



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 28, 2024

Matthew Bucy, Pesticide Registration & Section 24(c) Specialist
Oregon Department of Agriculture
635 Capitol St., NE
Salem, OR 97301-2532

Subject: FIFRA 24(c) Registration - SLN Amendment Acknowledgment Letter

SLN Registration Number: OR120020

EPA Decision Number: 595981

SLN Expiration Date: December 31, 2028

Product Name: MOCAP® EC Nematicide-Insecticide

Product EPA Reg. No.: 5481-9041

Active Ingredients: Ethoprop

Dear Mr. Bucy:

This letter acknowledges receipt of the notification of the amendment to the above-noted Special Local Need (SLN) registration pursuant to section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. The SLN registration permits use of MOCAP® EC Nematicide-Insecticide (containing ethoprop) in non-bearing blueberries to control garden symphylans in Oregon. You have indicated that the need remains unchanged, and the revised label contains the changes incorporated by the registrant during the registration review process, in accordance with AMVAC's Ethoprop Voluntary Mitigation Agreement of May 2023. Additional revisions to revise the expiration date to December 31, 2028, and minor formatting changes were also made. Other aspects of the use directions remain unchanged.

The Agency has completed a review of the amended use, and acknowledges the State's special local need registration, as amended. Please inform the registrant that we have placed a copy of the amended SLN label in our file. If you have any questions, please contact Andrea Conrath at conrath.andrea@epa.gov.

Sincerely,

A handwritten signature in cursive script, reading "Jennifer Gaines", is positioned below the word "Sincerely,".

Jennifer Gaines, Senior Regulatory Specialist
Minor Use and Emergency Response Branch
Registration Division/Office of Pesticide Programs

cc: Chad Schulze, USEPA Region 10
Dirk Helder, USEPA Region 10 Tribal Coordinator

RESTRICTED USE PESTICIDE

DUE TO ACUTE ORAL, ACUTE DERMAL, ACUTE INHALATION, PRIMARY DERMAL AND PRIMARY EYE TOXICITY

For retail sale to and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.



**Special Local Need
FIFRA 24(c) Label
MOCAP EC NEMATOCIDE-
INSECTICIDE
FOR USE ON NON-BEARING
BLUEBERRIES IN OREGON**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

**THIS LABEL IS VALID UNTIL DECEMBER 31, 2028 OR UNTIL OTHERWISE AMENDED,
WITHDRAWN, CANCELED OR SUSPENDED.**

**EPA Reg. No. 5481-9041
EPA SLN No. OR-120020**

As with any crop-protection product, always read and follow label directions.

MOCAP[®] EC Nematicide-Insecticide

ACTIVE INGREDIENTS:

Ethoprop: (O-Ethyl S,S-Dipropyl Phosphorodithioate) **69.6%**

OTHER INGREDIENTS*: **30.4%**

TOTAL **100.0%**

Contains Petroleum distillates*

(Contains 6 pounds active ingredient per gallon)



KEEP OUT OF REACH OF CHILDREN
DANGER POISON
PELIGRO



PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.
TRANSLATION TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

Fatal if swallowed. Fatal if absorbed through skin. Fatal if inhaled. Corrosive. Causes irreversible eye damage. Do not breathe spray mist. Do not get into eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SYMPTOMS OF POISONING: Nausea, vomiting, abdominal cramps, diarrhea, excessive salivation, headache, dizziness, weakness,

blurring or dimness of vision, excessive tearing, loss of muscular coordination, slurring of speech, twitching of muscles (especially of tongue and eyelids), mental confusion, disorientation, drowsiness, difficulty in breathing (chest tightness), runny nose.

ENVIRONMENTAL HAZARDS

Follow all applicable directions, restrictions, and precautions in the Environmental Hazards section of the label affixed to the main container of MOCAP EC (EPA Reg. No. 5481-9041).

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on this 24(c) SLN label and the main EPA-registered label.

Applicators are required to use coarse or ultra-coarse spray as described according to ASABE S572.1 definition for standard nozzles.

Read entire label before using this product.

SPRAY ZONE APPLICATION RESTRICTION

To mitigate risks to fish and aquatic organisms, a 140 ft buffer must be maintained around streams, ponds, lakes, river, springs, swamps, bogs, marshes, or irrigation canals containing water at the time of application.

Do not allow spray drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands or animals.

Do not apply within 25 feet of residential areas.

Non-bearing Blueberries

Application timing	Pest controlled	Broadcast Rate Quarts/Acre	Application Directions
Pre-plant	Symphyllans	1.33 (2 lbs ai/A)	<p>Method 1 (Preferred) Mix Mocap EC Nematicide-Insecticide with sufficient water and apply broadcast to the soil immediately ahead of equipment, such as a double disc or rotary cultivator, to thoroughly incorporate Mocap EC solution into the top 2 to 4 inches of soil.</p> <p>Method 2 Mix Mocap EC Nematicide-Insecticide with sufficient water and broadcast or band apply solution. Immediately apply 1 to 2 inches of overhead irrigation water to incorporate Mocap EC into soil. If band applying, apply in a band at least 2 feet wide over row.</p> <p>Regardless of method used wait a minimum of 3 days before planting blueberries.</p>
Post-planting	Symphyllans	1.33 (2 lbs ai/A)	<p>Mix Mocap EC Nematicide-Insecticide with sufficient water and broadcast or band apply solution to the soil. Immediately apply 1 to 2 inches of overhead irrigation water to incorporate Mocap EC into soil. If band applying, apply in a band at least 2 feet wide in the plant row.</p> <p>Chemigation Method: Apply Mocap EC Nematacide-Insecticide to prewetted fields through subsurface drip irrigation (SDI) systems with pressure compensating emitters only. The Emission Uniformity (EU) of the drip irrigation system must be at 85 percent or greater (refer to USDA-NRCS Practice Standard Code 441). Emitters below sawdust, mulch or weed mats are considered subsurface.</p> <p>Do not apply through any other type of irrigation system. Follow chemigation with enough irrigation to move Mocap EC into the top 2-4 inches of soil.</p>

BAND WIDTH CALCULATION

$$\left[\frac{\text{*Band Width (feet)}}{\text{Row Width (feet)}} \right] \times \text{Broadcast Acre Rate} = \text{Amount of Product Required per Acre}$$

*For band width, be sure to include both sides of the plant row. E.g. if applying in a 3-ft band on each side of the plant row, band width is 6 ft (2 x 3 ft). 6 ft is the band width used in the calculation.

RESTRICTIONS AND PRECAUTIONS

- Do not make more than one application per year.
- Do not exceed 1.33 quarts (2 lbs/ai) per acre per year.
- Do not apply to established blueberries, blueberries that have been previously harvested, or as a spot treatment to a non-bearing plant within a field of established, bearing plants.
- Do not harvest blueberries treated under this registration for at least 1 year (365 days) starting from the date the product was applied.
- Soil Conditions: Sufficient moisture should be present at application for symphylans to be active in the top 4-6 inches of soil. Volatilization may happen in very dry soils; do not apply to dry soils. To minimize the potential for run-off and to increase efficacy, do not apply Mocap EC to saturated soils.
- Apply by ground equipment only. Do not apply by air or through irrigation systems, other than drip irrigation systems specified on this label.
- Do not apply by any method of application not stated on this 24(c) SLN label.
- To protect endangered avian species, do not use this product in areas of known species occurrence and during the breeding season in those areas.
- A 48 hour restricted entry interval is required.
- Do not graze livestock in treated areas. Do not feed treated crop to livestock.
- Wear Personal Protective Equipment (PPE) listed for applicators and other handlers when making adjustments or repairs on the chemigation system when Mocap EC is in the irrigation water.
- There is no established pesticide residue tolerance for Mocap EC (Ethoprop) on blueberries. Blueberries containing Ethoprop residues will be considered adulterated, and therefore subject to embargo or detainment.
- Do not release spray at a height greater than 20 inches above the ground.

24(c) Registrant:

Amvac Chemical Corporation

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Newport Beach, CA 92660 U.S.A.

(888) 462-6822