

### **APPLICATION OF THE FERTILIZER**

Liquid mineral fertilizer to be applied through the micro irrigation system (drip irrigation and micro rain), watering and foliar application.

### **USE AND EFFECTS**

NPK 3-10-22 can be applied in all stages of growth and development of plants and it is particularly recommended before the flowering begins, and in the stage of flowering and fruit formation.

Regular application of NPK 3-10-22 is efficient in cases of phosphorus and potassium deficiency in plants, it ensures proper growth of root, improves growth of plant, which results in stable yield of high quality. NPK 3-10-22 also meets the needs for nitrogen, which is another important macronutrient needed for proper nutrition of plants.

NPK 3-10-22 is recommended to apply with irrigation water through the micro irrigation system, whereas in cases when no micro irrigation techniques are applied, foliar application is recommended. Having optimal supply with all the nutrients through the soil and optimal soil moisture provided, the foliar application gives excellent result.

### **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 fruit formation	7 applications every 5-6 days	5 l fertilizer with minimum 5,000 l water
Agronomy crops	During the vegetation (once the conditions allow water application)	2-3 applications	3 l fertilizer with minimum 3,000 l water
Fruit crops and grapevine	Fruit formation*, growth and ripening of fruit-berry	7 applications every 5-6 days	4-5 l fertilizer with minimum 5,000 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 fruit formation	2-3 applications every 10-14 days	400 ml fertilizer with 100 l water
Agronomy crops	During the vegetation	1-2 applications	200 ml fertilizer with 100 l water
Fruit crops and grapevine	Flowering and fruit formation	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.

*Liquid mineral fertilizer*  
*NPK 3-10-22*

**NOTE**

It can be mixed with all fertilizers in fertigation solutions. It can be mixed with most pesticides by dissolving the pesticides first and adding the fertilizer afterwards. Before each use, read the instructions from the manufacturer of protective equipment.

**STORAGE**

Store at a temperature higher than +10°C.

**SHELF LIFE**

5 years.

<b>COMPOSITION</b>	
Total nitrogen (N)	(3.0 ± 0.3) %
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	(10.0 ± 0.7) %
Potassium (K <sub>2</sub> O) <sup>1</sup>	(22.0 ± 1.0) %

<sup>1</sup>Potassium is derived from Potassium acetate and Dipotassium hydrogen phosphate.