

APPLICATION OF THE FERTILIZER

Liquid mineral fertilizer to be applied through the micro irrigation system (drip irrigation system and micro rain), watering and foliar application.

USE AND EFFECTS

Calcium chloride 30% is applied in the stage of fruit formation in order to remove the physiological deficiency of calcium, i.e. form solid and healthy fruits. Regular calcium nutrition, particularly in garden crops and fruits is very important for balanced potassium and magnesium nutrition. Calcium chloride 30% can be applied after fertilization to all outdoor seedling-derived horticultural crops. Foliar application in concentration of 0.5% is recommended minimum once in 7-10 days for soil with calcium deficiency. The application of Calcium chloride 30% can prevent chlorosis, i.e. provide stable yield of high quality. It prevents bitter spots on the fruit of apple, rotting of the fruit tip in pepper and tomato, leaf burning in lettuce, etc. Calcium chloride 30% is recommended to apply with the irrigation water. In cases when no micro irrigation techniques are applied, foliar application is recommended. The best effect is achieved with the combination of micro irrigation system and foliar application.

MANNER OF APPLICATION

Drip irrigation system and watering

Crop	Period of application	Number of applications	Dosage l/1000 m² with 1 application
Vegetable crops	Initial and mass fruit formation	4-5 applications every 7-10 days	4-5 l fertilizer with minimum 4,000 l water
Agronomy crops	During the vegetation	2 applications	3 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Growth of fruit*	4-5 applications every 7-10 days	4-5 l fertilizer with minimum 5,000 l water

*Fertigation at this stage can begin, provided that the field conditions allow that (dry spring and supply of irrigation water).

Foliar application

Crop	Period of application	Number of applications	Dosage ml/1000 m² with 1 application
Vegetable crops	Initial and mass fruit formation	3-4 applications every 10-14 days	200 ml fertilizer with 100 l water
Agronomy crops	During the vegetation	2 applications	200 ml fertilizer with 100 l water
Fruit crops and grapevine	Growth of fruit	3-4 applications every 10-14 days	200 ml fertilizer with 100 l water

The effect of foliar application is better in early morning or evening.

Liquid mineral fertilizer
Calcium chloride 30%

NOTE

Do not mix Calcium chloride 30% solution in the same tank with sulfate and phosphorous fertilizers as well as acids that are used as fertilizers. It is recommended to use Calcium chloride 30% separately because when combined with numerous pesticides it can decrease their effect due to degradation of their organic composition. Before each use, read the instructions from the manufacturer of protective equipment. Do not use it in protected area.

STORAGE

Store at a temperature higher than +10°C.

SHELF LIFE

5 years.

COMPOSITION	
Calcium oxide (CaO)	(15.0 ± 0.8) %
CaCl ₂	(30.0 ± 2.0) %