



# FrutaLiv®

**STIMULATES FRUIT SETTING,  
FATTENING AND COLORATION FOR  
VEGETABLES AND FRUIT TREES**



## Benefits of its use

**FRUTALIV** is a biostimulant specifically designed to be applied during fructification, increasing fruit setting and fruit fattening. Crops treated with **FRUTALIV** show also an increase in fruit quality parameters such as fruit weight and size, sugar content, firmness and precocity.

**FRUTALIV** improves pollen quality, thus increasing fertilization and fruit setting. **FRUTALIV** content in micronutrients activates several metabolic pathways, including auxin biosynthesis (involved in fruit growth), photosynthesis (increasing energy and photoassimilates to boost fruit growth) and protein biosynthesis (biomass production for fructification). **FRUTALIV** has also an effect on fruit maturation, leading to harvest precocity with higher fruit quality thanks to its effect on organoleptic properties.

## Composition

	(%w/w)
L-free amino acids <sup>1</sup>	4,0
Phosphorous (P <sub>2</sub> O <sub>5</sub> )	12,0
Potassium (K <sub>2</sub> O)	16,0
Boron (B) soluble in water	0,50
Molybdenum (Mo) soluble in water	0,05
Copper <sup>2</sup> (Cu) soluble in water	0,07
Iron <sup>2</sup> (Fe) soluble in water	0,02
Manganese <sup>2</sup> (Mn) soluble in water	0,01
Zinc <sup>2</sup> (Zn) soluble in water	0,002

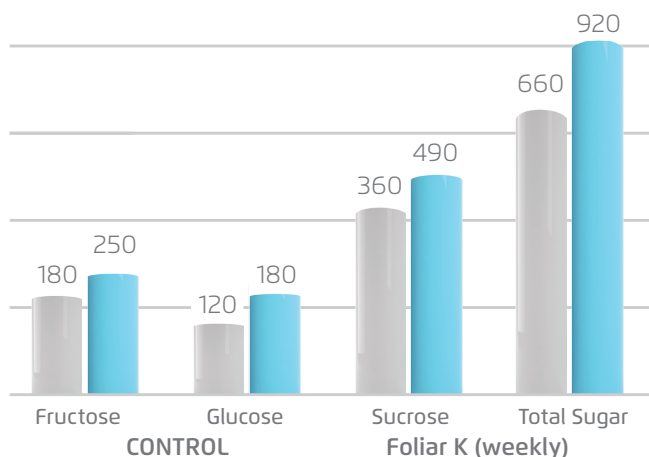
<sup>1</sup>Amino acids produced by fermentation with *Brevibacterium sp.* bacteria and enzymatic hydrolysis of vegetal proteins.

<sup>2</sup>Micronutrients 100% quelated with EDTA.

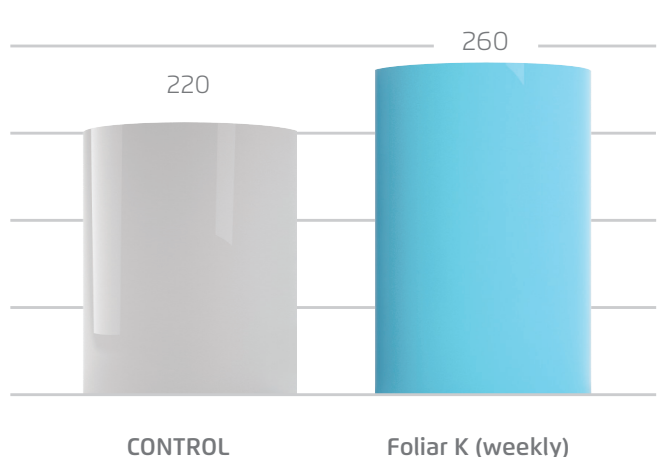
## Efficacy Trials

*Effect of the applications of foliar potassium on quality parameters in melon (Source: Lester et al., 2010)*

Content of soluble sugars (mg/g of dry weight)

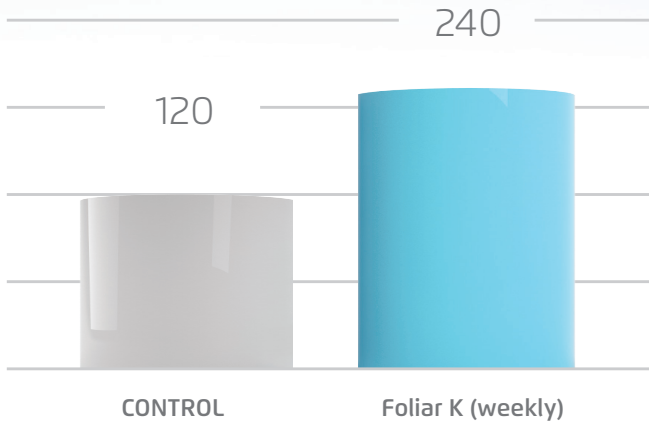


Content of ascorbic acid (mg/Kg of fresh weight)





Content of  $\beta$ -carotene, coloration of the pulp ( $\mu\text{g/g}$  dry weight)



FRUTALIV improves fruit coloration and quality

### Application System

Apply during fruit setting, fattening and fruit coloration. In leaf vegetables apply 3-4 times along the crop cycle. Foliar applications are recommended. **FRUTALIV** can also be applied through fertigation, in drip irrigation, drench and hydroponics.

### Stability And Storage

**FRUTALIV** is stable during at least 3 years from the manufacture date.

Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for prolonged periods under direct sunlight.

Keep away from children.

Do not eat, drink or smoke while handling this product.

### Dosages

CROPS	L/Ha	CC/100L	OBSERVATIONS
Vegetables	4 - 6	200	Application every 20 days
Cucumber, melon, watermelon	5	200-300	Application since flowering. 4 applications minimum every 10 days
Lettuce, cabbage, brocoli	4	200-300	Application from the second week after transplantation. Minimum 3 applications every 10 days.
Strawberries, berries	6	300	Application every 15 days from green button to harvest.
Fruit trees	6	300	3-4 applications every 10 days since flowering.
Citrus	6	300	3-4 applications every 10 days since flowering.
Subtropical fruits	6	300	Vegetative growth (2 x 0,2%), flowering (0,2%), fruit setting (0,3%), fruit fattening (2 x 0,2%)
Vineyard	5	300	Application since opening of the buds (2 x 0,2%), fruit setting (0,3%), berry maturation (0,2%)
Olive trees	5	200	Application 3 times, from flowering every 10 days
Potato	3	200	Application 4 times, from flowering every week

### Compatibility

**WARNING:** Do not mix with products containing calcium.

For mixing with any other product conduct a test in a small volume to assess compatibility.

If you have any doubt, please contact your local distributor for technical advice.