

Liquid mineral fertilizer
4% Zinc
22% Zinc chelate with 10% ammonium nitrate

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

22% Zinc chelate with 10% ammonium nitrate is recommended at the beginning of vegetation and in the stage of leaf mass formation in agricultural crops.

22% Zinc chelate with 10% ammonium nitrate can be applied in other stages of growth and development of agricultural crops as it contains nitrogen as nutrient and can therefore be used for regular fertilization as well.

The application of 22% Zinc chelate with 10% ammonium nitrate prevents formation of abnormally small leaves, improves the entire growth of the plant, which results in proper development of plants, i.e. stable yield of high quality.

22% Zinc chelate with 10% ammonium nitrate is recommended to apply through irrigation water. In cases when no micro irrigation techniques are applied, foliar application is recommended. Foliar application for vegetable and agronomy crops is recommended to begin immediately after crops obtain sufficient leaf mass to absorb the solution, whereas for grapevine and fruit seedlings application is recommended during the vegetative cycle. Sprinkling is, however, not recommended during the flowering and immediately before the harvest. The best effect is achieved through combination of the 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	Beginning of vegetation to the stage of mass flowering	2-3 applications	1.5 l fertilizer with minimum 3,000 l water
Agronomy crops	During the vegetation (once the water application conditions allow it)	2-3 applications	1.5 l fertilizer with minimum 2,000-3,000 l water
Fruit crops and grapevine	Once the water application conditions allow it, until the middle of the growth of fruit-berry stage	2-3 applications	2 l fertilizer with minimum 3,000-4,000 l water

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Foliar application

Crop	Period of application	Number of applications	Dosage ml/1000 m ² with 1 application
Vegetable crops	Beginning of vegetation, until the stage of mass flowering	2 applications every 10-14 days	200 ml fertilizer with 100 l water
Agronomy crops	Beginning of vegetation	2 applications every 10-14 days	200 ml fertilizer with 100 l water
Fruit crops	After bud opening	1-2 applications every 10-14 days	250 ml fertilizer with 100 l water
	After the harvest before the leaf fall	1 application	
Grapevine	After bud opening, to the middle of the berry growth stage	2-3 application	200 ml fertilizer with 100 l water

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

NOTE

It can be mixed with most fertilizers in fertigation solutions except the ones having strong acidic and alkaline reaction. Do not mix it in the same tank with calcium ammonium nitrate and calcium nitrate solutions. It can be used separately or combined with numerous pesticides. Before each use, read the instructions from the manufacturer of protective equipment. Do not mix it with bordeaux mixture and other strong alkaline agents for protection.

STORAGE

Store at a temperature higher than +10°C.

SHELF LIFE

2 years.

COMPOSITION	
Zinc (Zn)	(4.0 ± 0.3) %
Zn(NH ₄) ₂ EDTA	(22.0 ± 1.0) %
NH ₄ NO ₃	(9.7 ± 0.7) %