

# KINGLIFE Line



## NPK WATER SOLUBLE FOLIAR FERTILIZERS WITH MAXIMUM SOLUBILITY AND QUICK AVAILABILITY

**KINGLIFE LINE** is a range of water-soluble microcrystalline foliar fertilizers, deriving from selected raw materials of the highest quality and purity, free from sodium, chlorides, carbonates and other insoluble or toxic substances.

**KINGLIFE** formulas are tailored for foliar spraying and they are easily absorbed by plants: they nourish plants, meeting their precise needs during the entire crop cycle for maximum yields and top quality.

Moreover, every formula contains a high concentration of micronutrients in form of EDTA chelates that integrates the nutritional uptake and increases products effectiveness.

The full solubility allows for easy tank mixing and eliminates any risk of spray and blockage.

### WHY CHOOSE THE KINGLIFE LINE

**FAST AND EFFECTIVE  
NUTRITIONAL ACTION**

**HIGH SOLUBILITY EVEN IN LOW  
WATER VOLUMES**

**CONTAINS CHELATED  
MICRONUTRIENTS EASILY  
AVAILABLE**

### APPLICATION RATES

CROPS	DOSES FOLIAR*	STAGES AND RECOMMENDATIONS
FRUIT TREES, GRAPES, CITRUS, OLIVE TREES	3 - 5 kg/ha	Apply each formula according to crop stage and needs
GREENHOUSE HORTICULTURE	150 - 250 g/hl	
HORTICULTURE IN OPEN FIELD, INDUSTRIAL AND EXTENSIVE CROPS	2.5 - 4.5 kg/ha	
NURSERIES	1 - 1.5 kg/ha	
FLOWERS AND ORNAMENTALS	1.5 - 2.5 kg/ha	
ARABLE CROPS	2.5 - 4.5 kg/ha	

\*Foliar applications referred to standard water volumes

COMPOSITION % w/w													
KINGLIFE	N-tot %	N-nit %	N-amm %	N-ur %	P <sub>2</sub> O <sub>5</sub> sol in H <sub>2</sub> O %	K <sub>2</sub> O sol in H <sub>2</sub> O %	MgO sol in H <sub>2</sub> O %	B sol in H <sub>2</sub> O %	Cu (EDTA) sol in H <sub>2</sub> O %	Fe (EDTA) sol in H <sub>2</sub> O %	Mn (EDTA) sol in H <sub>2</sub> O %	Mo sol in H <sub>2</sub> O %	Zn (EDTA) sol in H <sub>2</sub> O %
<b>30-10-10+MICRO</b>	30	3.8	3.7	22.5	10	10	-	0.05	-	0.1	0.05	0.001	0.01
<b>20-20-20+MICRO</b>	20	6.0	5.1	8.9	20	20	-	0.02	0.05	0.1	0.05	0.001	0.05
<b>12-48-8+MICRO</b>	12	2	10	-	48	8	-	0.05	-	0.1	0.05	0.001	0.01
<b>3-5-40+3+MICRO</b>	3	3	-	-	5	40	3	0.05	-	0.1	0.05	0.001	0.01

PHYSICAL AND CHEMICAL PROPERTIES			
KINGLIFE	Water solubility at 20°C (g/l)	pH (1% w/w aqu. sol.)	Electrical conductivity 1 g/l aqu. sol. (µS/cm)
<b>30-10-10+MICRO</b>	550	6.5 ± 0.5	750
<b>20-20-20+MICRO</b>	520	6.5 ± 0.5	900
<b>12-48-8+MICRO</b>	435	6.0 ± 0.5	1100
<b>3-5-40+3+MICRO</b>	410	4.5 ± 0.5	1250

# KINGLIFE Line



## KINGLIFE 20-20-20+MICRO

is a complete foliar feeding product that will help prevent deficiencies of all major and minor elements, especially in stressed or poor growing circumstances where root uptake is difficult (e.g. cold, wet weather conditions, high soil pH).

**KINGLIFE 20-20-20+MICRO** is suitable for any phenological stage of flower, horticultural and fruit crops. The high content of macro nutrients fullfills crops needs in the crop cycle, from post flowering to ripening. Also, due to its pure ingredients, it will give a fast response. Thanks to the chelating formula, **KINGLIFE 20-20-20+MICRO** guarantees good uptake through the leaves and prolonged availability of microelements.



## KINGLIFE 12-48-8+MICRO

is formulated from the purest, raw materials available. This purity allows for complete solubility in cold water and delivers a fast crop reaction.

High P is the most efficient way of providing soluble phosphate to help re-establish vegetable transplants and for root development.

**KINGLIFE 12-48-8+MICRO** is best applied to young plants after root growing has stopped and phosphate is hardly taken up by the roots.



## KINGLIFE 3-5-40+3MgO+MICRO

is a foliar feed that cures and prevents potassium and micronutrient deficiencies.

This is most evident in poor growing conditions where nutrient uptake via the roots is difficult. It promotes early ripening, enhanced colour and an increase in sugar content and hardness of fruit crops.

Since it is made up of the purest raw ingredients, **KINGLIFE 3-5-40+3MgO+MICRO** achieves quick crop reactions.



## KINGLIFE 30-10-10+MICRO

is a fertilizer in crystalline form for foliar application intended for general use during the entire plant development period and fruit-growing.

**KINGLIFE 30-10-10+MICRO**, thanks to its high nitrogen content, is especially recommended during intensive periods of plant growing and yield building.

The presence of micronutrients in the fertilizer, in addition to the synergistic effect with macro elements, helps to prevent possible deficiencies.