



# BIOS Spray

Organic nitrogen fertilizers – Dry blood

N	P	K	C	U.F.
14	0,18	1,1	54,8	70,4

Biological

**FAST TRANSFER – ROOT STIMULATING**  
RICH OF NATURAL IRON

**BIOS Spray** is an haemoglobin pure that reaches the solubility of 93% for effect of a specific technique of drying and pulverization. Is perfectly assimilable by plants because being able to confer their nourishing basics of which they need, strengthening the health and avoiding the chlorosis. It's rich of Iron and amino acids and thanks at organic **Nitrogen**, joined at high contents of proteins of high quality, it acts quickly stimulating the rooting, the formation of new leaves and bud.

**BIOS Spray** improves the fertility and the characteristics physico-mechanical of terrain, it increases microflora and microfauna useful at terrain.

**BIOS Spray** with its formulation powdery covers homogeneously the terrain supporting the contact during the landfill, so accelerating the processes of biochemical degradation for a more fast nourishment of plants.

**BIOS Spray** being an organic fertilizer, it reacts in the terrain with salt presented, effectuating a reduction of salt pan at advantage of root absorption.

Contains tectosilicates selected



# BIOS SPRAY

## PACKAGING

Bags	Kg. 25 (n°60/pallet)
In the form of	soluble powder 93%



Restrictions on use - Article 11, paragraph 1, letter c) of Reg. EC / 1069/2009: The feeding of farm animals with herbaceous plants, taken through pasture or administered after being harvested, coming from land on which organic fertilizers or soil improvers other than manure have been applied, unless grazing or cutting of the grass takes place at the expiry of a waiting period of at least 21 days to ensure adequate control of health risks for public and animals.

### THE DEFICIENCY OF IRON CAUSES YELLOWING OF LEAFS



## COMPOSITION

Nitrogen	(N)	organic	14 %
Phosphoric anhydride	(P <sub>2</sub> O <sub>5</sub> )	total	0,18 %
Potassium oxide	(K <sub>2</sub> O)	in water soluble	1,1 %
Magnesium oxide	(MgO)	in water soluble	0,02 %
Iron	(Fe)	in water soluble	0,25 %
Zinc	(Zn)	in water soluble	20 mg./Kg.
Organic carbon	(C)	biological origin	54,8 %
Organic substance			94 %
Relationship C/N			3,9
Proteins (amino acids)			88 %
Ashes			3,5 %
Reaction (1:5) pH			5,7
Electric conductivity at 25°C (1:5) mS/cm			2,2

## RAW MATERIALS

Product obtained only beginning by FERTILIZER of D.lgs. 75/2010, Attached 13, Table 1	COMPONENTI ORGANICI	
	Blood flour	

## RECOMMENDED DOSES

Fertigation (quantity/ intervention)	drop	rain
Tree crops in general	20	- 40
Horticultural crops (open field)	20	- 40
Protected crops (greenhouses)	25	- 50

Insert the product dilute in the first phase of irrigation

The recommended doses are indicative, must be increased and / or decreased taking into account: the climatic characteristics of the area of interest, fertility, water retention, soil structure, crop variety, the equipment used and the experience of the entrepreneur agricultural. In any case it is recommended to avoid concentrations of the product near the seed and / or roots.

## AMINO ACIDS

Aspartic acid	10,30%	Methionine	1,60%
Threonine	4,70%	Isoleucine	0,30%
Serina	5,30%	Leucine	13,30%
Glutamic acid	7,10%	Tyrosine	2,60%
Proline	3,80%	Fanilanina	7,40%
Glycine	4,30%	Lysine	8,40%
Alanine	8,50%	Histidine	6,60%
Cystine	0,50%	Arginine	3,60%
Valine	9,50%	Tryptophan	1,60%
Asparigine	0,01%	Glutamine	0,01%

The analytical data indicated on the packages follow the provisions of the Legislative Decree no. 75 of 29/04/2010 and subsequent amendments and / or additions. All data reported in this publication are indicative, BIOS s.r.l. reserves the right to modify them without prior notice.

ORGANIC NITROGEN FERTILIZERS

PROSPERITY IN THE LAND