

Glucosei

STATE-OF-THE-ART COPPER COMPLEX



RESISTANCE



Highly assimilable
copper complex



Enhanced persistence
and controlled release



Excellent
penetration
and efficacy



Does not
stain crops



Reduces copper
accumulation
in soil



Glucosei is an innovative formulation based on organic copper salts. As a complexing agent for copper, gluconic acid has been used, which is part of many natural substances and ensures optimal assimilation by the plant.

MODE OF ACTION









Glucosei acts by contact and has a penetrating action.

Glucosei owes its powerful activity to its unique copper complex formulation. The gluconic acid surrounds the copper metal ions, which become protected in the form of an organic complex. This process considerably improves the qualities of Glucosei with respect to other types of copper compounds such as Bordeaux broth, oxides, hydroxides or oxychlorides.








The resulting structure preserves metal ion from the formation of insoluble compounds with other agents.

Glucosei slowly releases copper and allows to extend its activity for longer, achieving a continuous release.

BENEFITS

-  Wide activity spectrum.
-  Enables to reduce metal copper doses per hectare.
-  Longer persistency in crops.
-  Suitable for use in a wide range of crops.
-  Does not stain crops when applied.
-  Greatly reduced phytotoxicity risks and effects on beneficial fauna.
-  Less pollution and copper accumulation in the soil.
-  Post-harvest, application encourages healing in horticultural crops and in woody plants it induces leaf fall and vegetative dormancy.

USES

CROPS	DOSE		RECOMMENDATIONS
	FOLIAR APPLICATION	SOIL APPLICATION	
 Horticultural crops and berries	100-200 ml/hl (1-2 L/ha)	1-3 L/ha	Foliar application: Apply every 8-10 days depending on severity. Soil application: Apply according to crop needs.
 Stone and pome fruit trees and nuts	150-300 ml/hl (1-4 L/ha)	2-5 L/ha	Foliar application: Apply every 8-12 days depending on severity in swollen bud and pre-flowering. At the end of the growing season at maximum doses it causes defoliation in fruit trees. Soil application: Apply 2-3 times depending on the needs of the crop.
 Citrus, kiwi and tropical crops			
 Vines and table grapes	300-500 ml/hl (1-3 L/ha)	2-4 L/ha	Foliar application: Apply every 6-8 days depending on severity. Soil application: Apply according to crop needs.
 Ornamentals	100-200 ml/hl (1-2 L/ha)		
 Olive trees	200-400 ml/hl (1-4 L/ha)	2-5 L/ha	Foliar application: 1-2 applications in spring and autumn. Soil application: Apply according to crop needs.
 Industrial and extensive crops (cereals, rapeseed, cotton, etc.)	100-200 ml/hl (1-2 L/ha)	1-3 L/ha	Foliar application: Apply every 6-8 days depending on severity. Soil application: Apply according to crop needs.

MANAGEMENT

It is crucial to thoroughly drench all the leaf area. It is recommended to start treatments upon detection of the first symptoms or when environmental conditions favor rapid development. Applications should be carried out in the mornings to achieve quick drying of the vegetation cover.