



## FLUID ORGANO-MINERAL FOLIAR FERTILIZERS WITH HIGH CONCENTRATION OF PHOSPHORUS ( $P_2O_5$ )

Line of special fertilizers containing phosphorus derived from phosphorous acid:  
**Marketing permitted only in countries outside the European Union (EU)**



- RAPID PENETRATION INTO PLANT TISSUE
- HIGH PHLOEM AND XYLEM MOBILITY
- STIMULATE PLANTS TO PRODUCE PHYTOALEXINS
- IMPROVE VEGETATIVE GROWTH AND HEALTH STATUS OF PLANTS



### PACKAGE

Bottles 1 L (12x1)  
Jerrycans 5 L (4x5)  
Jerrycans 20 L  
Tank 1000 L



### FEATURES

**FITOFOL P ORG** is a special family of high-quality fluid fertilisers designed to meet the nutritional requirements of different crops. The uniqueness of these products lies in the fact that the  $P_2O_5$  comes from phosphorous acid, which is salified with other cations (Potassium, Magnesium, Calcium, Copper, Zinc and Manganese) obtained by reaction. They are characterised by a fast ascending and descending system, rapid penetration into the plant tissues and have a nourishing and corrective activity at the same time. The special chemical formula of the phosphite ion increases the rate of uptake of the constituents both by the foliar and root systems, thereby enhancing their mobility within the plant.

The specially designed **FITOFOL P ORG** stimulates the plants to produce more phytoalexins (natural substances with known self-defence functions) and thus increases their biological resistance to biotic and abiotic adversities.

**FITOFOL P ORG** ultimately allows the use of a single product to improve not only the vegetative-productive growth of plants but also their general health status.

### PRODUCTS

<b>FITOFOL PK/N (2-24-17)</b>	Organo-mineral NPK fertilizer in suspension + C 2 - 24 - 17 + 3
<b>FITOFOL P/Mg ORG (3-26-6)</b>	Organo-mineral fertilizer NP (MgO) in suspension with microelements 3-26 (6) +3C
<b>FITOFOL P/Ca ORG (3-20-5)</b>	Organo-mineral fertilizer NP (CaO) in suspension 3-20 (5) +3C
<b>FITOFOL P/CHEL ORG (3-27-18)</b>	Organo-mineral fertilizer NP (CaO-MgO) in suspension with microelements 3-27 (3-2) +3C
<b>FOSFÒ NPK 11.11.11 ORG + Fe EDTA + MICRO</b>	Organo-mineral fertilizer NPK in suspension with microelements 11-11-11
<b>FOSFÒ ZIN 3.40 ORG +7 Zn (0,2 Mn) (7,0 Zn)</b>	Organo-mineral fertilizer NP in suspension with microelements 3-40 + 7 Zn (0,2 Mn)

## EFFECTS AND BENEFITS

## FITOFOL PK/N

High **P/K contribution** - Thickening of leaf blade - stimulation of flowering and root system - improvement of ripening - improvement of general plant health - reduction of biotic and abiotic adversities - improvement of vegetative and productive development.

## FITOFOL P/Mg ORG

High **P/Mg supply** - improvement of photosynthetic processes - resolution of physiopathologies due to magnesium deficiency (chlorosis, apical rot...) - resolution of physiological dryness of vegetable leaves (endives, lettuces, melons...) - enhancement of natural self-defences - improvement of vegetative and flowering.

## FITOFOL P/Ca ORG

Resolution of phosphorus and calcium deficiency physiopathologies: increase in tissue consistency - fruit splitting (CRACKING) - apical rot - TIP BURN - physiological drying of vegetable leaves (endives, lettuces, melon...) - induction and strengthening of endogenous resistance.

## FITOFOL P/CHEL ORG

High **intake of Phosphorus, Calcium, Magnesium and Copper (EDTA)**: Encourages the translocation of various elements within the plant Increases tissue consistency, increases **SHELF-LIFE** - Prevents CRACKING, apical fruit rot and leaf flap necrosis (TIP BURN) - Stimulates flowering - Stimulates the production of natural self-defence substances (PHYTOALESSINS).

## FITOFOL P/Cu ORG

Production of phytoalexins - resolution of (P/Cu) deficiency physiopathologies - containment of vegetative excesses - improvement of the general health status of plants - antibacterial activity - antimicrobial activity.

## FOSFÒ NPK 11.11.11 ORG + Micro

is a high quality liquid fertilizer with a balanced content of Nitrogen, Phosphorus, Potassium and chelated Microelements, usable in all crops in different phenological states. Applicable both by fertigation, nebulization and foliar application, and thanks to its ascending and descending system, it shows an immediate nutritional activity on plants and makes crops more resistant to plant diseases.

## FOSFÒ ZIN 3.40 ORG + 7,0 Zn + (0,2 Mn)

Ideal for post-sowing and post-transplanting application, to help overcome germination and rooting difficulties in the initial stages. Zinc is also a catalyst for the synthesis of tryptophan (precursor amino acid of indole acetic acid, a natural auxinic substance that regulates growth) which stimulates root growth and vegetative-productive development. Applicable both by fertigation and by foliar application, thanks to its ascending and descending system, it shows an immediate nutritional activity on plants and makes crops more resistant to plant diseases.

## DOSES AND METHODS OF USE

## CROPS

## FOLIAR APPLICATION



**Fruit crops** (table grapes, wine grapes, pear, apple, nectarines, peach, cherry, apricot, kiwi etc.) - **Tropicals** (banana, mango, etc.)

250-350 ml/hl, 2-3 applications from the beginning of vegetative recovery (*suspend use from post-fruit setting*)

**Citrus, Olive oil and table olives**

250-350 ml/hl, 2-3 applications from the beginning of vegetative recovery (*suspend use from post-fruit setting*)

**Horticultural and industrial field crops**  
(ind. and table tomatoes, peppers, aubergines, potatoes, strawberries, artichokes, watermelons, melons, borlotti beans, sugar beets, etc.)

250-350 ml/hl, 2-3 applications from pre-flowering onwards (*suspend use from post-fruit setting*)

**Greenhouse horticultural crops - Leafy and cut vegetables - Aromatics**

200-250 ml/hl Interventions up to mid-cycle

**Floriculture, Ornamentals, Cut Flowers, Turfgrass and Potted Plants**

150-200 ml/hl make periodic interventions (every 15-20 days)

## CROPS

## FERTIGATION



All crops

1-2 l/1000 m<sup>2</sup> up to post-flowering

## COMPOSITION

CHEMICAL  
PHYSICAL PROPERTIES

PRODUCT	Tot. N.	Organic N.	Ureic N.	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	CaO Sol. in H <sub>2</sub> O	Cu Sol. in H <sub>2</sub> O	Zn Sol. in H <sub>2</sub> O	Organic carbon	pH Sol. 1%	Density
<b>FITOFOL PK/N</b>	<b>2,0</b>	<b>0,4</b>	<b>1,6</b>	<b>24,0</b>	<b>17,0</b>					3,0	5,5	1,380
<b>FITOFOL P/Ca ORG</b>	<b>3,0</b>	<b>0,3</b>	2,7	<b>20,0</b>			<b>5,0</b>			3,0	2,0	1,250
<b>FITOFOL P/CHEL ORG</b>	<b>3,0</b>	<b>0,3</b>	2,7	<b>27,0</b>	<b>18,0</b>	<b>2,0</b>	<b>3,0</b>	0,05		3,0	2,0	1,330
<b>FITOFOL P/Mg ORG</b>	<b>3,0</b>	<b>0,3</b>	2,7	<b>26,0</b>		<b>6,0</b>				3,0	2,0	1,300

PRODUCT	Tot. N.	Organic N.	Ureic N.	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	Fe EDTA	Mn EDTA	Zn Sol. in H <sub>2</sub> O	Zn EDTA	Organic carbon	pH Sol. 1%	Density
<b>FOSFÒ NPK 11.11.11 ORG</b>	<b>11,0</b>	<b>0,3</b>	10,7	<b>11,0</b>	<b>11,0</b>		<b>0,05</b>	<b>0,06</b>		<b>0,05</b>	3,0	7,0	1,280
<b>FOSFÒ ZIN 3.40 ORG</b>	<b>3,0</b>	<b>0,3</b>	2,7	<b>40,0</b>				<b>0,02</b>	<b>7,0</b>		3,0	2,0	1,450



Before use, carefully read the hazard (H) statements on page 172.

