

ADOB® ProFit 10-40-8 + micro Fruits and Vegetables



Characteristics

ADOB® ProFit 10-40-8 + micro, Fruits and Vegetables is a multinutrient, multifunctional crystalline fertiliser. This fully water-soluble product is designed for foliar, fertigation and soilless applications to vegetable, floriculture and orchards crops. It supplies plants with the essential nutrients nitrogen (N), phosphorus (P), potassium (K), magnesium (Mg) and sulphur (S) and ensures the optimal development of their aboveground parts. Due to its very high phosphorus content, this fertiliser stimulates root growth and flowering. It also contains 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 a pH of 7.5. Molybdenum (which cannot be chelated) is present as a water-soluble, inorganic component. As a result of these properties, all nutrients are readily and quickly available to all plants. Applying this nutrient-rich fertiliser at intensive plant growth stages ensures the optimal development of plants' biomass, shoots, roots and flowers, improving the internal and external quality of fruits and vegetables.

ADOB® ProFit 10-40-8 + micro, Fruits and Vegetables also boosts plants' vigour and improves their health. It effectively prevents nutrient deficiencies, especially under occasional stressful growth conditions.

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

Composition

Composition – ADOB® ProFit 10-40-8 + micro Fruits and Vegetables

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	10.0	
- nitrate nitrogen	N-NO ₃	7.8	
- urea nitrogen	N-NH ₂	2.2	
Phosphorus pentoxide	P ₂ O ₅	40.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	K ₂ O	8.0	soluble in water
Magnesium oxide	MgO	3.0	soluble in water
Sulphur trioxide	SO ₃	6.3	soluble in water
Boron	B	0.05	soluble in water
Copper	Cu	0.1	chelated by IDHA
Iron	Fe	0.05	chelated by DTPA
Manganese	Mn	0.1	chelated by IDHA
Molybdenum	Mo	0.01	soluble in water
Zinc	Zn	0.1	chelated by IDHA













Packaging: 3, 15 kg



Application recommendations

Application recommendations – ADOB® ProFit 10-40-8 + 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]
Vegetable crops					
 Bulb vegetables	1	leaf development	13-15	3-4	300-500
 Cucurbits e.g. zucchini	1	leaf development	13-15	3	300-500
 Brassica plants e.g. cabbage, cauliflower, broccoli	2	watering seedlings	11-13	1-2/1000 l	solution 0.1-0.2%
		leaf development	14-19	3-5	300-500
 Root vegetables e.g. carrot, celery, beet	2	leaf development	11-13	1-2/1000 l	10-15 l/m ²
		leaf development	12-16	3	300-500
 Leaf vegetables	1	leaf development	11-13	3	300-500
 Solanaceous e.g. tomato, pepper, early potato	3-4	watering seedlings	11-12	1-2/1000 l	solution 0.1-0.2%
		leaf development	13-15	3	
		shoot elongation and tuber formation	31-49	4-5	
		inflorescence emergence and flowering	51-69	4-5	300-500
 Legumes e.g. bean, pea	2	leaf development	13-15	2-3	
		inflorescence emergence and flowering	51-69	2-4	
Orchard crops					
 Stone-fruit trees e.g. sour cherry, sweet cherry	2-3	green bud	55	4-5	
		fruit development	71-79	4-5	500-800
 Pome trees e.g. apple, pear	2-3	green bud	56	4-5	
		fruit development	74-85	4-5	
 Soft fruits e.g. strawberry, blueberry	2-3	vegetation beginning	10-13	4-5	
		leaf development	15-19	4-5	300-500
		before flowering	55-59	4-5	
Plant Nursery	2-3	intensive growth		concentration 0.25% - 0.3%	
Fertigation of open-field orchards crops		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

