

Cyflumetofen

Group

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Acaricide

Supplemental Label

Sultan®

miticide

For use on crop-specific commercial production of greenhouse-grown cucumbers and cucumber transplants grown for the home consumer market

This supplemental label expires June 19, 2023, and must not be used or distributed after this date.

Active Ingredient:

cyflumetofen: (2-methoxyethyl(*RS*)-2-(4-*tert*-butylphenyl)-2-cyano-3-oxo-3-(α,α,α -trifluoro-*o*-tolyl)propionate)..... 18.7%

Other Ingredients:..... 81.3%

Total: 100.0%

Sultan® miticide contains 1.67 pounds of cyflumetofen per gallon.

EPA Reg. No. 7969-337

CAUTION/PRECAUCION

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Sultan** container label, EPA Reg. No. 7969-337, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Sultan** before applying.
- Use of **Sultan** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Sultan**.

Application Instructions

Refer to the **Sultan** container label for additional application instructions and restrictions. Any use of **Sultan** follows the maximum number of applications per crop per year. **Sultan** is labeled for single application then rotation to an effective miticide with a different mode of action, for a total of two applications per crop per year. Apply **Sultan** according to the rates for timing and resistance management instructions in application rates and instructions remarks, for specific

greenhouse vegetables and transplants grown for the consumer market as shown in **Table 1** and **Table 2** in this label.

For knockdown and residual control of mites, apply **Sultan at 13.7 fl ozs per 100 gal** first sign of infestation, and threshold levels for developing mite populations.

Restrictions and Limitations

- **DO NOT** make **Sultan** applications at intervals shorter than 14 days.
- **DO NOT** make more than 2 applications per crop per year.

Resistance Management

- **DO NOT** make more than 1 **Sultan** application before rotating to an effective miticide with a different chemical mode of action.
- **DO NOT** apply more than 27.4 fl ozs/A (0.36 lb cyflumetofen/A) per crop per year.

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Table 1. Sultan® miticide for Cucumber Transplants (home consumer market only)*

Crop	Target Mites	Product Use Rate per Application (ozs/100 gallons)
Cucumber transplants for the home consumer market Cucumbers Cultivars, varieties, and/or hybrids of these	Sultan is effective in controlling tetranychid mites. Refer to the package label for complete list of spider mite species under Product Information – Pests Controlled .	13.7 fl ozs
* DO NOT use Sultan for cucumber transplants intended for use in agricultural field production.		

Application Instructions

- When using conventional application equipment apply **Sultan** in 100 gallons of spray solution per acre. Applying **Sultan** at spray volumes lower than directed can make it harder to obtain thorough crop coverage and may reduce performance.
- **Sultan** can be applied through low volume, high pressure equipment at spray volumes of at least 20 gallons per acre, if thorough crop coverage can be obtained.
- All **Restrictions and Limitations** listed apply for use of **Sultan** for cucumber transplants grown for the home consumer market.

Table 2. Sultan Crop-specific Requirements – Commercial Production of Greenhouse-grown Cucumbers

Crop	Target Mites	Product Use Rate per Application (ozs/100 gallons)	Minimum Time from Application to Harvest (PHI) days	Maximum fl ozs Sultan per year
Cucumbers grown in the greenhouse Cucumbers Cultivars, varieties, and/or hybrids of these	Sultan is effective in controlling tetranychid mites. Refer to the package label for complete list of spider mite species under Product Information – Pests Controlled .	13.7 fl ozs	1	27.4 fl ozs

Application Instructions

- When using conventional application equipment apply **Sultan** in 100 gallons of spray solution per acre. Applying **Sultan** at spray volumes lower than directed can make it harder to obtain thorough crop coverage and may reduce performance.
- **Sultan** can be applied through low volume, high pressure equipment at spray volumes of at least 20 gallons per acre, if thorough crop coverage can be obtained.

Restrictions

- **DO NOT** make **Sultan** applications at intervals shorter than 14 days.
- **DO NOT** make more than 2 applications per season per crop.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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