

Liquid mineral fertilizer
3% Iron
20% Iron chelate with 14% 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

3% Iron (20% Iron chelate with 14% ammonium nitrate) is a product that can be applied in all stages of growth and development of plants, particularly recommended when the first signs of chlorosis appear on leaves of agricultural crops. This chelate product contains ammonium nitrate that provides a balanced nutrition and therefore it can be used for regular fertilization in order to improve the quality of the product. The application of 3% Iron (20% Iron chelate with 14% ammonium nitrate) can prevent the physiological disorder known as chlorosis - which results in proper development of plants, i.e. stable yield of high quality.

3% Iron (20% Iron chelate with 14% 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 horticultural 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	Initial and mass fruit formation	4 applications every 7-10 days	3-4 l fertilizer with minimum 4,000 l water
Agronomy crops	During the vegetation	2 applications	2 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Growth of fruit-berry*	4 applications every 10-12 days	3-4 l fertilizer with minimum 4,500 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 applications every 10-14 days	300-400 ml fertilizer with 100 l water
Agronomy crops	During the vegetation	2 applications	200-300 ml fertilizer with 100 l water
Fruit crops and grapevine	Growth of fruit-berry	3 applications every 10-14 days	300-400 ml fertilizer with 100 l water

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

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	
Iron (Fe)	(3.0 ± 0.2) %
FeNH ₄ EDTA	(20.0 ± 1.0) %
NH ₄ NO ₃	(14.0 ± 1.0) %