

TECHNICAL DATA SHEET

MICROBTIMA PROTECT



MANUFACTURER

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PURPOSE OF USE

Liquid microbial fertlizer, improves the turgor of leaf tissues, increases the grain protein content, increases the growth of the root system. Increases the resistance to biotic and abiotic stress factors. Suitable for treatment of all crops.

COMPOSITION

0.2 % Microbial inoculate:
Pseudomonas chlororaphis IS4
Pseudomonas putida OR2
Azotobacter vinelandii R19
Bacillus thuringensis VJ13
Tichoderma harzianum MT
Trichoderma Asperellum SL-45
Trichoderma viride
Trichoderma asperellum TH
Trichodenna koningii
Rhizophagus irregularis
0.2 % Sharomix MCI /preservative/

PROCESSING METHODS

99.6 % Reverse osmosis water
Microbial cultivation

ANALYSIS

pH	7.3
Dry matter, %	0.2
Colour	Orange
Microbial complex, CFU/ml	$10^7 - 10^8$

STORAGE CONDITIONS

Do not give access to unauthorized individuals.
Store the product unopened and in its original package.
Store in a well aerated place at temperature +5....+ 20°C.
Keep away from direct sunlight.

APPLICATION

Crop	Dosage ml/dka or g/100 kg seeds		Treatments per year		Expenditure per solution / dka		Spray concentration		Time of application
	Min	Max	Min	Max	Min	Max	% min	% max	
Technical									
- foliar	40 ml/dka	80 ml/dka	1	2	20L	60L	0.1	0.4	2-4 th leaf and 10-20 days later
Cereals									
- seeds									along with decontamination
<i>corn</i>	1.5L	4L	1	1					
<i>winter cereals</i>	0.5L	0.8L	1	1					
- foliar	40 ml/dka	80 ml/dka	1	2	20L	60L	0.1	0.4	2-4 th leaf and 10-20 days later
Vegetables									
- seedlings	1,0 ml/L	2 ml/L	1	1					after 2 nd leaf
- foliar	40 ml/dka	80 ml/dka	1	3	20L	40L	0.1	0.4	after transplanting and then every 14-20 days
- fertigation	2 ml/L	2 ml/L							every 14-20 days
- hydroponic	2 ml/L	2 ml/L							to the nutrient solution
Fruit, vines, berries									
- planting material	1,0 ml/L	2 ml/L	1	1					Soaking and spraying of roots
- foliar	40 ml/dka	200 ml/dka	1	3	20L	100L	0.1	0.4	during leafing, bud development and flowering
- fertigation	2 ml/L	2 ml/L							every 14-20 days
Decorative, medicinal									
- seedlings	1.0 ml/L	2 ml/L	1	1					after 2 nd leaf
- foliar	40 ml/dka	80 ml/dka	1	3	20L	40L	0.1	0.4	after transplanting and then every 14-20 days
- fertigation	2 ml/L	2 ml/L							every 14-20 days
- hydroponic	2 ml/L	2 ml/L							to the nutrient solution

Remarks: Do not mix with Burgundy mixture and preparations containing copper!