## ADOB<sup>®</sup> 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.

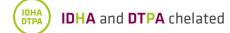
















## **Composition**

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 <sub>3</sub>	7.8	
- urea nitrogen	N-NH <sub>2</sub>	2.2	
Phosphorus pentoxide	P <sub>2</sub> O <sub>5</sub>	40.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	$K_2O$	8.0	soluble in water
Magnesium oxide	MgO	3.0	soluble in water
Sulphur trioxide	SO₃	6.3	soluble in water
Boron	В	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	Мо	0.01	soluble in water
Zinc	Zn	0.1	chelated by IDHA



Packaging: 3, 15 kg



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## **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
	Vegetable crops					
	Bulb vegetables	1	leaf development	13-15	3-4	300-500
	Cucurbits e.g. zucchini	1	leaf development	13-15	3	
<b>Ç</b>	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
AND DE STATE OF THE PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN T	Root vegetables e.g. carrot, celery, beet	2	leaf development	11-13	1-2/1000 l	10-15 l/m <sup>2</sup>
			leaf development	12-16	3	— 300-500
17	Leaf vegetables	1	leaf development	11-13	3	300-500
	Solanaceous e.g. tomato, pepper, early potato		watering seedlings	11-12	1-2/1000 l	solution 0.1-0.2%
		3-4	leaf development	13-15	3	300-500
		5-4	shoot elongation and tuber formation	31-49	4-5	
			inflorescence emergence and flowering	51-69	4-5	
<b>3</b> 7	Legumes e.g. bean, pea	2	leaf development	13-15	2-3	
			inflorescence emergence and flowering	51-69	2-4	
	Orchard crops					
7.	Stone-fruit trees e.g. sour cherry, sweet cherry	2-3	green bud	55	4-5	
		2-5	fruit development	71-79	4-5	
*	Pome trees e.g. apple, pear	2-3	green bud	56	4-5	
			fruit development	74-85	4-5	
<b>227</b>	Soft fruits e.g. strawberry, blueberry		vegetation begining	10-13	4-5	300-500
		2-3	leaf development	15-19	4-5	
			before flowering	55-59	4-5	
	Plant Nursery	2-3	intensive growth	con	concentration 0.25% - 0.3%	
	Fertigation of open- orchards crops	rtigation of open-field apply as a water solution with concentration 0.05–0.3% (0.3 to 2 kg of fertiliser for 1000 l c				

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



