

CROPS, CONTROLLED PESTS AND RECOMMENDED DOSAGES

FRUIT TREES AND BERRIES

Control of spider mites, aphids, scale larvae, psyllids, rust mites. **Reducing the number of thrips.**
Dilution rates: 0.12% – 0.15% (120 – 150 mL of the product per 100L of water).
Use about 500 – 800L of water per ha.

REMARKS:

Apple (when fruits are already formed) and **pear** – spray only when weather conditions allow very fast drying of spray solution (spraying within a day or early evening – when the weather is dry).
Do not spray to flowering crops due to a risk of petal injury.
Drizzle or light rain within 8–10 hours after spraying or slow spray solution drying may increase phytotoxicity risk especially to pear leaves and apple fruits.

VEGETABLES, ORNAMENTALS

Control of spider mites, aphids, scale larvae, whiteflies. **Reducing the number of thrips.**
Dilution rates: ● **VEGETABLES:** 0.1% – 0.15% (100 – 150 mL of the product per 100L of water).
● **CUCUMBER:** 0.1% (100 mL of the product per 100L of water). ● **TOMATO, BELL PEPPER, AUBERGINE:** 0.05% – 0.07% (50 – 70 mL of the product per 100L of water). ● **ORNAMENTAL TREES AND SHRUBS:** 0.1% – 0.15% (100 – 150 mL of the product per 100L of water)
● **ROSES:** 0.1% (100 mL of the product per 100L of water) ● **OTHER ORNAMENTALS:** 0.05% (50 mL of the product per 100L of water). Use about 500 – 1000L of water per ha.

REMARKS:

Do not use to **lettuce** and **herbs** due to phytotoxicity risk. For **ornamentals:** trial applications on a few plants are recommended to exclude phytotoxicity before using on entire field. Do not spray to flowering crops due to a risk of petal injury. **In order to reduce leaf burn risk in sensitive crop varieties – Siltac EC must be used when the conditions allow easy and fast drying of spraying dilution on the leaves (during dry weather, within a day or in the dry evening).**

CEREALS

Control of aphids. **Dilution rate:** 0.15% (150 mL of the product per 100L of water).

GENERAL DIRECTIONS RELATED TO PROPER USE OF SILTAC EC

1. Apply adequate spray volume to provide thorough coverage of target plant parts. **2.** Siltac EC must be applied when the first pests appear on plants. If needed, re-treat after about 7 days or later. **3.** Because of the specific mode of action, spraying must be done thoroughly, covering all sites where pests are feeding. **4.** Siltac EC works only by direct contact with controlled pests. It does not act in a preventive or prophylactic manner (when dried the treated plant surface has no biological activity).

REMAINING REMARKS AND SOME LIMITATIONS OF USE

1. Formulation was tested in terms of safety only on some crop species. Therefore, when using for the first time in new conditions, to new species and cultivars, it is recommended to test the product on a few plants (small areas) to evaluate possible plant damages. It is strongly recommended when dealing with ornamentals. **2.** In case of vegetables and ornamentals – DO NOT apply the product to very young plants (e.g. seedling) due to high plant damage risk. **3.** When applied frequently there should be at least 2 week gap between third and fourth application of Siltac EC. **4.** Do not use the product if within about 10 hours after application rain or drizzle is expected. **5.** Do not mix the product with any wetting agents, adjuvants etc. **6.** Use strictly in accordance with the directions for use. **7.** Siltac EC is compatible with most plant protection products.

**DO NOT EXCEED RECOMMENDED CONCENTRATIONS (DOSAGES).
DO NOT OVERDOSE SPRAYING SOLUTION.**

MODE OF ACTION

The mode of action involves a completely innovative, physical mechanism. The product contains a combination of polymeric compounds, mainly silicone ones. After application these compounds spread thoroughly on feeding pests and create a specific structure – a three – dimensional polymeric net on their bodies. The structure immobilizes pests, namely, it blocks their physical bodily functions on many levels. As a result, it leads to rapid elimination of insects and mites feeding on the plants.



Siltac EC does not contain any active ingredients of conventional plant protection products. It eliminates pests only in purely physical way by external immobilizing/ gluing effect.

The formula of Siltac EC is protected by patent law. Siltac is a registered trademark by ICB Pharma.

INNOVATIVE PHYSICAL MODE OF ACTION AGAINST PESTS



PRODUCT FOR CONTROL A WIDE RANGE OF HERBIVOROUS INSECTS AND MITES FEEDING ON THE CROPS.

The concentrate formulation to be diluted with water and applied as a foliar spray.



Siltac EC can be used on the following crops:

- fruit trees and berries
- vegetables
- ornamental plants
- cereals

Siltac EC is used to control:

- spider mites
- aphids
- scale larvae
- psyllids
- whiteflies
- thrips



THE PRODUCT IS BASED ON THE 3D-IPNS (3D-IMMOBILIZING POLYMERIC NET STRUCTURE) INNOVATIVE TECHNOLOGY PROVIDING VERY HIGH EFFICACY.



READ THE PRODUCT LABEL CAREFULLY BEFORE YOU START USING IT!

SPRAY SOLUTION PREPARATION

- Measure the proper amount of Siltac EC. Pour it directly into the spray tank, previously filled with water and then mix it thoroughly.
- When applied with other plant protection products, prepare p.p.p. solution first, then add recommended amount of Siltac EC.
- The spray mixture should be used within 24 hours after dilution.

PREHARVEST INTERVAL (period of time between the product application and harvest) has not been indicated as Siltac EC does not contain any active ingredients of conventional plant protection products. Nevertheless it is recommended to keep around 2 days preharvest interval.

SAFETY FOR BEES:

Siltac EC does not pose any unacceptable risk to honey bees – according to apitoxicological studies. However, it is not recommended to apply the product during honey bee foraging.

All monomers included in the composition of silicone copolymers meet registration requirements presented in the Regulation EC (No) 1907/2006 of the European Parliament and of the Council.

Protect from moisture.

Store in temperature between 0°C – 35°C.

Ingredients: mixture of polymers, mainly silicone ones and siloxanes.

SILTAC EC

Contains: organomodified siloxanes. Causes serious eye irritation. Harmful if inhaled. Toxic to aquatic life with long lasting effects. Avoid breathing mist/vapours/spray. Avoid release to the environment. Wear protective gloves/eye protection. **IF IN EYES:** rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF INHALED:** remove person to fresh air and keep comfortable for breathing.

MANUFACTURER:

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WARNING



SPRAY SOLUTION IS NOT CLASSIFIED AS DANGEROUS.

Manufacturing date:

Batch number:

Scientific consultation and further information concerning direction for use: phone: +48 531 707 704, email: crop@icbpharma.com

REV-201803-2-0-0

Expiration time:
4 years following the production date.



NET CONTENT