

# ADOB® ProFit 18-18-18 + micro Fruits and Vegetables



## Characteristics

**ADOB® ProFit 18-18-18+micro, Fruits and Vegetables** is a multinutrient, multifunctional, crystalline fertiliser. This fully water-soluble product is designed for vegetable, floriculture and orchards crops. It is suitable for foliar-, soil- and soilless applications as well as fertigation. It features very high concentrations of balanced nitrogen (N), phosphorus (P) and potassium (K) and is enriched with magnesium (Mg), sulphur (S), and all six micronutrients: boron (B), copper (Cu), iron (Fe), molybdenum (Mo), manganese (Mn) and zinc (Zn).

While copper, manganese and zinc are chelated by the modern biodegradable **IDHA**, iron is chelated by the potent chelator **DTPA**, which facilitates high stability and iron availability up to pH=7.5. Boron and molybdenum (which cannot be chelated) are present as water-soluble, inorganic components. These properties ensure that all nutrients are readily and quickly available to all plants. Applying this nutrient-rich fertiliser during intensive plant growth stages ensures the optimal development of plants' biomass, shoots, roots and flowers. It also improves the internal and external quality of fruits and vegetables.

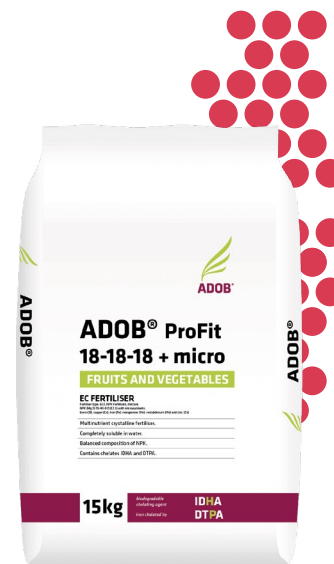
**ADOB® ProFit 18-18-18 + micro, Fruits and Vegetables** boosts plants' vigour, improves their health and effectively prevents nutrient deficiencies, especially under occasional stressful growth conditions.

## Composition

### Composition – ADOB® ProFit 18-18-18 + micro Fruits and Vegetables

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	18.0	
- nitrate nitrogen	N-NO <sub>3</sub>	5.0	
- ammonium nitrogen	N-NH <sub>4</sub>	3.5	
- urea nitrogen	N-NH <sub>2</sub>	9.5	
Phosphorus pentoxide	P <sub>2</sub> O <sub>5</sub>	18.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	K <sub>2</sub> O	18.0	soluble in water
Sulphur trioxide	SO <sub>3</sub>	2.1	soluble in water
Boron	B	0.05	soluble in water
Copper	Cu	0.1	chelated by <b>IDHA</b>
Iron	Fe	0.05	chelated by <b>DTPA</b>
Manganese	Mn	0.1	chelated by <b>IDHA</b>
Molybdenum	Mo	0.01	soluble in water
Zinc	Zn	0.1	chelated by <b>IDHA</b>

- CE fertiliser
- NPK fertiliser + micro
- contains all micronutrients
- wide-ranging nutrition
- IDHA** and **DTPA** chelated
- 100% chelation of micronutrients
- fast dissolution and complete solubility
- excellent miscibility













Packaging: 3, 15 kg



# Application recommendations

## Application recommendations – ADOB® ProFit 18-18-18 + micro Fruits and Vegetables

Crops	Number of applications per season	Crop phenological stage	BBCH stage	Product application rate [kg/ha]	Spray solution application rate [l/ha]
<b>Vegetable crops</b>					
 Bulb vegetables e.g. onion, leek	1-2	leaf development	16-19	2-4	300-500
		development of harvestable vegetative plant parts	41-45	2-5	
 Cucurbits e.g. pumpkin, zucchini, cucumber	2	leaf development	16-19	3	
		formation of side shoots, inflorescence emergence	21-59	4-5	
 Brassica plants e.g. cabbage, cauliflower, broccoli	2	leaf development, rosette growth	14-39	3-5	
		development of harvestable vegetative plant parts	41-45	4-5	
 Root vegetables e.g. carrot, celery, beet	2	leaf development	14-19	2-4	
		development of harvestable vegetative plant parts	41-45	4-5	
 Leaf vegetables e.g. lettuce, spinach	2	leaf development	14-19	2-3	
		development of harvestable vegetative plant parts	41-45	2-3	
 Solanaceous e.g. tomato, pepper, early potato	2	leaf development and formation of side shoots	13-29	4-5	
		inflorescence emergence and flowering	51-69	3-5	
 Legumes e.g. bean, pea	2	leaf development	14-29	2-4	
		development of side shoots and the main shoot	21-39	2-4	
<b>Orchard crops</b>					
 Stone-fruit trees e.g. sour cherry, sweet cherry	2-3	white/pink bud	57-59	4-5	500-800
		after fruit-set	91	4-5	
 Pome trees e.g. apple, pear	2-3	pink/white bud	57	4-5	
		until June fall of buds	71-73	4-5	
 Soft fruits e.g. strawberry, blueberry	2-3	inflorescence development	55-59	4-5	300-500
		start flowering	60-61	4-5	
		after fruit-set	91	4-5	
<b>Plant Nursery</b>	2-3	intensive growth	concentration 0.25% - 0.3%		
<b>Fertigation of open-field orchards crops</b>		apply as a water solution with concentration 0.05–0.3% (0.3 to 2 kg of fertiliser for 1000 l of water)			

Recommendations for use in fertigation and hydroponics – please contact ADOB's Gardening Department: [horti@adob.com.pl](mailto:horti@adob.com.pl)

