

# TECHNICAL DATA SHEET

## MICROBTIMA NITROSKY



### MANUFACTURER

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### PURPOSE OF USE

Microbial liquid fertilizer used for foliar and soil application, for seed and seedling treatment or as a supplement to nutrient solutions in various types of crops. Increases plants' inherent resistance, protects the root system against microbial pathogens and insects. Regulates plant metabolism. Improves substrate structure.

### COMPOSITION

0.2 % Microbial inoculate:  
*Azotobacter vinelandii* R19  
  
0.2 % Sharomix MCI /preservative/  
  
99.6 % Reverse osmosis water

### PROCESSING METHODS

Microbial cultivation

### ANALYSIS

pH	6.8 - 7.2
Dry matter, %	0.2
Colour	Yellowish
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

- Pre-sowing treatment – soak for 20-30 min;
- Root treatment at planting – soak in solution for 1-2h;
- Vegetation treatment – soil and foliar fertigation, harvest/organic leftovers.

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	
<b>Technical</b>									
- foliar	40 ml/dka	80 ml/dka	1	2	20L	60L	0.1	0.4	2-4 <sup>th</sup> leaf and 10-20 days later
<b>Cereals</b>									
- 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 <sup>th</sup> leaf and 10-20 days later
<b>Vegetables</b>									
- seedlings	1,0 ml/L	2 ml/L	1	1					after 2 <sup>nd</sup> 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
<b>Fruit, vines, berries</b>									
- 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
<b>Decorative, medicinal</b>									
- seedlings	1.0 ml/L	2 ml/L	1	1					after 2 <sup>nd</sup> 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!