



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Rodney C. Akers
Regulatory Manager
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

OCT 25 2012

Product Name: Mepichlor 4.2% Liquid
EPA Reg. No.: 66330-241
Subject: Your amendment dated July 5, 2012: Supplemental label
OPP Decision Number: 467972

Dear Dr. Akers:

The supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following change is made:

1. Add the following statement towards the top of the label:

"This supplemental label expires on October 25, 2015 and must not be used or distributed after this date."

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed supplemental label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in cursive script, which appears to read "William Cutchin", is written over a horizontal line.

William Cutchin
Acting Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosure:

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SUPPLEMENTAL LABELING

MEPICHLOR 4.2% LIQUID

Supplemental Label to Add Directions for Use on Cotton in the State of Kansas

ACTIVE INGREDIENT:

Mepiquat Chloride: N,N-dimethylpiperidinium Chloride.....4.2%

INERT INGREDIENTS:.....95.8%

TOTAL100.0%

Contains 0.35 pounds active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using MEPICHLOR 4.2% LIQUID as permitted according to this supplemental label, read and follow all applicable directions, restrictions, worker protection standard requirements, and precautions on the EPA registered main label for **MEPICHLOR 4.2% LIQUID (EPA Reg. No. 66330-241)**.

This supplemental label must be in the possession of the user at the time of application.

SPRAY VOLUMES

Thorough coverage is required

IN OIL:

Use a minimum total oil volume of 2 pt/A for ultra low volume (ULV) aerial application. Application in oil is permitted only in AL, AR, FL, GA, KS, LA, MO, MS, NC, OK, SC, TN and TX. Use a nonphytotoxic oil concentrate which contains either a petroleum or vegetable oil base, contains only EPA-exempt ingredients, provides good mixing quality in the jar test (see "Compatibility" section), and has been used successfully in your locality. The oil diluent should contain emulsifiers which provide good mixing quality. If the oil does not contain an emulsifier, one must be added during mixing at a volume equal to 3% of the final volume of the mixing tank. Do not apply Mepichlor 4.2% Liquid as ULV without using emulsifiers. If using a vegetable oil based product, only highly refined concentrates should be used.

Mix under constant agitation. Pour one-half of the required volume of oil into the spray tank, followed by the emulsifier (if the oil does not already contain one) at approximately 3% of the final spray tank volume, and then pour in the Mepichlor 4.2% Liquid while the remainder of the oil is added. Constant, moderate agitation is required during and after mixing and during application.

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

OCT 25 2012

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
66330-241**

MEPICHLOR 4.2% LIQUID
Supplemental Label
AD022709N3

**TIME AND RATE OF APPLICATION
SHORT-STAPLE AND LONG-STAPLE (PIMA) COTTON**

Directions for use should be observed as specified below:

I. HIGH RATE SINGLE OR MULTIPLE APPLICATIONS:

Use these instructions when you are not able to start growth regulation treatments early, or when you want to make the fewest number of applications.

AREA	TIME OF APPLICATION	RATE PER ACRE
	First Application	8 to 16 fl oz
AL, AR, AZ, CA, FL, GA, KS, LA, MO, MS, NM, NC, SC, TN, VA	Apply when cotton is actively growing and is between 20 and 30" tall, but not more than 7 days beyond early bloom (5-6 blooms per 25 row feet). Also apply if cotton is 24" tall and has no blooms.	
	Second Application	8 to 16 fl oz
	Make another application in 2 to 3 weeks if additional growth control is desired.	
	Third Application for control of excessive Vegetative Growth	8 to 16 fl oz
	If the cotton field has a history of vigorous growth or a third application 1 to 2 weeks after the second application.	
	Late Season Application	8 to 24 fl oz
	See section titled "Late Season Application of Mepichlor 4.2% Liquid".	

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II. LOW-RATE MULTIPLE APPLICATIONS:

Use these instructions when you want to maintain maximum flexibility in plant regulation treatments.

AREA	TIME OF APPLICATION	EXCESSIVE GROWTH NOT EXPECTED OR LOWER RATES HAVE NOT WORKED IN THE PAST	EXCESSIVE GROWTH EXPECTED OR HIGHER RATES HAVE BEEN NECESSARY IN THE PAST
AL, AR, AZ, CA, FL, GA, KS, LA, MO, MS, NC, NM, OK, SC, TN, TX, VA	First Application:	2 fl oz	4 fl oz
	Apply at the matchhead square ¹ stage of growth.		
	Second Application:	2 fl oz	4 fl oz
	7-14 days later, or when regrowth occurs.		
	Third Application	2 to 4 fl oz*	4 to 8 fl oz*
	7-14 days later, or when regrowth occurs.		
	Fourth Application	2 to 8 fl oz*	4 to 12 fl oz*
	7-14 days later, or when regrowth occurs.		
	Fifth Application	4 to 8 fl oz*	4 to 12 fl oz*
	(If needed): 7-14 days later, or when regrowth occurs.		
	Late Season Application: See section titled "Late Season Application of Mepichlor 4.2% Liquid".	8 to 16 fl oz*	12 to 24 fl oz*

*Use the higher rate if previous application was not made or if growing conditions favor excessive growth.

¹Matchhead square is when the first square of a typical cotton plant is about the size of a match head (about 1/8" in diameter). Make the first application when 50% of the plants have one or more matchhead squares.



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