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Indigo, SC

suspension concentrate

tribasic copper sulfate 345 g/L

Contact fungicide of preventive action for the professional protection of gardens, vineyards and vegetables crop against a range of diseases..

Advantages:

- An essential element in modern systems of protection of gardens and vineyards
- An effective method to prevent a range of diseases
- A broad application window starting from early spring treatments
- Preservation of fungicidal efficacy at low air temperatures and heat
- High resistance to flushing from the surface of the plant

Action

Mode of action

Indigo, SC, is a contact fungicide and has protective properties. The active components of the fungicide, *copper ions*, penetrate phytopathogen cells where, interacting with various enzymes, they suppress their activity, impair respiration processes, and cause nonspecific denaturation of proteins. This leads to the cessation of the growth of spores and conidia of phytopathogenic fungi and blocking their penetration into the plant. The product is characterized by good adhesion and evenly covers the treated surface. After treatment, a rain-resistant protective layer is formed on the plant, which effectively suppresses the germination of fungal spores, preventing the further development and spread of pathogens and providing reliable protection even under adverse weather conditions.

Period of protective effect

7-14 days depending on weather conditions and infection load. After this period, retreatment is required.

Rate of exposure

It starts to act immediately after treatment.

Usage regulations

Crop	Harmful object	Consumption rate product, l/ha	Consumption rate working solution, l/ha	Method, time, features of application.	Safety interval, days (number of applications)

Apple tree, pear tree	Scab, frosty pod rot	3.0-5.0	800-1000	Spraying during the growing season, the first one at the stage of the "green cone," the next ones, at an interval of 7-10 days	15(4)
Grapes	Blossom blight, black spot	4.0-6.0	800-1000	Spraying during the growing season, the first one at the stage of the "green cone," the next ones, at an interval of 7-10 days	20(4)
	Mildew		800-1000	Spraying during the growing season, the first one is preventive, the next ones, at an interval of 7-10 days	20(4)
Peach, cherry, plum, sweet cherry	Frosty pod rot, shot-hole disease, leaf curl	4.0-5.0	800-1000	Spraying during the growing season, the first one when first signs of disease appear (before flowering), the next ones, at an interval of 7-10 days	7(4)
Potato	Late blight, Alternaria blight	4.0-5.0	200-400	Spraying during the growing season, the first one is preventive, the next ones, at an interval of 7-10 days	20(3)

Tomatoes	Late Blight of Tomato, Alternaria blight	4.0-5.0	400-600	21(3)	
Cucumbers	Downy mildew	4.0-5.0	600-800	7(3)	
Onion	Downy mildew	4.0-5.0	200-400	Spraying during the growing season, the first one is preventive, the next ones, at an interval of 7-12 days	7(3)

Recommendations for use

— The maximum fungicidal effect is found in the prophylactic use of the product until the disease symptom manifestation (germination of the pathogen spores or conidia).

— Strictly observe the intervals (7-10 days) between successive treatments to exclude infection of the new growth.

— When spraying, ensure a complete and uniform coating of the treated surface with the working solution.

— Perform treatments under favorable weather conditions: optimum humidity and air temperature in windless clear weather in the morning or evening.

— Avoid atmospheric fallout within 4-5 hours after treatment, do not spray immediately after rain.

Phytotoxicity

If used according to the recommendations, the product is not phytotoxic. In high humidity seasons, it can cause damage (formation of a "mesh" on fruits and burns of leaves) to some copper-sensitive apple varieties.

Probability of resistance

No cases of resistance have been reported.

Compatibility with other pesticides

Compatible with other pesticides, except the products that have a strongly acidic or strongly alkaline reaction. In each case, it is necessary to check the components to be mixed for compatibility.

General information

Chemical class

inorganic copper compounds

Hazard class

hazard class 3, moderate hazard

Guaranteed storage life

2 years

Storage temperature range

-10°C to +35°C

Package

10 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia