



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 2, 2016

Ms. Laura Phelps
Product Registration Manager
MANA, Inc.
3120 Highwoods Blvd, Suite 100
Raleigh, NC 27604

Subject: PRIA Label Amendment – Adding New Uses on Avocado and Papaya and
Expanding Existing Tolerances to Include Crop-Group Members
Product Name: Apollo[®] SC Ovicide/Miticide
EPA Registration Number: 66222-47
Application Date: July 16, 2014
Decision Number: 495215

Dear Ms. Phelps:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(A), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. Be aware that proposed data requirements have been identified in the Clofentezine Interim Registration Review Decision. For more information on these proposed data requirements, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide

Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Dr. William W. Jacobs by phone at 703-305-6406, or via email at jacobs.bill@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Venus Eagle', followed by a horizontal line extending to the right.

Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

Enclosure: Stamped label

ACCEPTED

Jun 02, 2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 66222-47

GROUP	10A	INSECTICIDE
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Apollo[®] SC OVICIDE/MITICIDE

A Suspension Concentrate (SC) Formulation for Mite Control on Avocado, Papaya, Apples, Pears, Apricots, Cherries, Grapes (except New York), Peaches, Nectarines, Persimmons, Almonds, Walnuts, Christmas Trees (except California), and Christmas Tree Plantations (except California)

ACTIVE INGREDIENT:	% BY WT
Clofentezine: 3,6-bis (2-chlorophenyl)-1,2,4,5-tetrazine*	42.0%
OTHER INGREDIENTS:	58.0%
	TOTAL 100.0%

*Contains 1 pound of active ingredient per quart.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

NET CONTENTS: _____

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.</p>	

Manufactured for:
Makhteshim Agan of North America, Inc. (d.b.a. ADAMA)
3120 Highwoods Blvd., Suite 100
Raleigh, NC 27604
How can we help? 1-866-406- 6262

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Causes mild eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed or absorbed through skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves made of barrier laminate, butyl rubber (>14 mils), nitrile rubber (>14 mils), neoprene rubber (>14 mils), polyvinyl chloride (PVC, >14 mils), or Viton (>14 mils); and
- Shoes plus socks.
- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4–6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and change into clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply within 100 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish farm ponds. Do not apply when weather conditions favor drift from treated area. Do not allow spray to drift off of crop, especially when spraying outer rows. Always direct spray *into* the orchard. Do not contaminate water when disposing of equipment washwaters or rinsate.

IMPORTANT—Read the entire Directions for Use and Disclaimer of Warranties before using this product.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Clofentazine is unstable under alkaline and moderately acidic conditions and such conditions will result in chemical degradation of the miticide. Buffer the carrier water at or below a pH of 5.0-5.5 before adding this product to the spray tank.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, poly-vinyl chloride (PVC), or Viton
- Shoes plus socks

USE RESTRICTIONS

DO NOT MAKE MORE THAN 1 APPLICATION OF APOLLO SC PER YEAR.

Do not graze livestock in treated areas or harvest cover crop for livestock feed.

Do not apply this product through any type of irrigation system.

Do not apply by air.

USE INFORMATION

APOLLO® SC is a specific miticide, which acts as an ovicide. APOLLO SC is not disruptive to beneficial insects and mites. It has good residual activity on European red mites, McDaniel mites, Pacific spider mites, two-spotted spider mites, Eriophyes and Yellow spider mites when applied according to label directions.

This product may only be used on the following crops: Pome Fruit Group 11-10, including Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Pear, Asian Pear, Quince, Chinese Quince, Japanese Quince, Tejocate, and cultivars, varieties, and/or hybrids of these; Apricots; Cherry Subgroup 12-12A, including Capulin, Black Cherry, Nanking Cherry, Sweet Cherry, Tart Cherry, and cultivars, varieties, and or hybrids of these; Peach Subgroup 12-12B, including Nectarine, Peach, and cultivars, varieties, and/or hybrids of these; Fruit, small, climbing, vine (except fuzzy kiwifruit) Subgroup 13-07F, including Amur River Grape (except New York), Gooseberry, Grape (except New York), Hardy Kiwifruit, Maypop, Schisandra Berry, and cultivars, varieties, and hybrids of these; Avocado; Papaya; Persimmon, Almond, Walnut, and Christmas Tree plantations (except California).

Because APOLLO SC acts primarily against the egg, apply APOLLO SC at the first sign of mite activity. On apples, delayed dormant or early season applications of APOLLO SC may not effectively control two-spotted spider mites or McDaniel mites which invade trees later in the summer. If the mite population is approaching damaging levels on the target crops, including European red mites on apples, or if pear rust mite is present, combine Apollo SC Ovicide/Miticide with an appropriate adulticide.

TARGET SPECIES

COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME
European red mite	<i>Panonychus ulmi</i>	Two-spotted spider mite	<i>Tetranychus urticae</i>
McDaniel spider mite	<i>Tetranychus mcdanieli</i>	Yellow spider mite	<i>Eotetranychus carpini borealis</i>
Pacific spider mite	<i>Tetranychus pacificus</i>		

RATE & TIMING OF APPLICATION

Crop	Rate/Acre	Timing	PHI*
Avocado; Papaya	4–8 oz	First sign of mites	3 days

Pome Fruit Group 11-10, including Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Quince, Chinese Quince, Japanese Quince, Tejocate, and cultivars, varieties, and/or hybrids of these	4–8 oz.	Delayed dormant through first sign of mites	45 days
Pears and Asian pear	4–8 oz	First sign of mites	21 days
Fruit, small, climbing, vine (except fuzzy kiwifruit) Subgroup 13-07F, including Amur River Grape (except New York), Gooseberry, Grape (except New York), Hardy Kiwifruit, Maypop, Schisandra Berry, and cultivars, varieties, and hybrids of these	4–8 oz	First sign of mites	21 days
Apricots	2–8 oz.**	First sign of mites	21 days
Cherry Subgroup 12-12A, including Capulin, Black Cherry, Nanking Cherry, Sweet Cherry, Tart Cherry, and cultivars, varieties, and or hybrids of these	2–8 oz.**	First sign of mites	21 days
Peach Subgroup 12-12B, including Nectarine, Peach, and cultivars, varieties, and/or hybrids of these	2–8 oz.**	First sign of mites	21 days 10 days (California only)
Persimmons	2-8 oz.**	First sign of mites	140 days
Almonds	4–8 oz.	First sign of mites	30 days 14 days (California)
Walnuts	4–8 oz.	First sign of mites	30 days

*PHI = Pre-Harvest Interval, the **latest** timing for an application prior to harvest.

Applications with rates below 4 ounces of APOLLO SC per acre should only be used in association with established IPM programs and **only when adequate beneficial insects/mites are prevalent.

Factors which warrant the higher rates (4 to 8 ounces) of APOLLO SC per acre include:

1. For control of Pacific spider mites.
2. For control of McDaniel spider mites
3. Earliest seasonal timings for blocks with high overwintering European red mite egg populations.
4. When mite predator populations are low.
5. To ensure adequate coverage of full size standard trees and/or trees with heavy leaf densities.

When an adjuvant is to be used with this product, ADAMA suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

APPLICATION METHOD

Apply APOLLO SC Ovicide by ground using either dilute or concentrate spray equipment. **Do not apply by air.**

Avocado and Papaya

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO SC per acre. Use sufficient volume of water to obtain complete coverage, but not less than 50 gallons per acre.

Apples and Pears

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO SC per acre. Use sufficient volume of water to obtain complete coverage, but not less than 50 gallons per acre.

For applications above 400 gallons per acre, use 1 to 2 ounces of APOLLO SC per 100 gallons of spray. Do not apply less than 4 ounces of APOLLO SC per acre.

Grapes (except New York)

At least 50 gallons per acre: Apply 4 to 8 ounces of Apollo SC per acre.

Wine and Grape Juice: Tying/ training, hand harvesting and hand leaf pulling are not permitted within 39 days after application.

Table and Grape Raisin: Tying/ training and hand leaf pulling are not permitted within 14 days after application.

Girdling and turning activities are not permitted after use of this product.

Apricots, Cherries, Persimmons, Peaches, and Nectarines

50 to 400 gallons per acre: Apply 2 to 8 ounces of APOLLO SC per acre.

Almonds and Walnuts

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO SC per acre. Use at least 6 ounces of APOLLO SC south of California Highway No. 152.

A tank mix of APOLLO SC with an adulticide may be warranted when adult mites are present. Do not use the tank mix under conditions where the adulticide alone is not recommended. Before use, read the adulticide label for additional information and precautions.

Christmas Trees, Christmas Tree Plantations (except California)

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO SC per acre for control of Pacific spider mite, Spruce spider mite, and Two-spotted spider mite. Time applications for periods of peak egg laying or immature mite activity. Do not make more than one application per year.

RESISTANCE MANAGEMENT STRATEGIES (FOR INSECTICIDE)

Apollo SC contains a group 10A insecticide. Insect/mite biotypes with acquired resistance to group 10A may eventually dominate the insect/mite population if group 10A insecticides/acaricides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Apollo SC or other products in group 10A.

To delay insecticide resistance consider:

- Avoiding the consecutive use of Apollo SC or other group 10A insecticides/acaricides that have a similar target site of action, on the same insect/mite species.
- Using tank-mixtures or premixes with insecticides/acaricides from a different target site of action group as long as the involved products are all registered for the same use and have different sites of action.
- Basing insecticide/acaricide use on a comprehensive IPM program.
- Monitoring treated insect/mite populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for insecticide/acaricide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Store in a cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Do not store above 100°F for extended periods of time. Storage below 20°F can result in formation of crystals. If product crystallizes, store at 50°F to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL:

Open dumping is prohibited. Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:**NONREFILLABLE CONTAINERS:****Rigid, Nonrefillable containers small enough to shake (i.e. with capacities equal to less than five gallons).**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake container for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

Rigid, Nonrefillable containers that are too large to shake (i.e. with capacities greater than 5 gallons or 50 lbs).

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling or reconditioning if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

REFILLABLE CONTAINERS:

Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

REFILLING OR RETURNING CONTAINERS:

If refilling or returning container is planned, end users are not authorized to remove tamper evident cables, one way valves or clean container.

RECYCLE OR DISPOSAL OF CONTAINERS:

End users are authorized to remove tamper evident cable as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. Instructions for container rinsing and either recycling or disposal are as follows:

Bottom Discharge IBC (e.g. Schuetz Caged IBC or Snyder Square Stackable).

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve. Return container or offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

Top Discharge IBC, Drums, Kegs (e.g. Snyder 120 Next Gen, Bonar B120, Drums and Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return container or offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY**.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ADAMA. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ADAMA makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ADAMA's election, the replacement of product.

Apollo® is a registered trademark of ADAMA Irvita NV.

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Apollo SC (66222-47)(EPA amend 05/27/2016)