



# Fosfi Activ

NPK 7-29-20 | NPK 16-16-16  
 NPK 16-16-16 with micro | PK 51-9  
 PK 10-50 | PK 33-33 | Fosfi Mag NP

Specialized NPK fertilizers with micronutrients and unique phosphorus form



Nature enhanced  
[www.arkop.com](http://www.arkop.com)

The **Fosfi Activ** line is designed for foliar nutrition of crops, fruit and vegetables, comprising of the highest quality macronutrients – nitrogen, phosphorus and potassium, in an easily assimilable form.

In addition, due to its composition and the unique phosphite form of phosphorus, the **FosfiActiv** line indicate a fungistatic and bacteriostatic activity.

**Fosfi Activ** activates the immune system of plants that results from the synthesis of phytoalexins and improves functioning and growth of plants exposed to stress conditions.

### Application:

The fertilizer is designed for foliar nutrition in the form of spray or micro-irrigation system. **Fosfi Activ** may be used separately as an aqueous solution or combined with Magnesium Sulphate Monohydrate. In order to achieve the best results we recommend using **Fosfi Activ** with suitable other foliar fertilizers, such as:

**Actipol** – micronutrient chelates: iron, manganese, zinc, copper, molybdenum and cobalt

**ActiPlon** – crystalline fertilizers with chelated micronutrients

**ActiBor** – liquid fertilizer with boron

**SuperActibor / Boron Forte** – crystalline fertilizers with boron

**Siarkomag** – suspension fertilizer with sulphur

### Results of Fosfi Activ use:

- Activation of the immune system of plants
- Reduced plant susceptibility to diseases caused by fungi
- Improved functioning and growth in stress conditions
- Enhanced colour of fruits

Product	Nutrients % [m/v]								
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	B	Cu	Fe	Mn	Mo	Zn
<b>NPK 7-29-20</b>	7	29	20						
<b>NPK 16-16-16</b>	16	16	16						
<b>NPK 16-16 16 + micro</b>		51	9	0,01	0,0026	0,026	0,013	0,001	0,0026
<b>PK 10-50</b>		10	50						
<b>PK 33-33</b>		33	33						
<b>PK 51-9</b>		51	9						
Nutrients % [m/m]									
<b>FosfiMag NP</b>	3	37	10						

## Fosfi Activ NPK 7-29-20

Crops	Time of application	Dosage [l/ha]
Winter cereals	1 - Autumn in the phase of 3-6 leaves 2 - Tillering 3 - Opening of the flag leaf sheath	2-3
Spring cereals	Tillering	
Corn	3-5 leaves phase	
Beetroot	Phase of 4-8 true leaves	
Potato	1 - Flowering 2 - Development of fruit	
Pulses	1 - Development of leaves 2 - Development of flower buds	
Hop	1 - Leaf development 2 - Formation of side shoots - after 14 days	
Onion	1 - Beginning of onion setting	
Beans, peas	1 - Ripening of pods	
Other vegetables	1 - 3-4 weeks after germination or seedling take on 2 - Principal growth 3 - 10-14 days after the last treatment	
Trees and shrubs	1 - Before flowering 2 - After flowering 3 - Growth of buds	5 6
Other cultivated plants	2-3 treatments every 10-14 days at a time of increased demands or signs of NPK deficiencies	1-3

## Fosfi Activ PK 51-9

Crops	Time of application	Dosage [l/ha]
Winter cereals	1 - Autumn in the phase of 3-6 leaves 2 - Tillering 3 - Opening of the flag leaf sheath	2-3
Spring cereals	Tillering	
Rapeseed	1 - Autumn phase of 4-8 leaves 2 - Early spring at the phase of formation of side shoots	
Corn	Before flowering	
Potato	1 - Intensive growth of shoots 2 - Formation of inflorescence 3 - Flowering	
Pulses	1 - Development of leaves 2 - Development of side shoots 3 - Development of flower buds	
Tobacco	1 - 2-3 weeks after planting 2 - After first leaves harvest 3 - After next leaves harvest	
Trees and shrubs	1 - Before flowering 2 - Outset of flowering	
Other cultivated plants	2-3 treatments every 10-14 days at a time of increased demands or signs of phosphorus deficiencies	

## Fosfi Activ PK 33-33

Crops	Time of application	Dosage [l/ha]
Cereals	1 - Autumn in the phase of 3-6 leaves 2 - Tillering 3 - Opening of the flag leaf sheath	1-3 2-3 2-3
Rapeseed	1 - Autumn phase from 4 leaves 2 - Spring - formation of side shoots	2-3
Beetroot	Phase of 9 and more proper leaves	
Corn	Phase of 4-8 leaves	
Potato	1 - Development of leaves 2 - Merging of rows 3 - Beginning of formation of tubers	
Pulses	Development of pods	
Other vegetables	1 - 3-4 weeks after germination or seedling take on 2 - Principal growth	
Trees and shrubs	1 - Before flowering 2 - Outset of flowering 3 - Fruit ripening	
Other cultivated plants	2-3 treatments every 10-14 days at a time of increased demands or signs of phosphorus deficiencies	

## Fosfi Activ NPK 16-16-16 | NPK 16-16-16 with micro

Crops	Time of application	Dosage [l/ha]
Winter cereals	1 - Early spring - beginning of tillering phase 2 - Opening of the flag leaf sheath. Blade shooting.	2-3
Spring cereals	Beginning of blade formation	
Rapeseed	1 - Early spring at the phase of formation of side shoots 2 - Green compact bud phase	
Beetroot	Before covering the rows	
Pulses	Intensive vegetative growth	
Other vegetables	1 - 3-4 weeks after germination or seedling take on 2 - Principal growth	
Other cultivated plants	1 - 2-3 treatments every 10-14 days at a time of increased demands or signs of NPK deficiencies	

## Fosfi Activ PK 10-50

Crops	Time of application	Dosage [l/ha]
Spring cereals	Before heading (opening of the flag leaf sheath)	2-3
Corn	1 - Phase of 6-9 leaves 2 - Blade development phase	
Beetroot	1 - Beetroot 2 - Growth of leaf rosette (before covering the rows)	
Potato	1 - Intensive growth of shoots 2 - Formation of inflorescence	
Pulses	Development of leaves	
Other vegetables	1 - 3-4 weeks after germination or seedling take on 2 - Principal growth	
Trees and shrubs	1 - Phase of green bud 2 - Outset of flowering	
Other cultivated plants	2-3 treatments every 10-14 days at a time of increased demands or signs of PK deficiencies, to increase resistance to drought stress	

## FosfiMag NP

Crops	Time of application	Dosage [l/ha]
Cereals	1 - Autumn in the phase of 3-6 leaves 2 - Tillering 3 - Beginning of blade formation	1-4
Rapeseed	1 - Autumn phase from 4-8 leaves 2 - Spring - formation of side shoots 3 - Green compact bud phase	
Beetroot	1 - Phase of 4-8 true leaves 2 - Before covering the rows	
Corn	1 - Phase of 6-9 leaves 2 - Blade development phase	
Potato	1 - Development of leaves 2 - Merging of rows 3 - Before flowering	
Pulses	1 - Development of leaves 2 - Development of pods	
Onion	Beginning of onion setting	
Trees and shrubs	1 - Before flowering 2 - After flowering 3 - Outset of flowering	
Flowers and ornamental plants	watering plants with a 0,4% solution Spring - in the period from March to May	

**For more information:**

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**Visit us:** [www.arkop.pl](http://www.arkop.pl)

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