

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 2 5 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,

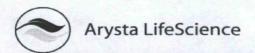
William Cutchin

Acting Product Manager (20)

Fungicide Branch

Registration Division (7504P)

Enclosure:



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:	
TOTAL	100.0%

Contains 0.35 pounds active ingredient per gallon

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 2 5 2012

Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 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 that 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".	000000 00 0 0 0 0 0 0	

MEPICHLOR 4.2% LIQUID Supplemental Label AD022709N3

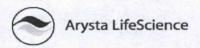
II. LOW-RATE MULTIPLE APPLICATIONS:

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	HIGHER RATES HAVE
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
	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.		
	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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