



Kaperang, SC

suspension concentrate

captan 500 g/L

Contact fungicide for disease prevention in gardens and vineyards

Advantages:

- Reliable prevention of a wide range of leaf and fruit diseases: scab, moniliosis, mildew, etc.
- The only liquid formulation of captan with maximum efficacy
- A unique mode of action based on three pathways of pathogen damage
- A go-to tool in anti-resistant garden protection programs
- As part of protective measures, improves marketable quality and shelf life of fruit

Action

Mode of action

The mode of action of captan on fungal cells is non-specific: the active ingredient inhibits biochemical processes involving enzymes and coenzymes containing sulfhydryl groups, and thiol-containing cell components, inactivates phosphorus conversion enzymes, and inhibits the biosynthesis of citrate from acetate. During interaction with cellular thiols, phosgene is formed, which reacts with proteins, amino acids, and other fungal cell components.

Product application features

- For optimal protection, it should be used in combination with systemic fungicides
- It's best to apply the product in the morning or in the evening, at a temperature not exceeding 25 °C
- Optimal water temperature for working liquid preparation is not less than +10 °C, water pH 5.0–5.5 (not more than 7.0)
- Do not use within 4 days before and after mineral oil-based pesticide application
- In case of rapid or mixed infections (ascospore and conidial stages), increase the consumption rate to maximum (3.0 L/ha)
- In case of stable scab, with a single type of infection in the garden, the consumption rate of 2.5 L/ha will be sufficient

Compatibility with other pesticides

Not compatible with mineral oil-based products (Product 30) and iron sulphate-based products, calcium hydroxide, copper-containing fungicides, and strongly alkaline products.

Usage regulations

Crop	Harmful object	Product consumption rate, L/ha	Working liquid consumption rate, L/ha	Method, time, features of application	Waiting time, days (number of applications)

Apple tree	Scab	2.5–3.0	800–1,000	Spraying of plants during the growing period, starting from the green cone phase, and then every 8–10 days	30 (3)
	Moniliosis		800–1,000	Spraying of plants during the growing period, in the pink bud phase, and then every 8–10 days	30 (2)
Grapes	Mildew	2.5–3.0	800–1,000	Spraying of plants during the growing period; first preventive spraying in the flower initiation phase, and then every 8–10 days	40 (5)

General information

Chemical class

phthalimides

Formulation

suspension concentrate

Hazard Class

2, highly hazardous substance

Shelf life

3 years

Storage temperature

-15 to +35°C

Package

10 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia