

2. The time allotted to each topic;
3. The name, address, title and professional qualifications of each instructor;
4. The number of credit hours proposed for the course, in each category or subcategory of pesticide application; and
5. The name, address and telephone number of the person responsible for coordinating the course.

(7) **CERTIFICATION CARDS.** (a) A certification card shall be issued by the department to a private or commercial applicator when the applicator has satisfied all the conditions required for certification. Persons claiming to have satisfied the applicable certification requirements may submit a request for certification to the department. The department shall grant or deny a request for certification within 20 business days after the request is made, provided that the request is accompanied by all requisite information and documentation.

(b) Duplicates of the certification card may be issued by the department to the certified applicator if the applicator's card is lost, stolen, mutilated or destroyed upon payment of costs for duplicating the card.

(8) **SCOPE AND APPLICATION.** (a) This section is applicable to all commercial and private applicators of restricted-use pesticides. It does not apply to persons conducting laboratory type research involving restricted-use pesticides, and physicians or veterinarians using or applying restricted-use pesticides as drugs or medications in the treatment of persons or animals during the course of their normal practice.

(b) This section does not exempt persons certified to use or supervise the use of restricted-use pesticides from other provisions of this chapter as contained in ss. Ag 29.01 to 29.11, or ch. NR 80, or other laws or regulations applicable to the use and application of pesticides.

History: Cr. Register, August, 1978, No. 272, eff. 9-1-78; renum. from Ag 29.15 (2) to (6), (8) and (9), cr. (6), Register, March, 1982, No. 315, eff. 4-1-82; am. (7) (a), Register, December, 1985, No. 360, eff. 1-1-86.

**Ag 29.17 Aldicarb use restrictions; reporting requirements.** (1) **DEFINITIONS.** As used in this section:

(a) "Division" means the agricultural resource management division of the department.

(b) "Point of standards application" means a point of standards application as defined in s. Ag 161.01 (13).

(c) "Prohibition area" means an area in which aldicarb use is prohibited under sub. (8).

(d) "Reliable groundwater test result" means an official groundwater test result as defined in s. Ag 161.01 (8), or a groundwater test result which the department determines to be reliable under s. Ag 161.02 (2). It includes every groundwater test result which was used as a basis for prohibiting aldicarb use under the provisions of s. Ag 29.17 or 29.171, which became effective on or after April 1, 1983.

(2) **GENERAL RESTRICTIONS ON ALDICARB USE.** (a) *Amount and frequency of use.* No pesticide containing the active ingredient aldicarb may

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be applied at a rate exceeding 2 lbs. of aldicarb active ingredient per acre, or to the same application site more than once in any 2 successive years. Sites treated with aldicarb in 1987 may not be treated with aldicarb in 1988.

(b) *Use by certified applicators only.* Pesticides containing the active ingredient aldicarb are classified as restricted-use pesticides. As restricted-use pesticides, they may only be applied by the following persons:

1. A commercial applicator certified in the pest control category pertaining to the type of application being made.
2. A certified private applicator, or a person acting under the direct supervision of a certified private applicator, if the application is not a commercial application.

(c) *Timing of application.* No pesticide containing the active ingredient aldicarb may be applied on potatoes sooner than 28 days after the date of planting or later than 42 days after the date of planting. Potatoes from fields treated with aldicarb may not be harvested sooner than 50 days after the date of treatment.

(3) **REPORT OF INTENDED APPLICATION.** (a) No person may apply a pesticide containing the active ingredient aldicarb unless a report of intended application has been filed with the department at least 45 days before the pesticide is applied. Reports of intended application shall be made on forms provided by the department, and shall specify:

1. The name, address, and applicator certification number of the person making the application.
2. The name and address of the person contracting for the application, if any.
3. The crop on which the pesticide is to be applied, and the pests intended to be controlled by the application.
4. The specific location at which the pesticide is to be applied, including town, range, section and quarter-quarter section.
5. The approximate date on which the pesticide is to be applied.
6. The size of the area to be treated, and the amount of pesticide to be applied.
7. The history of aldicarb applications, if any, to the intended application site for the previous 3 years, specifying the year of each prior application.

(b) No person, other than a person identified on the report of intended application, may perform or supervise the application of a pesticide containing the active ingredient aldicarb. This does not apply to persons working under the direct supervision of a certified private applicator who is identified in the report of intended application.

(c) No person may apply a pesticide containing the active ingredient aldicarb except at the location identified in the report of intended application.

(d) No person may falsify information submitted under this subsection.

(4) DEPARTMENT REVIEW OF PROPOSED APPLICATIONS; EVALUATION OF APPLICATION SITES. Whenever the department receives a report of intended application under sub. (3), the department shall evaluate the proposed application site for susceptibility to groundwater contamination by aldicarb residues. The evaluation shall be based on the relevant environmental characteristics of the proposed application site, including depth to groundwater and soil texture. Site characteristics used in the evaluation shall be determined on the basis of data published by the Wisconsin geological and natural history survey, the U.S. department of agriculture soil conservation service, or other reliable sources.

(5) ALDICARB APPLICATIONS TO CERTAIN SITES PROHIBITED. (a) The department shall, by summary special order, prohibit a proposed aldicarb application if either of the following applies:

1. The proposed application site is within a prohibition area created under sub. (8).

2. In the judgment of the department based on a site evaluation under sub. (4), the proposed application is likely to cause aldicarb residues to be present in groundwater at a concentration of 10 ppb or more at any point of standards application.

(b) A person prohibited from using aldicarb under par. (a)1 may request an exemption from the prohibition. Except as provided in par. (c), the department may not grant an exemption unless the department makes all of the determinations required under s. 94.709 (3) (a) and (b), Stats. The department may require the requester to submit proof that the exemption requirements are met. Exemptions, if any, shall be issued in writing and be signed by the division administrator or the administrator's designee. Every exemption shall contain a specific statement of facts and conclusions which form the basis for the exemption. An exemption under this subsection does not constitute an exemption from any other provision of this section.

(c) Notwithstanding par. (a), the department may authorize the controlled application of aldicarb for research purposes, pursuant to s. 94.709 (4), Stats., as created by 1985 Wisconsin Act 206. Authorizations, if any, shall be issued in writing, and shall describe the scope and basis of the authorization.

(6) ALDICARB APPLICATIONS PROHIBITED AT CERTAIN SITES EXCEPT IN CONJUNCTION WITH GROUNDWATER MONITORING. (a) If a proposed aldicarb application is not subject to prohibition under sub. (5), but the department determines under sub. (4) that the proposed application may cause aldicarb residues to be present in groundwater at a concentration of 2 ppb or more at any point of standards application, the department shall issue a summary special order prohibiting the proposed aldicarb application unless:

1. All of the conditions under par. (b) are met as required in the order; or

2. The owner of the proposed application site, and every other person filing a report of intended application for the site, agrees that future applications to the site may be prohibited based on groundwater test re-

sults obtained from a representative application site chosen by the department, if the groundwater test results at the representative application site show aldicarb residues in concentrations of 10 ppb or more. A representative application site is a site which, in the department's judgment, is similar in its relevant environmental characteristics to the proposed application site described in the report of intended application. Relevant environmental characteristics include the characteristics listed under sub. (4). In determining whether one application site may be considered representative of another, the department shall compare any prior existing concentrations of aldicarb residues which are known to be present in groundwater at the 2 sites.

(b) A summary special order under par. (a)1 shall include all of the following conditions:

1. One or more monitoring wells shall be installed at the proposed application site according to a written plan which is approved in writing by the department prior to the aldicarb application. The plan shall specify:

a. The number and location of the monitoring wells. At least one monitoring well shall be installed for each quarter section of land on which aldicarb is to be applied.

b. The materials from which the monitoring wells will be constructed.

c. The depth of each monitoring well, and the type, length and diameter of the sample screen on each well.

d. The date by which each monitoring well is to be installed.

e. Whether or not each monitoring well will be considered a point of standards application.

2. Groundwater samples shall be collected from each monitoring well under par. (a) and tested for aldicarb residues according to a plan which is approved by the department prior to the aldicarb application. The plan shall specify:

a. The number of groundwater samples to be collected from each monitoring well, and the intended dates of collection.

b. The persons or agencies who will collect the groundwater samples.

c. The laboratory at which the groundwater samples are to be tested for aldicarb residues. Groundwater samples shall be promptly tested for aldicarb residues after the samples are collected. Test methods shall be approved by the department and have a limit of detection at or below one part per billion. Groundwater test results shall be promptly forwarded to the department.

3. The owner of each monitoring well site under par. (a) shall agree in writing, prior to the aldicarb application, that:

a. Groundwater test results obtained from the monitoring well may be used to prohibit future aldicarb applications to the application site, as appropriate pursuant to ch. 160, Stats., and department rules, if the groundwater test results indicate that aldicarb residues are present in groundwater at a concentration of 10 parts per billion or more.

b. The department may at reasonable times, and upon prior notice to the owner of the monitoring well site, inspect the monitoring well and collect groundwater samples from the monitoring well.

(c) This subsection does not apply to controlled applications of aldicarb for research purposes, if authorized by the department under sub. (5) (c).

(7) SUMMARY SPECIAL ORDERS; GENERAL. (a) *How and to whom issued.* A summary special order under sub. (5) or (6) shall be issued to each person identified in the corresponding report of intended application. A summary special order shall be signed by the division administrator or the administrator's designee, and be served in person or by certified mail, return receipt requested.

(b) *Coverage; effective date and duration.* A summary special order under sub. (5) or (6) shall prohibit all proposed applications of aldicarb to the site or sites described in the order, except as specifically provided under sub. (6). A summary special order under sub. (5) or (6) becomes effective on the date of service.

Note: A "proposed application" means an application described in a report of intended application under sub. (3).

(c) *Timely response to notice of intended application.* A summary special order, if issued under sub. (5) or (6), shall be issued within 30 days after a report of intended application is filed with the department. This subsection does not prohibit the department from issuing a summary special order under sub. (5) at a later date, based on new information received more than 30 days after the date on which the report of intended application was received by the department.

(d) *Right of hearing.* Summary special orders are subject to a subsequent right of hearing before the department upon request, as provided in s. 94.71 (3) (c), Stats. Hearings shall be limited to the issue of whether the department has correctly interpreted and applied this section.

(e) *Violations prohibited.* No person may apply aldicarb in violation of a special order issued by the department under this section. No person may violate the terms and conditions of a monitoring agreement under sub. (6).

(8) PROHIBITION AREAS. (a) *General.* A proposed application site is subject to prohibition, for purposes of sub. (5), if the proposed application site is located wholly or in part within a prohibition area under this subsection.

(b) *Creation and scope of prohibition areas.* 1. A prohibition area is created to include every township quarter-quarter section lying wholly or in part within one mile of a point of standards application at which aldicarb residues have been detected in groundwater at a concentration of 10 ppb or more, based on a reliable groundwater test result received by the division at any time before or after April 1, 1988. If the reliable groundwater test result was received by the division before April 1, 1988, the prohibition area is created on April 1, 1988. If the reliable groundwater test result is received by the division after April 1, 1988, the prohibition area is created on the date when the groundwater test result is received by the division. The one mile radius from the point of standards application

shall be calculated from the center point of the township quarter-quarter section in which the actual point of standards application is located.

2. If any prohibition area is contiguous with or overlaps 2 or more other prohibition areas, there is created a new prohibition area which includes each quarter-quarter section any part of which lies within a 2-mile radius of each point of standards application used in determining the need for the contiguous or overlapping prohibition areas.

(9) DISTRIBUTORS AND RETAIL DEALERS OF ALDICARB; RECORDKEEPING AND REPORTING REQUIREMENTS. Distributors and retail dealers shall keep records of aldicarb distributions and sales, specifying the amount of aldicarb product included in each sale or distribution, and the name and address of the purchaser or recipient. During each week in which aldicarb sales or distributions are made by a distributor or dealer, the distributor or dealer shall file a written report with the department, specifying the amount of aldicarb product sold or distributed during that week to each purchaser or recipient, and the name and address of each purchaser or recipient. Reports may be in the form of actual invoice copies or written sales or distribution summaries.

(10) NOTICE OF CONTAMINATION FINDINGS. (a) Whenever the department receives a reliable groundwater test result which indicates that aldicarb residues are present in groundwater at a concentration of one part per billion or more, the department shall give written notice of the groundwater test result to:

1. The Wisconsin department of natural resources and the Wisconsin department of health and social services.

2. The county health department or county nurse, and the county extension agent for the county in which the groundwater sample was drawn.

3. All persons who have filed reports of intended application for aldicarb applications to be made in township quarter-quarter sections located wholly or in part within one mile of the sample point.

(b) Notice under par. (a) shall specify the township and quarter-quarter section in which the groundwater sample was taken, if known, and the concentration of aldicarb residues found in the sample. Notice shall include such explanations and precautionary statements as may be considered appropriate by the department.

(11) GREENHOUSE APPLICATIONS; EXEMPTION. This section does not apply to greenhouse applications of aldicarb.

(12) COMPLIANCE WITH PREVENTIVE ACTION LIMIT NOT NECESSARILY MAINTAINED; REQUIRED DISCLOSURE BY DEPARTMENT. Based on information available to the department, it appears that aldicarb applications to susceptible application sites will result in groundwater contamination exceeding the preventive action limit for aldicarb at points of standards application downgradient from the application sites. Aldicarb applications to many of these sites will be subject to prohibition under sub. (5). In addition, sub. (2) continues current management practice requirements, and sub. (6) creates groundwater monitoring requirements. These combined requirements are designed to limit aldicarb contamination and detect any contamination which may occur. However, these requirements may not be adequate to assure compliance with the preven-

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tive action limit for aldicarb in all cases. If the enforcement standard for aldicarb is unexpectedly exceeded at an individual site, future applications at that site will be subject to prohibition under ch. 160, Stats., ch. Ag 161, and other applicable rules of the department.

**Note:** This notice is given pursuant to the requirements of s. 160.19 (2) (b), Stats. It is intended solely as a disclosure statement, and does not affect or alter any other provision of this section.

**History:** Emerg. cr. eff. 3-15-82; cr. Register, March, 1983, No. 327, eff. 4-1-83; emerg. r. eff. 3-3-86; r. and recr. Register, March, 1988, No. 387, eff. 4-1-88.

**Ag 29.18 Authority.** This chapter is adopted under authority of ss. 93.07 (1), 94.69 and 94.705 (2), Stats., and enforced under s. 94.71, Stats.

**History:** Cr. Register, March, 1982, No. 315, eff. 4-1-82; renum. from Ag 29.17, Register, March, 1983, No. 327, eff. 4-1-83.