



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
93930-68

Date of Issuance:  
10/21/21

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Avalaire Etoxazole SC

Name and Address of Registrant (include ZIP Code):

Kristen Cianni  
Regulatory Specialist  
Atticus  
5000 CentreGreen Way, Suite 100  
Cary, NC 27513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. 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.

Signature of Approving Official:

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

Date:

10/21/21

2. You are required to comply with the data requirements described in the DCI identified below:

a. Etoxazole GDCI-107091

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 93930-68.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 6/18/2021

If you have any questions, please contact Marianne Lewis via email at [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Enclosure: Stamped label

[Note to reviewer: [Text] in brackets denotes optional or explanatory language]  
 [Note to reviewer: {Text} in braces denotes where in the final label text will appear]  
 {BOOKLET FRONT PANEL LANGUAGE}

ETOXAZOLE	GROUP	10B	ACARICIDE
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# Avalaire Etoxazole SC [™]

*Alternate Brand Name: Detera SC*

Contains etoxazole, the active ingredient used in Zeal® SC Miticide. **Avalaire Etoxazole SC** is not manufactured, or distributed by Valent U.S.A. Corporation, seller of Zeal® SC Miticide.

<b>Active Ingredient:</b>	(% by weight)
Etoxazole (2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole).....	31.7%
<b>Other Ingredients:</b> .....	68.3%
<b>Total</b> .....	100.0%

Contains 2.88 lbs. of etoxazole per gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

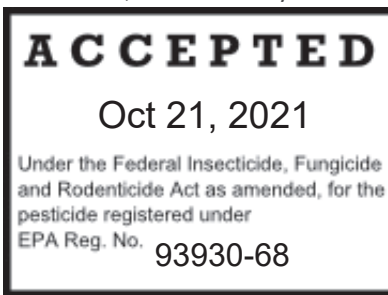
See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 93930-XX

EPA Est. No.:

Net Contents:

Lot No:



**Manufactured For:**

Avalaire, LLC  
 1204 Village Market Place, #173  
 Morrisville, NC 27560

## {LANGUAGE INSIDE BOOKLET}

### 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 SafetyCall at **1-844-685-9173** for emergency medical treatment information.

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION**

### **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  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride  $\geq 14$  mils, or viton  $\geq 14$  mils.

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.

### **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 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 washwaters or rinsate.

## **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 FOR USE, 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, shoes and socks, and chemical-resistant gloves.

**Always mix product thoroughly before use.**

## CHEMIGATION

**RESTRICTION: Do not apply this product through any type of irrigation or chemigation system.**

## RESISTANCE MANAGEMENT

The active ingredient in this product, etoxazole, is a member of the class of insecticides known as pyrroles (Group 10B). This product is introduced to the insect by contact and feeding activity.

For resistance-management, **Avalaire Etoxazole SC** contains a Group 10B insecticide. Any insect population may contain individuals naturally resistant to **Avalaire Etoxazole SC** and other Group 10B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed. To reduce the potential for developing insect resistance, rotate to an insecticide with a different mode of action. Monitor treated pest populations for resistance development. Read product label before applying any insecticide and follow label directions.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Avalaire Etoxazole SC** or other Group 10B insecticides within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the total number of consecutive sprays of **Avalaire Etoxazole SC** per season.
- Use insecticides 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 insecticide/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 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 Avalaire, LLC representatives at 984-465-4754.

### **TANK MIXES**

**NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.**

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 directions for use and precautionary statements of each product in the tank mixture.

**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 Applications per Season	PHI* Days
European Red Spider Mite McDaniel Spider Mite Two-spotted Spider Mite Yellow Spider Mite	4.0 to 6.0	6.0	1	0

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply by ground as a full coverage spray in a minimum of 50 gals/A of water. Applications of **Avalaire Etoxazole SC** 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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.135 lb of ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

**FIELD CORN, POPCORN, CORN (Grown For Seed Production)**

<b>Pests</b>	<b>Product Rate fl oz/Acre</b>	<b>Maximum Rate per application fl oz/Acre</b>	<b>Maximum Applications per Season</b>	<b>PHI* Days</b>
Banks Grass Mite <sup>1</sup> Carmine Spider Mite Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	2.0 to 6.0	6.0	2	21

\*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 **Avalaire Etoxazole SC** are recommended before tasseling stage to allow good coverage and provide better control.

For field corn utilized for seed production apply **Avalaire Etoxazole SC** before or at tasseling growth stage. If a second application is needed wait for 14 days to re-treat with **Avalaire Etoxazole SC**.

Treat when mite populations are below threshold or beginning to build up on the plants. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Always follow the recommended threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.27 lb ai/A per calendar year.
- Do not use rates below 2.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.
- Do not apply treatments less than 14 days apart.
- Do not apply by air in New York.

<sup>1</sup> Applications targeting exclusively Banks grass mites may require higher rates particularly if populations have exceeded the established threshold in the fields to be treated with **Avalaire Etoxazole SC**. Also, under extreme drought conditions and higher populations Banks grass mites might require more than one application of a miticide.



**COTTON**

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Carmine Spider Mite Pacific Spider Mite Two-spotted Spider Mite	1.33 to 2.0	2.0	1	28

\*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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.09 lb ai/A per calendar year.
- Do not use rates below 1.33 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

### CUCURBIT VEGETABLES

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 Applications per Season	PHI* Days
Two-spotted Spider Mite Carmine Spider Mite Pacific Spider Mite Strawberry Spider Mite	4.0 to 6.0	6.0	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 **Avalaire Etoxazole SC** 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.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

Treat when mite populations are low. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

#### Restrictions

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A 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.

**HOPS**

Pests	Product Rate fl oz/Acre	Maximum Rate per Application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite	6.0 to 8.0	8.0	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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.18 lb ai/A per calendar year.
- Do not use rates below 6.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole 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 Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

**Avalaire Etoxazole SC** will not control Cyclamine Mite. Another miticide registered for this pest should be used if these mites are a problem.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

### TANK MIX INSTRUCTIONS FOR LOW GROWING BERRY [(Subgroup 13-07G)]

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite	4.0 to 6.0 + the labeled rate of Danitol® 2.4 EC Insecticide	6.0	1	1

\*Pre-Harvest Interval

#### USE INSTRUCTIONS

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 directions for use and precautionary statements of each product in the tank mixture.

Apply with ground equipment in adequate water for uniform coverage (using a minimum of 100 gals/A).

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

Alternate with other non-pyrethroid insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

### MINT (Peppermint and Spearmint)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	4.0 to 8.0	8.0	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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

#### Restrictions

- Do not apply more than 0.36 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A 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 Applications per Season	PHI* Days
Two-spotted Spider Mite	4.0 to 6.0	6.0	1	7

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply with ground equipment in a minimum of 20 gals/A of water. Applications of **Avalaire Etoxazole SC** 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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.27 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

**POME FRUIT [(Crop Group 11)]**

Apple; Crabapple; Loquat; Mayhaw; Pear; Pear, Asian; Quince

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite McDaniel Spider Mite Pacific Spider Mite Two-Spotted Spider Mite	4.0 to 6.0	6.0	1	14

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

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

Treat when mite populations are low. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

**Avalaire Etoxazole SC** will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.27 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A 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 13-07F)]**

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 Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two Spotted Spider Mite Willamette Mite	4.0 to 6.0	6.0	1	14

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply by ground as a full coverage spray in a minimum of 25 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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

**Avalaire Etoxazole SC** will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.



<b>SOYBEAN</b>			
<b>Pests</b>	<b>Product Rate fl oz/Acre</b>	<b>Maximum Rate per application fl oz/Acre</b>	<b>Maximum Applications per Season</b>
Two-spotted Spider Mite and any other species belonging to the spider mite family (Tetranychidae)	2.0 to 6.0	6.0	1
<p><b>USE INSTRUCTIONS</b></p> <p>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 volumes will assure better coverage.</p> <p>Applications of <b>Avalaire Etoxazole SC</b> are recommended before mite populations have passed the established thresholds.</p> <p>Treat when mite populations are beginning to build up on the plants. <b>Avalaire Etoxazole SC</b> is predominately an ovicide/larvicide and should be used early in the life cycle of mites.</p> <p>Always follow the recommended threshold for your area, do not exceed the maximum rate per year.</p> <p>User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <b>Avalaire Etoxazole SC</b> or other acaricides.</p> <p><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>• Do not apply more than 0.135 lb ai/A per calendar year.</li> <li>• Do not apply after R5 stage.</li> <li>• Do not graze treated soybean fields or feed treated forage or hay to livestock.</li> <li>• Do not use rates below 2.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.</li> <li>• Do not apply by air in New York.</li> </ul>			

### STONE FRUIT [(Crop Group 12)]

Apricot; Cherry (sweet and tart); Nectarine; Peach; Plum; Plum, Chickasaw; Plum, Damson; Plum, Japanese; Plumcot; Prune (fresh)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

#### Restrictions

- Do not apply more than 0.27 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

### TREE NUTS

Almond; Beech Nut; Brazil Nut; Butternut; Cashew; Chestnut; Chinquapin; Filbert (Hazelnut); Hickory Nut; Macadamia Nut; Pecan; Pistachio; Walnut (Black and English)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	28

\*Pre-Harvest Interval

#### USE INSTRUCTIONS

Apply by ground with airblast equipment as a full coverage spray.

Treat when mite populations are low. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

#### Restrictions

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

**NON-BEARING FRUIT TREES**

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI*
European Red Mite McDaniel Spider Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	One Year

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply by ground with airblast equipment as a full coverage spray.

Treat when mite populations are low. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other **acaricides**.

**Restrictions**

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

**TROPICAL AND SUB-TROPICAL FRUIT (INEDIBLE PEEL)**

Avocado; Canistel; Mango; Papaya; Sapodilla; Sapote, Black; Sapote, Mamey; Star Apple

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Avocado Brown Mite Persea Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	1

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply with air or ground equipment in adequate water for uniform coverage (minimum 20 gals/A by air or minimum 50 gals/A by ground). Applications of **Avalaire Etoxazole SC** 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. **Avalaire Etoxazole SC** is predominately an ovicide/larvicide. Apply **Avalaire Etoxazole SC** at or prior to threshold for your area, do not exceed the maximum rate per year.

User higher rates for moderate to heavy infestations, especially with dense plant canopies and choose lower rate for light infestations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to **Avalaire Etoxazole SC** or other acaricides.

**Restrictions**

- Do not apply more than 0.135 lb ai/A per calendar year.
- Do not use rates below 4.0 fl oz/A 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 or disposal.

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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

**For plastic containers ≤ 5 gallons: Nonrefillable Container:** Do not reuse or refill this container. Triple rinse container (or equivalent) 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 ¼ 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 puncture and dispose of in a sanitary landfill.

**For plastic containers > 5 gallons: Nonrefillable container.** Do not reuse or refill this container. Triple 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 ¼ full with water. Recap 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 puncture and dispose of in a sanitary landfill.

## LIMITATION OF WARRANTY AND LIABILITY

**IMPORTANT: READ BEFORE USE.** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following 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. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of Avalaire, LLC. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Avalaire, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither Avalaire, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. 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, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

**Avalaire Etoxazole SC** is a trademark of Avalaire, LLC

Zeal® SC Miticide is a registered trademark of Valent U.S.A. Corporation.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

**Avalaire Etoxazole SC™**

*Alternate Brand Name: Detera SC*

Contains etoxazole, the active ingredient used in Zeal® SC Miticide. **Avalaire Etoxazole SC** is not manufactured, or distributed by Valent U.S.A. Corporation, seller of Zeal® SC Miticide.

<b>Active Ingredient:</b>	(% by weight)
Etoxazole (2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole).....	31.7%
<b>Other Ingredients</b> .....	<b>68.3%</b>
<b>Total</b> .....	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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.)

**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 SafetyCall at 1-844-685-9173 for emergency medical treatment information.

**For Chemical Emergency**

**Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

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

**ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to 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 washwaters or rinsate.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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.

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**For plastic containers > 5 gallons: Nonrefillable container.** Do not reuse or refill this container. Triple 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 ¼ full with water. Recap 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 puncture and dispose of in a sanitary landfill, or by incineration.

See inside label booklet for additional Precautionary Statements and Directions for Use.

Manufactured for:  
**Avalaire, LLC**  
1204 Village Market Place, #173  
Morrisville, NC 27560

**EPA Reg. No. 93930-XX**  
**EPA Est. No. \_\_\_\_\_**

**Net Contents:**  
**Lot No.:**