

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

NPK 31-0-0 can be widely used in agricultural production in all stages of growth and development of agricultural crops, particularly recommended in the stage of vegetative growth, flowering and initial fruit formation.

NPK 31-0-0 is a fertilizer in which nitrogen can be found in all three forms (ammonia, nitrate and amide), which ensures safe and balanced nitrogen nutrition. It is particularly recommended for nitrogen deficiency soil but with other macronutrients provided. Due to its unique formulation, it can be easily combined with other individual and complex fertilizers. As a result of applying NPK 31-0-0, plants properly grow, bloom and form vegetative mass of high quality, i.e. provide stable yield of high quality.

NPK 31-0-0 is recommended to apply through the drip irrigation system and it can also be applied through micro rain, foliar application or watering. It can be combined with micro irrigation system and foliarly.

MANNER OF APPLICATION

Drip irrigation system and watering

Crop	Period of application	Number of applications	Dosage l/1000 m² with 1 application
Vegetable crops	Flowering and initial fruit formation	6 applications every 4-5 days	6 l fertilizer with minimum 4,000 l water
Agronomy crops	Beginning of vegetation or fruit formation	3 applications	5 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Fruit formation and growth of fruit-berry*	4 applications every 6 days	6 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	Flowering and initial fruit formation	1-2 applications every 15-20 days	200 ml fertilizer with 100 l water
Agronomy crops	Beginning of vegetation or fruit formation	2-3 applications	400 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	1-2 applications every 15-20 days	200 ml fertilizer with 100 l water

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

Liquid mineral fertilizer
NPK 31-0-0

NOTE

NPK 31-0-0 can be used separately or combined with numerous other fertilizers but do not mix it with acids used as fertilizers, calcium ammonium nitrate or calcium nitrate solutions. Do not mix it with bordeaux mixture and other strong alkaline and acidic agents. When combined with pesticides, it is recommended to read the instructions for application of the pesticide or its active component.

STORAGE

Store at a temperature higher than +10°C.

SHELF LIFE

5 years.

COMPOSITION	
Total nitrogen (N)	(31.0 ± 1.0) %
NH ₄ NO ₃	(37.0 ± 2.0) %