

## **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**

Ammonium nitrate 50% is a liquid mineral nitrogen fertilizer whereby nitrogen can be found in ammonia and nitrate form, thus ensuring balanced nutrition of plants. Ammonium nitrate 50% can be widely used in agricultural production (gardening, orchardry, viticulture, agronomy) in all stages of growth and development of agricultural crops, particularly recommended in the stage of vegetative growth, flowering and initial fruit formation.

Ammonium nitrate 50% is recommended for soil with great nitrogen deficiency but other macronutrients well supplied. Due to its unique formulation, it can be easily combined with other individual or complex fertilizers. As a result of applying Ammonium nitrate 50%, plants properly grow, form vegetative mass of high quality, i.e. provide stable yield of high quality.

Ammonium nitrate 50% 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**

<b>Crop</b>	<b>Period of application</b>	<b>Number of applications</b>	<b>Dosage l/1000 m<sup>2</sup> with 1 application</b>
Vegetable crops	Flowering and initial fruit formation	6 applications every 4-5 days	8 l fertilizer with minimum 4,000 l water
Agronomy crops	Beginning of vegetation or formation of fruits	3-4 applications	6 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	8 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**

<b>Crop</b>	<b>Period of application</b>	<b>Number of applications</b>	<b>Dosage ml/1000 m<sup>2</sup> with 1 application</b>
Vegetable crops	Flowering and initial fruit formation	1-2 applications every 15-20 days	250 ml fertilizer with 100 l water
Agronomy crops	Beginning of vegetation or formation of fruits	2-3 applications	500 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	1-2 applications every 15-20 days	250 ml fertilizer with 100 l water

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

*Liquid mineral fertilizer*  
*Ammonium nitrate 50%*

**NOTE**

Ammonium nitrate 50% can be used separately or combined with numerous other fertilizers, but it is not recommended to mix it with 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)	(17.5 ± 0.7) %
NH <sub>4</sub> NO <sub>3</sub>	(50.0 ± 2.0) %