

### **APPLICATION OF THE FERTILIZER**

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

### **USE AND EFFECTS**

Calcium nitrate 40% is regularly applied in the stage of flowering, and particularly in the stage of fruit formation in order to form healthy fruits of fine coloring. Regular calcium nutrition, particularly in horticultural crops and fruits is very important for balanced potassium and magnesium nutrition.

Calcium nitrate 40% can be applied in other stages of growth and development as it contains nitrogen. Foliar application is recommended in concentration of 0.5% minimum once in 7-10 days for soil with calcium deficiency.

Calcium nitrate 40% application can prevent chlorosis, i.e. provides 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 nitrate 40% 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 m <sup>2</sup> with 1 application
Vegetable crops	Flowering and initial fruit formation	5 applications every 7-10 days	6 l fertilizer with minimum 4,000 l water
Agronomy crops	Beginning of vegetation or fruit formation	2-3 applications	5 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Fruit formation and growth of fruit-berry*	5 applications every 7 days	6 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 m <sup>2</sup> with 1 application
Vegetable crops	Flowering and initial fruit formation	4-5 applications every 10-14 days	400 ml fertilizer with 100 l water
Agronomy crops	At the beginning of vegetation or fruit formation	2-3 applications	300 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	4-5 applications every 10-14 days	400 ml fertilizer with 100 l water

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

*Liquid mineral fertilizer*  
*Calcium nitrate 40%*

**NOTE**

Do not mix the Calcium nitrate 40% solution in the same tank as sulfate and phosphorous fertilizers. It can be used separately or combined with numerous pesticides. Before each use, read the instructions from the manufacturer of protective equipment.

**STORAGE**

Store at a temperature higher than +10°C.

**SHELF LIFE**

5 years.

COMPOSITION	
Ca(NO <sub>3</sub> ) <sub>2</sub>	(40.0 ± 1.0) %
Calcium (Ca)	(9.7 ± 0.3) %
Total nitrogen (N)	(6.8 ± 0.2) %