the current year, a fee of forty-five dollars (\$45) to the state chemist.

(b) An individual applying for a commercial applicator license must do the following:

- (1) Meet the certification standards described in section 1(a) of this rule.
- (2) Submit an application to the state chemist on a form provided by the state chemist.
- (3) Except for a person that has paid a pesticide commercial applicator license fee under IC 15-16-5-52 for the current year, submit a fee of forty-five dollars (\$45) to the state chemist.

(c) An individual applying for a private applicator certification credential must do the following:

- (1) Meet the certification standards described in section 1(a) of this rule.
- (2) Submit an application to the state chemist on a form provided by the state chemist.
- (3) Except for a person that has paid a pesticide private applicator permit fee under IC 15-16-5-54 for the current certification period, submit a fee of twenty dollars (\$20) to the state chemist.

(d) If the state chemist does not issue a license or certification to a person who applied for a license or certification described under this article, the state chemist shall inform the person in writing of the reason the license was not issued.

(e) A person who has been issued a license or certification under this article:

(1) shall notify the state chemist in writing within ten (10) days after a change in or termination of the person's employment or status as a licensed or certified applicator; and

(2) may apply to the state chemist to transfer or amend the person's license or certification by submitting an updated application form described in this section.

(f) A license issued under subsection (a) or (b) expires on January 1 of each year.

(g) A certification issued under subsection (c) expires on January 1 of the fifth year following the year of issuance. (*State Chemist of the State of Indiana; 355 IAC 7-4-5; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-4-6 Late fees

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 6. A person who:

(1) is required to pay a fee under this article to the state chemist; and

(2) does not pay the fee before the date the fee is due;

shall pay a penalty fee to the state chemist equal to one hundred percent (100%) of the required fee when the person pays the required fee. (*State Chemist of the State of Indiana; 355 IAC 7-4-6; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

355 IAC 7-4-7 Reciprocity; waiver of requirements

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 7. The state chemist may waive all or part of the requirements provided for under section 5 of this rule on a reciprocal basis with any other state agency or federal agency that has substantially the same standards. (*State Chemist of the State of Indiana; 355 IAC 7-4-7; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

Rule 5. Effective Date

355 IAC 7-5-1 Compliance with effective date of rule

Authority: IC 15-16-2-44

Affected: IC 15-16-2

Sec. 1. Full compliance by persons required to be certified or licensed under this rule shall be required not later than January 1 of the second year following adoption. (*State Chemist of the State of Indiana; 355 IAC 7-5-1; filed Jun 28, 2010, 2:27 p.m.: 20100728-IR-355090812FRA*)

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