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Riviera, ME

New

pyraclostrobin 80 g/L + tebuconazole 80 g/L + difenoconazole 40 g/L

A highly effective protectant and curative fungicide for orchard and vineyard disease management program targeting a complex of diseases

Advantages:

— Exceptionally effective combination of strobilurins and triazoles in a ready-to-use mixture

— Broad-spectrum action against all economically significant diseases, including oidium and scab

— Strong curative effect and prevention of secondary infections

— Combined modes of action to prevent pathogen resistance development and provide greater flexibility in application timing

— Rapid uptake due to NANOformulation

— Easily integrates into the plant's defense system, halting the infection process at all stages

Action

Mode of Action

Pyraclostrobin, a strobilurin-class fungicide, exhibits contact and translaminar activity with protective, curative, and eradicant effects against a wide range of pathogens, including oomycete fungi. The active ingredient is rapidly absorbed by the plant and primarily retained in the leaf cuticular wax layer. As a result, a reservoir of active substance is formed on the leaf surface, which is not washed off by precipitation and provides long-lasting protection against fungal infections. Good translaminar movement through the leaf allows the product to control pathogens on both sides of the leaf. The component is most active in preventive treatments.

The mode of action of strobilurin is to inhibit mitochondrial respiration of pathogenic fungi; the germination of fungal spores into plant tissue is inhibited, and mycelial growth is blocked. It is a strong antisporulant.

It actively influences the biological and physiological reactions of plants, resulting in the green leaf effect, effective preservation of green matter and nutrient supply for a high-quality crop.

Difenoconazole and tebuconazole are triazole-class active ingredients with strong systemic properties but differing mobility within the plant. The mode of action is to inhibit sterol biosynthesis in fungal cells, thereby suppressing the growth of vegetative structures. Their systemic activity ensures distribution throughout the plant, reaching all sites of infection.

The pronounced synergism and complementary action of the three active ingredients – strobilurin and two triazoles – deliver prolonged protective activity, rapid and strong curative effects, and strong antisporulant action against a wide range of pathogens at all stages of infection (immediate arrest of disease development followed by eradicating effect and a durable preventive barrier).

Usage regulations

Crop	Harmful object	Consumption rate product, L/ha	Consumption rate working solution, L/ha	Method, timing, and application details	Waiting interval, days (application frequency)
Apple, pear	Scab, monilial fruit rot, Alternaria, powdery mildew, phyllosticta leaf spot	0.8–1.0	800–1000	Foliar spray during the growing season: 1st and 2nd applications at green cone and pink bud stages; subsequent applications at 7–14 day intervals	21(3)
Grape	Oidium, downy mildew, black spot, Alternaria	0.6–0.7	800–1000	Foliar spray during the growing season: 1st application as a preventive treatment; subsequent applications at 7–10 day intervals	21(3)

General information

Chemical class
strobilurins, triazoles

Formulation
microemulsion

Hazard Class

2, highly hazardous substance

Shelf life

2 years

Storage temperature

-15 to +35°C

Package

5 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia