



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 15, 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: OR120005

EPA Decision Number: 595999

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 commercially grown Easter lilies to control nematodes. 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 non-substantial 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 NEMATACIDE-INSECTICIDE
FOR USE ON EASTER LILIES GROWN
FOR COMMERCIAL BULB PRODUCTION
IN OREGON**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON (CURRY COUNTY ONLY)

**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-120005

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 24(c) SLN 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 label and the main EPA-registered label.

PRODUCT APPLICATION RATES

The maximum single application rate is 3 lb ai/A, unless nematodes are present. Following a positive test, the maximum single application rate for controlling nematodes is 6 lb ai/A.

		RATE OF MOCAP EC		
CROP	PEST	BANDED (fl oz/1000 row feet)	BROADCAST (Quarts per acre)	APPLICATION DIRECTIONS
Easter lilies grown for commercial bulb production	Nematodes (Including <i>Pratylenchus penetrans</i> and <i>Pratylenchus crenatus</i>)	2.4 – 6.9	2.0 (3 lbs.ai/A)	Apply Mocap EC Nematicide-Insecticide as a low-pressure (below 30 PSI) spray over the planted bulbs in the furrow. Mocap Nematicide-Insecticide should be diluted in 20 or more gallons of water per acre to achieve good coverage. Immediately cover treated area with 2-4 inches of soil. For best results final hilling of treated bulbs should be done as soon as possible.

When using rates > 3 lbs ai/A, product may be applied only to 1/3 of the field at a time in a banded application (The band width must be no more than 1/3 of the row spacing).

RATES OF PRODUCT BY BANDWIDTH AND ROW SPACING IN FL OZ PER 1,000 ROW FT AND LB AI/A.

MAX. BAND WIDTH (INCHES)	ROW SPACING (INCHES)	FL OZ PER 1000 ROW FEET									
		2.4	2.9	3.3	3.9	4.4	5	5.3	5.9	6.8	6.9
		USE RATES AS QUARTS PER ACRE									
11	32	1.2	1.5	1.7	1.9	2.2	2.6	2.7	3	3.5	3.5
12	36	1.1	1.3	1.5	1.8	2	2.3	2.4	2.7	3.1	3.1
13	40	1	1.2	1.3	1.6	1.8	2	2.2	2.4	2.8	2.8
EQUIVALENT RATES AS LB AI/A											
11	32	1.8	2.3	2.6	2.9	3.3	3.9	4.1	4.5	5.3	5.3
12	36	1.7	2.0	2.3	2.7	3.0	3.5	3.6	4.1	4.7	4.7
13	40	1.5	1.8	2.0	2.4	2.7	3.0	3.3	3.6	4.2	4.2



Banded application rates >3.0 lb ai/A

Due to the lack of thresholds available for lilies, a positive soil test for nematodes within 8 months prior to the application is needed in order to use Mocap EC at maximum rates. Growers should use an integrated approach using available cultural, chemical, biological controls as well as surveillance and monitoring of nematode populations, in addition to establishing contact with local research experts in this area of production.

RESTRICTIONS AND PRECAUTIONS

- Do not make more than one application to the same field per crop season.
- For application only by motorized ground boom equipment. Do not apply with liquid backpack sprayers, low-pressure handwand liquid equipment, sprinkler cans or hand-held measuring containers, or by hand-dipping of Lily bulbs. Do not apply by air or through irrigation systems. Do not apply by any method of application not stated on this 24(c) SLN label.
- To protect endangered avian species, do not use the product in areas of known species occurrence and during the breeding season in those areas.
- Applicators are required to use coarse or ultra-coarse spray as described according to ASABE S572.1 definition for standard nozzles.

Spray Zone 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 year-round when making applications of MOCAP EC under this registration.

Do not allow spray to 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.
- Do not release spray at a height greater than 20 inches above the ground.

24(c) Registrant:

Amvac Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660 U.S.A.
1 888 462-6822