

**21—90.28(203C) Polyethylene (polyvinyl) bag storage space.** Polyvinyl bag storage space may, in the discretion of the department, be approved and licensed for the storage of corn on the following bases:

**90.28(1) License period.** A license for polyvinyl bag storage space shall be effective from August 1 to May 1 of the following year. A polyvinyl bag storage space license shall expire each May 1 unless the licensee requests and obtains an extension in accordance with subrule 90.28(2).

**90.28(2) Extensions.** An extension of 90 days may be granted if all of the following requirements are satisfied:

- a. The licensee has requested an original extension or an additional extension no later than 45 days prior to the expiration of the licensing period or extension then in effect.
- b. The bureau has completed an examination of the licensee's polyvinyl bag storage space.
- c. The licensee has paid the bureau for the cost of the examination of the licensee's polyvinyl bag storage space. The payment shall include the equipment cost, sampling cost, labor cost and any additional costs incurred by the bureau in examining a licensee's polyvinyl bag storage space. Payment shall be made and received by the bureau before any extension may be granted.

**90.28(3) Restrictions on extensions.** The licensing period for polyvinyl bag storage space may be extended beyond August 1. However, the extension of a licensing period for polyvinyl bag storage space shall not result in the granting of a new August 1 to May 1 licensing period. As a result, a licensee shall be required to request additional extensions at least 45 days prior to the expiration of the extension then in effect.

**90.28(4) Expiration.** The warehouse operator shall either purchase the corn stored in the polyvinyl bag storage space or remove the corn from the polyvinyl bag storage space prior to May 1 or prior to the expiration of a granted extension.

**90.28(5) Specifications for polyvinyl bag storage space.** All polyvinyl bag storage space shall comply with the following specifications:

- a. The polyvinyl bag shall be a minimum of 8.5 mil or thicker.
- b. The polyvinyl bag shall be white.
- c. The polyvinyl bag site shall be firm and free of objects that could puncture the polyvinyl bag. A gravel base will not be an approved surface.
- d. The following are approved surfaces:
  - (1) Asphalt base.
  - (2) Concrete base.
  - (3) Compacted limestone base.
  - (4) On turf or hay ground that has been mowed to a height (not more than 2.5 inches) not to puncture the polyvinyl bag.
  - (5) Bladed dirt.
- e. Adequate drainage away from the base shall be provided to prevent any water from standing or backing up under the polyvinyl bags.
- f. The polyvinyl bag site shall be free of any spilled grain and tall grass.
- g. The polyvinyl bag must be closed in accordance with the manufacturer's written instructions or so that no deterioration of the stored corn can occur.

**90.28(6) Inspection for licensing.** Polyvinyl bag storage space to be included under a warehouse operator license shall be inspected and licensed before any corn to be stored is placed into the bags.

**90.28(7) Limitations.** Polyvinyl bag storage space may not exceed 30 percent of permanent licensed storage capacity.

**90.28(8) Moisture and quality.** Corn containing more than 14 percent moisture shall not be stored in polyvinyl bags. Corn which does not grade No. 2 or better using the Official United States Standards for Grain shall not be stored in polyvinyl bags.

**90.28(9) Removal from license.** The bureau chief or examiner shall issue written notice to the warehouse operator for any polyvinyl bag which no longer meets the requirements of this rule. Failure of the warehouse operator to place the polyvinyl bag in a suitable condition within a reasonable length of time shall result in the elimination of the polyvinyl bag from coverage from the warehouse operator license. Any polyvinyl bag which has deteriorated to the extent that it is unsuitable for storage shall be immediately

removed from the warehouse operator license until the time that the facility meets the requirements of this rule and has been reinspected.

**90.28(10)** *Periodic maintenance.* The warehouse operator will make such observations of the condition of the polyvinyl bags and the surface temperature of the corn as necessary to ensure the safe storage of the corn in polyvinyl bags. Such observations shall be made at regular intervals.

This rule is intended to implement Iowa Code sections 203C.2, 203C.7, 203C.8, 203C.12, 203C.16, and 203C.18.

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