

Potassium Sulphate

Potassium (K) is an essential macronutrient for plants and is involved in many physiological processes. It has an important role for crop yield as well as for the quality of edible parts of crops. Potassium is known as a nutrient to prevent many environmental stresses in field and orchards.

Potassium fertilizer is commonly added to improve the yield and quality of plants growing in soils that are lacking an adequate supply of this essential nutrient. Padana potassium sulphate fertilize is manufactured in **TOPUSING** company. The solubility of this product is very high.

Benefits

- Increases the resistance of plants to drought, cold and disease
- Prevents the accumulation of nitrate in the plant tissue
- Fast correction of the potassium deficiency symptoms
- Improves the quality of the color and taste of fruits
- Regulates the osmotic pressure of the plant leaf

Composition (W/W) %

K₂O	52
SO₄²⁻	46
S	18

Crops	How to use	Dosage	Time
Field Crops	Foliar Application	2 – 3 kg/ha	2 to 3 stages at the mid of the growing stages
Field Crops	Fertigation	10 – 20 kg/ha	2 to 3 stages at the mid of the growing stages
Fruit trees	Foliar Application	3 - 5 kg per 1000 liters of water per hectare	2 to 3 stages at the mid of the growing stages
Fruit trees	Fertigation	15 – 30 kg/ha	2 to 3 stages at the beginning of the growing stages
Pistachio	Fertigation	35 – 40 kg/ha	April to August
Summers	Fertigation	5 - 10 kg/ha	5 - 7 leaf stage, before flowering and after fruit formation
Potato	Fertigation	10 - 15 kg for each Tree	After tilling, before flowering, two weeks after flowering
Corn	Fertigation	15- 20 kg/ha	4-leaf stage and before the appearance of male inflorescences
Sugar cane	Fertigation	10 - 15 kg for each Tree	After the winter cold and two months later
Greenhouse plants	Fertigation	10 kg /ha	Before flowering and repeat every 15 days