

Dzhotto, SC

New

suspension concentrate

trifloxystrobin 375 g/L + difenoconazole 200 g/L

It is a combined protective-curative fungicide with a growthstimulating effect to protect crops of sugar and table beets, orchard and vineyards.

Advantages:

- This is a fungicide that has no analogues in the combination of active ingredients
- It is highly effective against a range of pathogenic fungi
- Combined mode of action: powerful protective shield with mesostemal action + systemic activity
- It has a long-term preventive and pronounced therapeutic effect with a greening effect
- Protection of new growth
- High resistance to rain wash-off
- Efficiency which does not depend on weather conditions

Action

Mode of action

Dzhotto, SC contains two active substances with different mode of action and distribution in the plant.

Trifloxystrobin belongs to the chemical class of strobilurins based on the methoxyaminoacetate (FRAC C3, Group 11); it ensures the fungicidal effect by inhibiting the mitochondrial respiratory chain of pathogenic fungi, inhibits the germination of fungal spores in plant tissue and blocks mycelial growth. It is a strong antisporeulant. It has contact and translaminar action with mesostemal activity. The high lipophilicity of trifloxystrobin contributes to its fixation on the treated plant surface and tight binding to the wax layer. The remaining amount of trifloxystrobin penetrates into deep tissues or onto the back surface of the leaf blade, providing protection against diseases of the untreated leaf surface. Trifloxystrobin, like all strobilurins, actively influences the biological and physiological reactions of plants, exhibiting a «green leaf effect,» maximizing the preservation of vegetative mass and the outflow of nutrients for the formation of a high-quality harvest.

Difenoconazole belongs to the chemical class of triazoles (FRAC G1, Group 3) and has a systemic effect; it penetrates into plant tissue, completely inhibits the growth of subcuticular mycelium, and reduces the level of pathogen sporulation. The mode of action is to inhibit the biosynthesis of sterols in fungal cells. Due to systemic action, it moves throughout the plant, reaching all areas where the infection is localized.

The product is absorbed by the leaves, providing an immunizing, protective and healing effects. It is the most reliable and effective triazole for the control of scab, powdery mildew and other important diseases of pomaceous and stone fruits.

Protective effect period

Up to 3 weeks.

Rate of exposure

The product is effective immediately after treatment.

Usage regulations

Crop	Harmful object	Product application rate, L/ha	Working liquid consumption rate, L/ha	Method, time of treatment, restrictions	Safety interval, days (application frequency)										
Sugar beet	Cercospora spot, powdery mildew, Phoma rot	0.2-0.3	200-400	Spray during the growing season: the first spraying should be preventive or when the first signs of one of the diseases appear; subsequent spraying should take place if necessary at intervals of at least 10-14 days	28(2)										
Table beet	Cercospora spot					Apple, pear and quince trees	Scab, powdery mildew	0.2-0.3	600-1000	Spray during the growing season: the first spraying should be preventive or when the first signs of one of the diseases appear; subsequent spraying should take place at intervals of at least 10-14 days	15(3)	Grapes	Powdery mildew	0.2-0.3	800-1000
Apple, pear and quince trees	Scab, powdery mildew	0.2-0.3	600-1000	Spray during the growing season: the first spraying should be preventive or when the first signs of one of the diseases appear; subsequent spraying should take place at intervals of at least 10-14 days	15(3)										
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General information

Chemical class

strobilurins, triazoles

Hazard class

Hazard Class 3, moderately hazardous substance

Shelf life

2 years

Storage temperature range

-15°C to +35°C

Packaging

PE container 5L

Registrant

Schelkovo Agrohimi, Russia

Manufacturer

Schelkovo Agrohimi, Russia