



Dow AgroSciences

Dow AgroSciences LLC

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FIFRA Section 18 Emergency Exemption

Kerb® SC

EPA Reg. No. 62719-578

For Control of Dodder in Cranberries

Section 18 Emergency Exemption

File symbol: 19MA01

**FOR DISTRIBUTION AND USE ONLY IN MASSACHUSETTS UNDER SECTION 18 EMERGENCY EXEMPTION.
This Section 18 Emergency Exemption is effective May 2, 2019 and expires June 30, 2019.**

- This labeling must be in the possession of the user at the time of application.
- It is in violation of federal law to use this product in a manner inconsistent with its labeling.
- Read the label affixed to the container for Kerb SC insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Any adverse effects resulting from the use of Kerb SC under this emergency exemption must be immediately reported to the Massachusetts Department of Agriculture.

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Environmental Hazards

This product can potentially contaminate surface waters through runoff following application to cranberry. The application water should be retained within the cranberry bog for a period of several days following application to allow for the adsorption, dissipation, and settling of residues.

Directions for Use

General Information

Kerb® SC herbicide may be applied for the control/suppression of dodder (*Cuscuta gronovii*) in cranberry.

Dodder Control in Cranberries

Kerb SC herbicide is recommended for use as a single application at use rates of 2.5 to 5.0 pints of product (1.0 to 2.0 lb active) per broadcast acre. Alternatively, two sequential applications of Kerb SC may be made at a rate of 2.5 pints of product (1.0 lb active) per acre. When making sequential applications, allow a minimum of 20 days between applications. Do not exceed a total of 5.0 pints of product (2.0 lb active) per acre per season as a result of single or sequential applications. Kerb SC may be either applied through the irrigation system (chemigation) or through a boom-spray type applicator (at a spray volume of 20 to 50 gallons of water per acre). Boom sprayer applications should be followed by 0.1 to 0.2 inches of irrigation. Application should be made after the winter flood has been withdrawn and prior to dodder emergence.

Crop Tolerance: Use of Kerb SC in cranberries may impact yields and berry weights. While no statistical differences between treatments for yield or berry weight were reported, the possibility exists for yields and berry weights to be reduced with the use of Kerb SC. A greater reduction may be observed as use rates of Kerb SC are increased.

Additionally, cranberry plants that are under stress as a result of (but not limited to) drought, flooding, heavy rains, splashed soil, excessive fertilizer or soil salts, low soil temperatures, wind injury, hail, frost damage, injury from previously applied pesticides, injury due to other pests (including insects, nematodes, mites, weeds), or diseases may increase the severity of the crop response or impact on yield or berry weight.

Use Restrictions

- Do not apply by aircraft
- Mixers and loaders must use a closed system.
- Growers making applications with a mechanically propelled boom sprayer must use a vehicle with a closed cab.
- Do not apply within 75 days of harvest
- Do not apply more than a total of 5.0 pints (2.0 lbs active) of Kerb SC per acre per season as a result of a single or sequential applications.

Chemigation Use Precautions

1. Apply this product only through irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move.
2. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.
3. A person knowledgeable of chemigation system and responsible for its operation or under supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
4. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
5. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
6. The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
7. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

8. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
9. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
10. Do not apply when wind speed favors drift beyond the area intended for treatment.
11. If you have any questions about calibration, you should contact your State Extension Service Specialists, equipment manufacturers, or other experts.

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R361-032
EPA accepted: 05/02/19
Initial printing