



Akardo, CSC

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colloidal solution concentrate

spirodiclofen 250 g/L

Contact-action product of insecticide acaricidal chemical class to combat mites and other pests on apple, grapes, and soybean crops.

Advantages:

- A very powerful acaricidal effect due to the active substance of the new chemical class in the innovative formulation
- Special mode of action against all stages of mite development
- An active effect on populations resistant to conventional acaricides
- Additional action against armoured scales, slow worms, and planthoppers
- Translaminar effect
- Rapid action and high efficiency in all weather conditions

Action

Mode of action

Spirodiclofen inhibits lipid synthesis at all stages of the development of herbivory mites, i.e. eggs, larvae, protonymphs, deutonymphs, as well as in adult females. Ceasing of lipid production leads to impaired biochemical processes in the cells of tissues and, accordingly, to the death of insects. In view of its non-systemic action, the product is selective to the male insects, which do not harm the crop due to their inherent small numbers (the remaining males are destroyed by predatory mites)..

Protective effect period

Not less than 14 days.

Rate of exposure

High rate of toxic effect.

Usage regulations

Crop	Harmful object	Consumption rates of preparation, l/ha	Consumption rates of working liquid, l/ha	Method, treatment time, and application features	Safety intervals (treatment frequency)
Apple tree	Herbivory mites, California scale	0.4-0.6	600-1,200	Treatment during growing season	28 (2)
	Apple sucker		600-800		

Grapes	Spider mites, grape erineum mite, leafhoppers	0.4	600-1,000	Treatment during growing season	28 (2)
Soybean	Two-spotted spider mite	0.4-0.5	200-400	Treatment during growing season	28 (2)

Application method. Working solution preparation procedure

Prepare the working solution immediately before use and use it on the day of preparation. Fill the sprayer tank half full with water, start the stirrer, add the full dose of the product, and add the remaining water. Flush the product canister with water several times and pour the water into the sprayer tank. Mix the entire volume thoroughly.

Use the following remote ground garden sprayers.

Compatibility with other pesticides

The product is compatible with most pesticides in tank mixtures. However, in each case, a preliminary verification of the physical and chemical compatibility of the components to be mixed is required.

General information

Chemical class

ketoenols

Formulation

colloidal solution concentrate

Hazard Class

3, moderately hazardous substance

Shelf life

3 years

Storage temperature

-15 to +35°C

Package

5 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia