

Liquid Biostimulant

■ DESCRIPTION

MicroAktiv®-MV is a concentrate of 100% organic origin, derived from specific fractions of a selected yeast strain naturally rich in highly utilisable amino acids, peptides, proteins, vitamins and minerals.

Crops that require a lot of energy for flowering and fruit setting benefit in particular from such a biostimulant.

Crops that regularly have to deal with moments of stress also benefit from the application of **MicroAktiv®-MV**.



The soil life (microbiome) present in the substrate or soil makes nutrients for the crop from amino acids. These amino acids serve as a carbon source for soil life, which in that process produces nutrients that are easily absorbed by the roots of the crop. Amino acids also have a positive effect on the leaves of the crop by stimulating microbiological life there as well. All this together ensures an improved symbiosis between the crop and the microbial life around the plant and this increases the plant's resistance to abiotic stress (e.g. drought or heat stress). Biostimulants have no effect on biotic stress (diseases and pests).

Benefits of **MicroAktiv®-MV**:

- Stimulation of soil and leaf life;
- Increases the resistance of the crop;
- Based on specific yeast fractions;
- High degree of purity and effectiveness;
- High percentage of proteins, vitamins and minerals;
- Supports the plant when it needs a lot of energy



■ APPLICATIONS

MicroAktiv®-MV is a high-quality biostimulant of one hundred percent vegetable origin and is therefore of value in almost every cultivation.

■ APPLICATION PROGRAMS

MicroAktiv®-MV is used as foliar spray. The table on page 2 specifies dosages for different crops.



Crop	Dose	Applitation Timings	
Wine grapes	2 L/ha	Floral buttons separated	In flowering management
Table grapes	2 L/ha	Full bloom to falling of flower caps	
Stone fruit trees	2 L/ha	Stage E (ball)	
	2 L/ha	Stages G to H (petal fall to early fruit set)	
Pome fruit trees	2 L/ha	Stage G (petal fall)	
	2 L/ha	Stage H to I (early fruit set)	
Soft fruits	4 L/ha	Beginning of growth	
	2 L/ha	Beginning of flowering	
	2 L/ha	Mid flowering	
	2 L/ha	End of flowering	
Leafy vegetable	2 L/ha	Transplanting or planting (2 – 3 leaves unfurled)	
Fruiting vegetables: quality of fruit set	2 L/ha	Beginning of flowering	
	2 L/ha	Beginning of fruit set	
Fruiting Vegetables: startup	2 L/ha	Transplanting or planting	
	2 L/ha	15 days after 1 st application depending on climatic conditions	

Consult the **MicroAktiv®** specialist for more frequent doses or for other crops/flowers.

■ PRODUCT CHARACTERISTICS

Apperance	Liquid
Ingredients	Vitamines: (mg/100 gr or DM): B1 (2,2), B2 (6,9), B3 (37), B5 (12,9), B6 (2,6), B9 (1,3). Free amino acids: 33 % ALA (1,8), ARG (1,7), ASP (3,9), CYS (0,4), GLU (4,1), GLY (1,1), HIS (2,1), ISO (1,9), LEU (3,4), LYS (1,9), MET (0,7), PHE (2,1), PRO (0,8), SER (2,0), THR (1,5), TRP (0,5), TYR (0,9), VAL (2,3). Mineral elements: (%): N (5,5), P (2,4), K (1,5). (mg/100 gr or DM): Ca (152), Mg (132), Fe (4), Zn (12), Mn (2). The contents mentioned are average values.
Shelf life	2 Years at room temperature
Packaging	5 Liter jerrycans

■ OPTIMAL APPLICATION CONDITIONS

MicroAktiv® products are based on natural ingredients, fungi and bacteria. Therefore, do not use the product in combination with biocides and fungicides. Soils that have been exposed to these agents for a long time contain residues of these products and are not directly suitable for the application of **MicroAktiv®**. These obstacles can be overcome with the help of certain additives. Consult the **MicroAktiv®** product specialist for the best treatment program.

■ STORAGE & HANDLING

Storage	Room temperature; DO NOT FREEZE
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