

**Liquid mineral fertilizer**  
**NPK 12-5-7 + ME**

**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**

Alongside essential nutrients necessary for proper growth and development of agricultural crops, NPK 12-5-7 + ME contains micronutrients as well (B, Cu, Mn and Zn), thus ensuring balanced nutrition of agricultural crops.

NPK 12-5-7 + ME can be applied in all stages of growth and development of plants, particularly recommended in the stage of vegetative growth or at the beginning of fruit formation. As a result of applying NPK 12-5-7 + ME, plants properly grow, bloom and form fruits, i.e. provide stable yield of high quality. In fruit and grapevine types a successful formation of buds is achieved for the following year and they also endure better the early autumn and late spring frost.

NPK 12-5-7 + ME 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	4 applications every 4-5 days	3-4 l fertilizer with minimum 3,000 l water
Agronomy crops	Beginning of the vegetation or fruit formation	3 applications	2-3 l fertilizer with minimum 2,000-3,000 l water
Fruit crops and grapevine	Fruit formation and growth of fruit-berry*	4 applications every 5-6 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 m <sup>2</sup> with 1 application
Vegetable crops	Flowering and initial fruit formation	2-3 applications every 10-14 days	300 ml fertilizer with 100 l water
Agronomy crops	Beginning of vegetation or fruit formation	2 applications	300 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and growth of fruit-berry	2-3 applications every 10-14 days	400 ml fertilizer with 100 l water

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

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**NOTE**

NPK 12-5-7 + ME can be used separately or combined with numerous pesticides. The order of dissolving is as follows: water - NPK 12-5-7 + ME - pesticides. Do not mix it with bordeaux mixture and other strong alkaline agents.

**STORAGE**

Store at a temperature higher than +10°C.

**SHELF LIFE**

5 years.

<b>COMPOSITION</b>	
Total nitrogen (N)	(12.0 ± 0.7) %
Phosphorous (P <sub>2</sub> O <sub>5</sub> )	(5.0 ± 0.5) %
Potassium (K <sub>2</sub> O)	(7.0 ± 0.5) %
<b>Microelements</b>	
B, Cu, Mn, Zn	