OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 05, 2025

Bill Washburn
washburnb@helenaagri.com
HELENA AGRI-ENTERPRISES, LLC, D/B/A HELENA CHEMICAL COMP

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Insertion of Missing PPE Section
Product Name: HM-2020-30 Miticide
Admin Number: 5905-661
EPA Receipt Date: 10/13/2023
Action Case Number: 00491328

Dear Bill Washburn:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this 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 your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Scott Campbell via email at campbell.scott@epa.gov.

Sincerely,

Loren LaPointe, PhD, Acting Product Manager 01
IVB3, RD
Office of Pesticide Programs

ETOXAZOLE	GROUP	10B	ACARICIDE
BIFENAZATE	GROUP	UN	ACARICIDE

HM-2020-30 Miticide

[Alternate Brand Name: MAVEN]

ACTIVE INGREDIENT:	**By Wt.**
Etoxazole*	8.63%
Bifenazate**	33.45%
OTHER INGREDIENTS:	57.92%
TOTAL:	100.00%

*etoxazole:2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole
**bifenazate: hydrazine carboxylic acid, 2-(4-methoxy-[1,1'-biphenyl]-3-yl) 1-methylethyl ester

HM-2020-30 Miticide is a soluble concentrate containing 0.78 lbs. a.i. etoxazole and 3.03 lbs. a.i. bifenazate per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside label [booklet] for Precautionary Statements [, and Directions for Use] [including] [Storage and Disposal instructions].

EPA Reg. No. 5905-661
EPA Est. No.

AD 063023
NET CONTENTS: _____
Batch No._____

Manufactured for:
Helena Agri-Enterprises, LLC
225 Schilling Boulevard, Suite 300
Collierville, TN 38017

[Miticide]

[Brackets] indicate optional language.

FIRST AID	
IF SWALLOWED	• Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED	• Move the person to fresh air. • If the 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.
IF ON SKIN OR CLOTHING	• 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	• 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.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Chemtrec at 1-800-424-9300 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves made out of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride ≥14 mils, or viton ≥14 mils.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, freshwater and marine/estuarine aquatic invertebrates, including oysters and shrimp. 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 when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are foraging in the treatment area

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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.

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 the 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:

- long sleeved shirt and long pants and coveralls,
- shoes and socks,

- and chemical-resistant gloves made out of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride ≥14 mils, or Viton ≥14 mils.

RESISTANCE MANAGEMENT

For resistance management, HM-2020-30 Miticide contains etoxazole, a Group 10B acaricide and bifenazate, a Group UN acaricide. Any mite population may contain individuals naturally resistant to HM-2020-30 Miticide and other Group 10B and Group UN acaricides. The resistant individuals may dominate the mite population if this group of acaricides is used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay acaricide resistance, take the following steps:

- Rotate the use of HM-2020-30 Miticide or other Group 10B and Group UN acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
- Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
- Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
- When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
- Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests that the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact Helena Agri-Enterprises, LLC at 901-761-0050

TANK MIXES

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive use directions for use and precautionary statements of each product in the tank mixture.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy. For all other ground applications, the nozzle must be no more than 3 feet from the target vegetation.
- Applicators are required to use a medium or coarser droplet size (ASABE S572. 1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets by using appropriate nozzles and a drift reduction agent. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size- Ground Boom

Volume- Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
Pressure- Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
Spray Nozzle- Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size- Aircraft

Adjust Nozzles- Follow nozzle manufacturer's recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT- Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT- Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS (> 10mph).

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

PRODUCT USE INFORMATION

HM-2020-30 is a suspension concentrate (flowable) that controls a variety of mite pests on the crops listed on this label. When used as directed and applied to the foliage, it provides quick knockdown through contact and translaminar activity followed by extended residual control. HM-2020-30 is compatible with IPM and resistance management programs.

SHAKE WELL BEFORE USING
For containers greater than 2.5 gallons: SHAKE WELL, AGITATE, OR RECIRCULATE BEFORE USE.

MIXING INSTRUCTIONS

The following procedure is recommended for preparation of a new tank mix, unless specified otherwise in label directions. (1) Fill spray tank with 1/2 the desired amount of water. (2) Add wettable powders to tank water. (3) Agitate. (4) Add liquids and flowables including required amount of HM-2020-30 with agitation running to fully disperse the product. (5) Add emulsifiable concentrates. (6) Agitate. (7) Then fill the tank with the remaining amount of required water.

HM-2020-30 stability can be impacted by high pH and high temperature. Maintain spray mixtures pH range between 5.5 and 6.5.

Restrictions:
Tank mixtures are permitted only in States where all of the pesticide products used as tank-mix partners are registered. It is the pesticide user's responsibility to ensure that all pesticide products used in the tank mix are registered for the intended use. When tank-mixing, follow the most restrictive of all of the labeled use directions, use restrictions, and use limitations for the tank-mix partners.

Compatibility:
To obtain broad-spectrum insect control, HM-2020-30 can be tank-mixed with other insecticide products. However, due to variations in water quality, e.g., hardness and pH, it is required that users conduct small-scale trials under local conditions to ensure compatibility prior to any large-scale use.

SPRAY ADJUVANTS
For optimal performance it is recommended that HM-2020-30 always be applied with a non-phytotoxic wetting, spreading, and/or penetrating spray adjuvant.

- Non-ionic adjuvants with wetting, spreading and/or penetrating properties include:
  - Organosilicones (OS) such as Kinetic®
  - Non-ionic surfactants (NIS) with at least 75% surface active agent such as Induce®
  - Blends of these non-ionic activator spray adjuvants such as Dyne-Amic®
- Spray adjuvants must be compatible with HM-2020-30 and must be used at concentrations specified on the spray adjuvant product label directions for use on the targeted crop unless more specific directions are provided in the individual crop sections on this label.
- When an adjuvant is to be used with this product, Helena Agri-Enterprises, LLC recommends the use of a Council of Producers and Distributors of Agrotechnology (CPDA) certified spray adjuvant

USE RATES AND DIRECTIONS
Refer to the **USE INSTRUCTIONS** tables for application rates, application number, and pre-harvest interval (PHI) for labeled crops.

For ground applications, refer to the **USE INSTRUCTIONS** tables for the minimum number of gallons of spray solution to apply per acre using the following types of equipment: compressed air, hydraulic ground boom or air-blast sprayers.

For aerial applications, refer to the **USE INSTRUCTIONS** tables for the minimum number of gallons of spray solution to apply per acre (or the minimum gallons/acre allowed by your State, which may not be less than the minimum gallons/acre shown on this label) using either a fixed-wing aircraft or helicopter. Always use a spray volume adequate to assure complete coverage of the crop canopy.

When used as directed, HM-2020-30 is effective for the control mites species, as listed on the label especially spider mites, red mites and grass mites. NOTE: It is not effective against rust mites and flat mites. For susceptible mite species, HM-2020-30 is mostly effective on all stages of mites from egg to adult.

Restrictions:

- **Rotational Crops -** This product has a plantback restriction of 30 days. **DO NOT** plant another crop within 30 days after last HM-2020-30 application.
- **DO NOT** exceed the maximum amount of etoxazole or bifenazate allowed per crop per 12 month period, regardless of the etoxazole or bifenazate-containing product(s) used.
- **DO NOT** apply by any type of irrigation or chemigation system.
- Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

RATE CONVERSION CHART		
HM-2020-30 Miticide (Fl. Oz.)	**Bifenazate A.I.** (Pounds)	**Etoxazole A.I.** (Pounds)
2.5	0.06	0.02
4.75	0.11	0.03
7.25	0.17	0.04
14.5	0.34	0.09
21.0	0.50	0.13
22.0	0.52	0.13
29.0	0.69	0.18

CROP SPECIFIC USE INSTRUCTIONS

CANEBERRY (Subgroup 13-07A)
Blackberry; Loganberry; Raspberry, Black; Raspberry, Red; Raspberry, Wild; Cultivars varieties and/or hybrids of these.

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
European Red Spider Mite McDaniel Spider Mite Two-spotted Spider Mite Yellow Spider Mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	7

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply by ground as a full coverage spray in a minimum of 50 gals/A of water. Applications of HM-2020-30 Miticide must be done using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites are using for dispersal, feeding and reproduction. Use higher water volumes on older trees and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 1 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance among mite populations.

COTTON

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider Banks grass mite Brown almond mite Carmine Spider Mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	4.75 to 7.25 (0.11-0.17 lb bifenazate per acre and 0.03-0.04 lb etoxazole per acre)	7.25 (0.17 lb bifenazate and 0.04 lb etoxazole per acre)	2	60

*Pre-Harvest Interval

USE INSTRUCTIONS

Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gals/A by air or 10 to 50 gals/A by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions

- **DO NOT** exceed a total of 14.5 fl oz of HM-2020-30 (0.34 lb bifenazate and 0.09 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.75 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.09 lb etoxazole per acre per year.
- **DO NOT** use rates below 4.75 fl oz per acre per application as this may result in poor control and contribute to the development of resistance among mite populations.

CUCURBITS
Acorn Squash; Balsam Apple; Balsam Pear; Bittermelon; Butternut Squash; Calabaza Squash; Cantaloupe; Chayote (fruit); Chinese Cucumber; Chinese Okra; Chinese Waxgourd (Chinese Preserving Melon); Citron Melon; Cucumber; Cucuzza; Gherkin; Gourd, Edible; Hechima; Hubbard Squash; Hyotan; Momordica spp.; Muskmelon; Pumpkin; Spaghetti Squash; Summer Squash; Watermelon; Winter Squash

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Brown almond mite Carmine spider mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	7

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply with air or ground equipment in adequate water for uniform coverage (a minimum of 3 gals/A by air or a minimum of 10 gals/A by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage.

Applications of HM-2020-30 Miticide must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.50 lb of bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb of etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance among mite populations.
- **DO NOT** apply by air in New York.

HOPS				
Pests	**Product Rate fl oz/Acre**	**Maximum Rate per application fl oz/Acre**	**Maximum Number of Applications per Year**	**PHI* Days**
Two-spotted Spider Mite	22.0 to 29.0 (0.52-0.69 lb bifenazate per acre and 0.13-0.18 lb etoxazole per acre)	29.0 (0.69 lb bifenazate and 0.18 lb etoxazole per acre)	1	14

*Pre-Harvest Interval

USE INSTRUCTIONS

Apply with ground equipment in a minimum of 50 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions

- **DO NOT** exceed a total of 29.0 fl oz of HM-2020-30 (0.69 lb bifenazate and 0.18 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.75 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.18 lb etoxazole per acre per year.
- **DO NOT** use rates below 22.0 fl oz per acre per application as this may result in poor control and contribute to the development of resistance among mite populations.

LOW GROWING BERRY (Subgroup 13-07G)
Bearberry; Bilberry; Blueberry, Lowbush; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; Strawberry; Cultivars, varieties, and/or hybrids of these.

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Sider Mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	1

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply with ground equipment in a minimum of 100 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
HM-2020-30 Miticide will not control Cyclamine Mite. Another miticide registered for this pest should be used if these mites are a problem.

See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 1.0 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

MINT (Peppermint and Spearmint)				
Pests	**Product Rate fl oz/Acre**	**Maximum Rate per application fl oz/Acre**	**Maximum Number of Applications per Year**	**PHI* Days**
Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	14.5 to 29.0 (0.34-0.69 lb bifenazate per acre and 0.09-0.18 lb etoxazole per acre)	29.0 (0.69 lb bifenazate and 0.18 lb etoxazole per acre)	1	7

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply with air or ground equipment in adequate water for uniform coverage (minimum of 10 gals/A by air or 50 gals/A by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions

- **DO NOT** exceed a total of 29.0 fl oz of HM-2020-30 (0.69 lb bifenazate and 0.18 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.75 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.36 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.
- **DO NOT** apply by air in New York.

PEPPER AND EGGPLANT (Subgroup 8-10B)
African Eggplant; Bell Pepper; Eggplant; Martynia; Non-Bell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; Cultivars, varieties and/or hybrids of these.

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Broad Mite (*Polyphagotarsonemus latus*) Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	7

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply with ground equipment in a minimum of 50 gals/A of water. Applications of HM-2020-30 Miticide must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.50 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.27 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

POME FRUIT (Crop Group 11-10)
Apple; Azarole; Crabapple; Loquat; Mayhaw; Medlar; Pear; Pear, Asian; Quince; Quince, Chinese; Quince, Japanese; Tejocote; cultivars, varieties, and/or hybrids of these.

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	14

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply by ground with airblast equipment in a minimum of 50 - 100 gals/A. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
HM-2020-30 Miticide will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.

See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.50 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.27 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

SMALL FRUIT VINE CLIMBING, EXCEPT FUZZY KIWIFRUIT (Subgroup 13-07 F)
Amur River Grape; Gooseberry; Grape; Kiwifruit, Hardy; Maypop; Schisandra Berry; Cultivars, varieties, and/or hybrids of these.

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	14

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply by ground as a full coverage spray in a minimum of 25 – 50 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
HM-2020-30 Miticide will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.

See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.50 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

STONE FRUIT (Crop Group 12)
Apricot; Cherry, Sweet; Cherry, Tart; Nectarine; Peach; Plum; Plum, Chickasaw; Plum, Damson; Plum, Japanese; Prune (fresh); Plumcot

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	7

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply with ground equipment in a minimum of 50 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.50 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.27 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

TREE NUTS (Crop Group 14)
Almond; Beech Nut; Brazil Nut; Butternut; Cashew; Chestnut; Chinquapin; Hazelnut (filbert); Hickory Nut; Macadamia Nut; Pecan; Walnut, Black; Walnut, English

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Number of Applications per Year	PHI* Days
Avocado red spider mite Banks grass mite Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite (*Eotetranychus hicoriae*) Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	28

*Pre-Harvest Interval

USE INSTRUCTIONS
Apply by ground with airblast equipment as a full coverage spray in a minimum of 50 gals/A of water..

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled **RESISTANCE MANAGEMENT** for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions
- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 0.75 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

TROPICAL FRUIT **Avocado; Canistel; Mango; Sapote, Black; Sapote, Mamey; Star Apple**				
Pests	**Product Rate fl oz/Acre**	**Maximum Rate per application fl oz/Acre**	**Maximum Number of Applications per Year**	**PHI* Days**
Avocado brown mite Avocado red spider mite Banks grass mite Brown almond mite Citrus red mite Clover mite Pecan leaf scorch mite Persea mite Six-spotted mite Southern red mite Spruce spider mite European red mite (use maximum rate) Strawberry spider mite McDaniel mite Pacific spider mite Two-spotted spider mite Willamette mite	14.5 to 21.0 (0.34-0.50 lb bifenazate per acre and 0.09-0.13 lb etoxazole per acre)	21.0 (0.50 lb bifenazate per acre and 0.13 lb etoxazole per acre)	1	7 (avocados) 1 (all other listed tropical fruit)

*Pre-Harvest Interval; **Avocado; ***All fruit except avocado;

USE INSTRUCTIONS

Apply ground equipment in adequate water for uniform coverage (minimum 50 gals/A by ground). Applications of HM-2020-30 Miticide must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage.
Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Treat when mite populations are low. Apply HM-2020-30 Miticide at or prior to threshold for your area.
Use the lower listed rate for light infestations and the higher rate for heavy infestations.
See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to HM-2020-30 Miticide or other acaricides.

Restrictions

- **DO NOT** exceed a total of 21.0 fl oz of HM-2020-30 (0.50 lb bifenazate and 0.13 lb etoxazole) per acre per year.
- **DO NOT** apply more than 1.0 lb bifenazate per acre per year.
- **DO NOT** apply more than 0.135 lb etoxazole per acre per year.
- **DO NOT** use rates below 14.5 fl oz per acre per application as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.
- **DO NOT** apply by air in New York.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

PESTICIDE STORAGE
Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Do not store diluted spray.
PESTICIDE DISPOSAL
Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING
Nonrefillable HDPE Plastic Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake 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 if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

Nonrefillable HDPE Plastic Container (larger than 5 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. 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. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

CONDITIONS OF SALE
– LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Agri-Enterprises, LLC (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company, except as warranted by this label, the company, and the law. The Company makes no other warranties or representations of any kind express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.
The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC's election, one of the following:

- Refund of the purchase price paid by buyer or user for product bought, or
- Replacement of the product used

To the extent consistent with applicable law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

[EPA approval date: 06/30/2023]

Filename: HM-2020-30 Miticide (5905-661) 101323 STK