

MAR 1 2004

Barbara J. Kaminski
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268-1054

Subject: Chemigation Use For Cranberries;
Intrepid 2F
EPA Registration No. 62719-442
Application dated July 10, 2003
Letter dated September 9, 2003 with amended labeling

Dear Ms. Kaminski:

The proposed amendment to the registration for the product cited above under the Federal Insecticide, Fungicide And Rodenticide Act, as amended adding directions for use of the product on cranberries by chemigation is acceptable subject to the comments listed below:

- 1) The statement, "A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.", must be added to the directions.
- 2) The statement, "Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year.", must be added to the directions.
- 3) The statement, "Do not apply this product through any other type of irrigation system.", must be added to the directions.

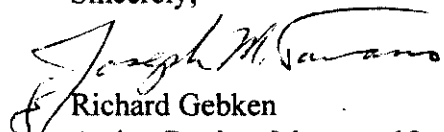
A stamped copy of the draft label is enclosed for your records. Submit two copies of the corrected final label before this product is distributed under this amended label.

Note that the label submitted with the application dated July 10, 2003 along with labeling submitted with an application dated September 11, 2003 and a letter dated July 15, 2003 all for the same use are not acceptable.

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If you have any questions please contact Joseph Tavano at (703) 305-6411.

Sincerely,



Richard Gebken
Acting Product Manager 10
Insecticide Branch
Registration Division(7505C)



Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid* 2F

EPA Reg. No. 62719-442

For Suppression of Lepidoptera Larvae Infesting Cranberry

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid* 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests, Application Rates, Application Timing and Restrictions:

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
blackheaded fireworm gypsy moth <i>sparganothis</i> fruitworm spanworms spotted fireworm	10 - 16 (0.16 - 0.25 lb ai/acre)	Spring (overwintering) generation: Make 1 to 2 applications during the flower bud development period depending on infestation level. Summer generation: Make the first application during the period of peak egg lay to early egg hatch. Reapply 10-18 days later. The higher rates in the recommended rate range and additional applications at 10-18 day intervals may be required for heavy infestations, sustained moth flight, situations in which it is difficult to achieve thorough coverage, and for quicker knockdown of larvae. For control of light to moderate infestations, begin applications before egg hatch of each generation and before the larvae penetrate the fruit. Once applied, the product provides 10- 18 days of protection depending on application rate and how rapidly fruit is expanding.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1.0 lb ai) per acre per season. • Pre-harvest Interval: Do not harvest within 14 days of application.

Ground Application: Apply a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Aerial Application: Apply a minimum of 10 gallons per acre.

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Spray Adjuvants: Spreader/binders may help maximize coverage and distribution of the spray material in some situations.

Endangered Species

Refer to the Endangered Species section of the product label attached to the product container for application restrictions in the states of Michigan and Wisconsin.

Note: This product is toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

Chemigation is allowed for cranberries under the following restrictions:

Chemigation Application: For use only in solid-set sprinkler systems designed specifically for chemigation. Apply through a properly calibrated chemigation system that has the appropriate back flow prevention devices. See the Mixing section of the product label for specific mixing and dilution instructions. Intrepid 2F should be applied in dedicated chemigation cycles only, not as a part of a regular irrigation cycle. Do not exceed 900 gallons of water per acre application volume using just enough water to thoroughly wet the plants but not the soil. Minimum volume should be used for flushout to avoid diluting or rinsing off product. Washout time should not exceed six (6) minutes. Sprinkler heads should be set in a spacing not exceeding 50 feet by 60 feet and adjusted to provide 100% overlap. Crop injury, lack of effectiveness, or illegal pesticide residues can result from non-uniform distribution of treated water.

General Precautions for Applications Through Chemigation Systems

- Do not connect an irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a positive displacement, metering 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.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

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F3B / Intrepid 2F / Sec 3 Supp IR-4 Cranberry Amend / 09-09-03
D06-846-XXX
EPA-accepted ___/___/___
Replaces D06-846-024

ACCEPTED
WITH COMMENTS
In EPA Letter Dated
MAR 1 2004

62719-442