

# Emosprint®

Fluid organic for the fertigation of all crops

CATEGORY  
ORGANO-MINERAL LIQUID  
FORMULATIONS & DRIP  
IRRIGATION



MEZZI TECNICI AIAB  
BIO CERTIFIED



## Features

- **Physical state:** fluid completely soluble in water.
- **Color:** dark red - variable depending on concentration.
- **Components:** hemoglobin - fluid blood.
- **Emosprint® is rapidly absorbed by the roots** and moved in the plant tissues of the crop; it can also be absorbed through

the leaves. Thanks to the quality of its composition, the product represents an essential technical medium for the sustenance of the plant, particularly for the aid operations necessary on plants that are stressed or that develop with difficulty.

## The product performs the following functions

**Nutritional:** it supplies rapidly and promptly organic nitrogen, microelements and proteins which support the vegetative/productive cycle of the crop.

**Curative - preventive of ferric chlorosis:** it contains all the typical elements of the blood that help the tissues revitalize.

**Invigorating:** the intake of *Emosprint®* allows the crop to spare energy on all biochemical reactions, since it is rich in synthesized proteins and free amino acids ready to use.

### Agronomic/environmental:

- it stimulates the bacterial activity useful to soil fertility;
- for the preparation no chemical process that releases residue or unwanted elements is performed.

### Productive:

- it favors both directly and indirectly a higher production and quality during harvest;
- it assists all situations of poor development in the crop;
- it stimulates root development if used after transplant.

## Method of use

*Emosprint®* can be spread in the soil through implants drip irrigation, implants of drip irrigation, and tanks for foliar application with medium intervals of 6-9 days, in function of crop development rate, stress entity in the plant or in the potential chlorotic phenomenon; with atomizer or dispenser, if spread through the leaves.

### Technique of use

- first, pour the stock solution water in the mixture barrel.
- slowly and gradually pour *Emosprint®* in the barrel.
- shake in order to unify the mixture.
- avoid air mixing systems in order to avoid an excess of foam.

**Warning:** the organic nature of the product can cause a "foam effect". This effect can be eliminated with the use of a specific anti-foaming product or by slowing down the mixing phase. If realized following other fertigation procedures, it is recommended to program the *Emosprint®* procedure during the last phase of water distribution and to let water flow for 20-30 minutes in order to clean the implant and to help the roots perform an immediate absorption of the product. If spread through the leaves, the product must not be mixed with Copper-based products or products with basic-alkaline reaction; it must not be spread directly on the flower or on the buds.



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**Dilution:** dilute 300-500 g (depending on the crop) of *Emosprint*® in 100 liters of water; proceed with the treatment. With recommended dilution, *Emosprint*® does not determine any problem of potential crystallization in the tubes or obstructions in the spreaders.

### Content on the substance as it is and chemical-physical characteristics

Total proteins	31%	Magnesium oxide	0,01%	pH as such	1,075
Total Nitrogen (N)	5%	(MgO)	0,09%	Specific weight (kg/l)	2,5
Organic Nitrogen (N)	5%	Iron (Fe)	7 ppm	C/N ratio	totale
Organic Carbon (C)	14%	Zinc (Zn)	2 ppm	Water solubility at 10%	
Calcium oxide (CaO)	0,01%	Copper (Cu)	7-8		

### Doses and methods of use for each procedure

Crops	Dilution (g/hl of H <sub>2</sub> O)	Dose kg/ha for single procedure	Period of action	N° of procedures		
<b>Extensive crops</b>						
Wheat, other straw cereals	300-400	5-6	Tillering- at the beginning of vegetative growth	1		
Corn	300-400	4-5	6°-8° leaf	1-2		
<b>Fruit cultivation</b>						
Pome fruits (apple tree, pear tree)	300-500	Radical=50-60	During vegetative regrowth or starting from before flowering until fruit veraison	2-3		
		Foliar=2-3		1-2		
Stone fruits (plum tree, peach tree, cherry tree, apricot tree)	300-500	Radical=40-80		2-3		
		Foliar=1,5-3		1-2		
Wine grape, dessert grape, kiwifruit, olive tree	300-500	Radical=40-60	Starting before flowering until fruit veraison	2-3		
		Foliar=2-3		1-2		
Citrus fruits	300-500	Radical=40-70		3-4		
		Foliar=2-3		1-2		
Walnut tree, hazel tree	300-500	Radical=30-60		2-3		
		Foliar=2-3		1-2		
<b>Horticulture</b>						
Industrial tomato open field	50-80 kg/ha		Post emergency / during growth	3-4		
Tomato	In greenhouse	5-6 kg/1.000 m <sup>2</sup>	After transplant / flowering / fruit set	2-4		
	Open field	50-60 kg/ha				
Bell pepper, eggplant	In greenhouse	5-8 kg/1.000 m <sup>2</sup>		After transplant, vegetative restart	2-4	
	Open field	50-80 kg/ha				
Courgette, cucumber	In greenhouse	5-8 kg/1.000 m <sup>2</sup>			Post implant/during restart	2-3
	Open field	50-80 kg/ha				
Watermelon, melon	In greenhouse	3-5 kg/1.000 m <sup>2</sup>	After transplant, vegetative restart			2-3
	Open field	30-50 kg/ha				
Strawberry in greenhouse	4-6 kg/1.000 m <sup>2</sup>			After transplant, vegetative restart		2
Artichoke open field	30-50 kg/ha			Post implant/during restart		2-3
<b>Floriculture</b>						
Rose	4-6 kg/1.000 m <sup>2</sup>			After pruning	2	
Flowers in vase (different Ø)	2-3 kg/1.000 m <sup>2</sup>		After transplant in vase	2		
Hedges, borders, flowerbeds	10-15 kg/1.000 m <sup>2</sup> or 2/4 kg on 100 linear meters		After transplant/ during spring restart	1-3		

Mentioned crops are representative of each category; *Emosprint*® finds application for several other crops with the same methods of use. N.B.: mentioned doses have indicative value and can vary in relation to pedoclimatic characteristics of every area. **Warning:** before usage check the label, dosages and safety information. Don't over dose, shake the product before mix it.

The above mentioned doses are indicative and may change according to climatic characteristics of each area (fertility; physical and biological; rainfall and temperature). Also, they should be included in the entire fertilization program. Cover the product with in the soil surface is strongly recommended. Product should not be in contact with plants roots. The product is for professional use only. Keep out of reach of children and animals.

The analytical data written on packaging follow the instruction of the regulation in force. All data included in this publication are indicative. Fomet reserves the right to change them without prior notice.



Properly dispose of packaging.



Keep in a sheltered dry place.