ICBpharma Crop Solutions®

SilTAC® EC

Crop pest control

a fast, physical method that does not leave any residues

Effective against: *spider mites, rust mites, aphids, scale insects, psyllids, whiteflies*





INNOVATIVE method of plant protection against pests

3D IPNS™ technology

Product based on the innovative 3D-IPNS technology ensuring high afficacy

PESTICIDE FREE

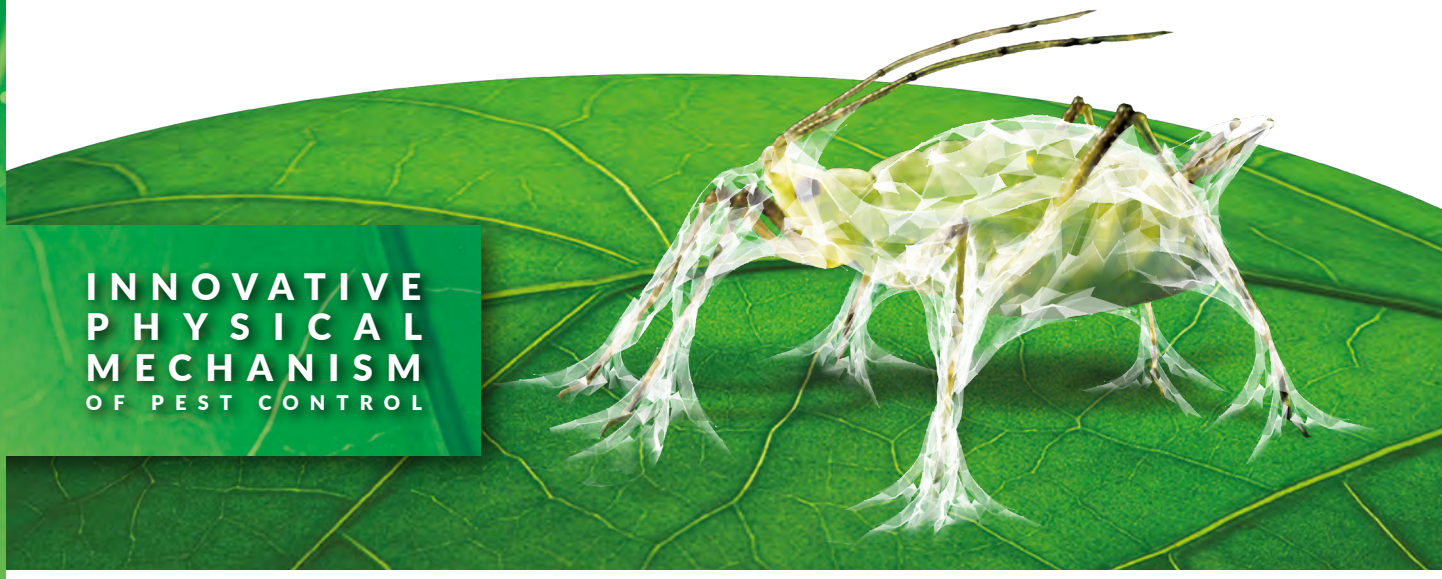
POLISH PRODUCT

SILTAC® EC

Immediate effect

UNIQUE PATENT-PROTECTED TECHNOLOGY

3D IPNS™ technology



INNOVATIVE PHYSICAL MECHANISM OF PEST CONTROL

The product contains various polymeric compounds, mainly silicone ones. After the application, these substances thoroughly cover feeding pests, creating a specific structure in the form of a 3D polymeric network on their bodies. It immobilises them by blocking their physical life functions in multiple ways. This quickly leads to the death of herbivorous insects and mites. Unlike most conventional plant protection products, SILTAC EC eliminates pests by employing a purely physical mechanism rather than by interfering with their biochemical life processes.

It does not develop resistance in the pest population

Due to its physical mechanism, SILTAC EC does not develop resistance in pests even if used repeatedly. The product can be used in anti-resistance strategies as well as to control pests that have already become resistant to recommended typical insecticides and miticides.

High efficacy

The product has been proven to be highly effective in killing spider mites and other harmful pests, aphids, scale insects, psyllids and whiteflies. The reduction of their populations usually reaches 85%-95%. It is comparable to or better than that of conventional chemical plant protection products.

Quick action

SILTAC EC eliminates pests very quickly. Most of them die immediately (knock-down effect).

No active substances in pesticides, no residues

SILTAC EC does not contain any active substances that can be found in conventional plant protection products; it does not leave any residues of such compounds in harvested fruits and vegetables.



SILTAC EC IS A PRODUCT THAT IS PARTICULARLY USEFUL IN KILLING SPIDER MITES, APHIDS, PSYLLIDS, WHITEFLIES.

Scope of use and dosages





Fruit trees and berries

For controlling aphids (including woolly apple aphids), spider mites, rust mites, psyllids, scale insects.

RECOMMENDED CONCENTRATION:

0,12%-0,15% (**120-150** mL of the product per **100** L of water).

RECOMMENDED AMOUNT OF WATER:

500-800 L/ha

Don't spray to flowering crops due to a risk of petal injury. Drizzle or light rain within **4-6** hours after spraying or slow spray solution drying may increase phytotoxicity risk especially to pear leaves and apple fruits.



Vegetables (grown outdoor and in greenhouses)

For controlling aphids, spider mites, whiteflies and reducing the number of thrips.

RECOMMENDED CONCENTRATION:

0,1%-0,15% (**100-150** mL of the product per **100** L of water).

Cucurbitaceae (cucumber, melon and other): **0,1%** (**100** mL of the product per **100** L of water).

Solanaceae (tomato, bell pepper, aubergine and other: **0,05%-0,07%** (**50-70** mL of the product per **100** L of water).

RECOMMENDED AMOUNT OF WATER:

Adjust the amount of the solution to be used depending on the plant size so as to ensure that the plant is thoroughly covered with the product. Due to the risk of phytotoxicity, the product should be used with caution in the case of certain varieties of lettuce and herbal species.



Ornamentals plants (grown outdoor and in greenhouses)

For controlling aphids, spider mites, whiteflies and reducing the number of thrips.

RECOMMENDED CONCENTRATION:

Ornamental trees and bushes: **0,1%-0,15%** (**100-150** mL of the product per **100** L of water).

Roses: **0,1%** (**100** of the product per **100** L of water).

Other ornamental: **0,05%** (**50** mL of the product per **100** L of water).

RECOMMENDED AMOUNT OF WATER:

Adjust the amount of the solution to be used depending on the plant size so as to ensure that the plant is thoroughly covered with the product. Before the application, it is necessary to check the product for phytotoxicity.



Cereals

For controlling aphids.

RECOMMENDED CONCENTRATION:

0,15% (**150** mL of the product per **100** L of water)

RECOMMENDED AMOUNT OF WATER:

300 – 400 L/ha.

NOTES CONCERNING THE RESTRICTIONS IN USE

To eliminate the risk of damaging sensitive plant species (such as apple trees, pear trees, tomatoes, cucumbers, peppers), the product should be used in conditions ensuring fast drying of the solution on the plant (in the morning or in the after afternoon, but not at night).

SILTAC EC should be used when insects or mites appear in a number posing a threat to plants. After a few days, assess the level of pest control and, if necessary, repeat the application.

SILTAC EC works only when applied directly onto feeding pests. It is not a preventive measure.

DO NOT OVERDOSE SPRAYING SOLUTION

DO NOT EXCEED RECOMMENDED CONCENTRATIONS

SILTAC EC tank mixing with other plant protection products

SILTAC EC can be used in combination with conventional insecticides and miticides to increase their effectiveness. It is recommended in case of large populations of pests that are particularly difficult to control (e.g. psyllids, woolly apple aphids, thrips).

Do not add any wetting or adhesion improving agents etc. to such mixtures. Recommended concentration of SILTAC EC to be used with insecticides and miticides: 0,1% (100 mL of SILTAC EC per 100 L of the plant protection product solution). It is also possible to mix SILTAC EC with fungicides.



SILTAC EC IS AVAILABLE IN 5 L, 1 L AND 250 mL PACKAGING.

REGULATORY INFORMATION

SILTAC EC is not a chemical plant protection product within the meaning of Regulation (EC) No. 1107/2009.

The use of the product is an alternative (physical) method to chemical methods of plant protection against pests according to the interpretation of the Ministry of Agriculture and Rural Development no. HOR. ow 822/23/2014 prepared for SILTAC EC.

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

SILTAC EC HAS RECEIVED A POSITIVE EVALUATION FROM THE NATIONAL INSTITUTE OF PUBLIC HEALTH –NATIONAL INSTITUTE OF HYGIENE, IN THE SCOPE OF SAFETY FOR HUMANS AND THE ENVIRONMENT: PZH APPROVAL NO. PZH/HT-3292/2017.

READ THE PRODUCT LABEL CAREFULLY BEFORE USE.

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SILTAC is a registered trademark of ICB Pharma. The SILTAC®EC formula is protected under the patent law.

REV-202108-1-2-0