

AXIFERT LINE



NUTRITION

INNOVATION
IN
FERTIGATION

ENVIRONMENTAL
SUSTAINABILITY · EPD



FERTIGANTS
LIQUID ORGANO-MINERALS

100%
VEGETABLE
ORGANIC
MATRIX



WHAT IS AXIFERT

Axifert are born from the SCAM's tradition on Organo-Mineral fertilizers, thanks to a **formulation technology** that combines the vegetable amino acid matrix with the purest mineral nutrients.

Tested by research centres and universities, they enable **high-performance fertigation** with a low environmental impact, reducing nutrient inputs and increasing production yields.



Amino Acid - N

Proline

Ac. Aspartic

Amino Acid - P

Alanine

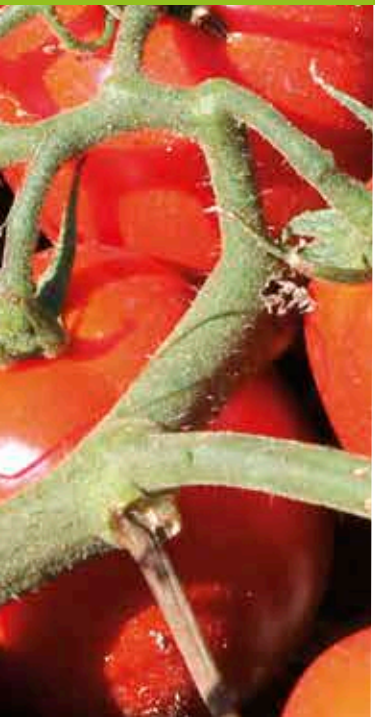
Amino Acid - Fe

Amino Acid - K

Ac. Glutamine

Amino Acid - Me

The advantages of using AXIFERT



- Broader and more developed **root system**.
- Plants more resistant to **environmental and physiological stress**.
- **Increased production** of probiotic metabolites in fruits and vegetables.
- Fast translocation of nutrients to the **sites of use**.
- **Advance maturation**.
- Slowing down the senescence of **plant tissue**.
- **Vegetative-productive balance**.
- Increased protein **synthesis**.
- The combination with herbicide increases its **effectiveness**.
- Increase in **yield**.
- Increased **quality** level.

100% VEGETABLE ORGANIC MATRIX

For the production of the **Axifert** liquid organo-mineral line, **no materials of animal origin are used** but only plant matrices that do not present contraindications linked to pollutants and pathogens. The organic plant matrix is obtained by a specific fermentation process that allows to obtain a high concentration of amino acids (> 25%) of which a high proportion of amino acids in the laevorotatory form (> 15%).

Function of the main amino acids



PROLINE

- Water balance regulator
- Anti-stress effect
- Anti senescence effect
- Increased pollen fertility
- Increased pollen tube length
- Increased cell membrane thickness



ASPARTIC ACID

- Precursor amino acids



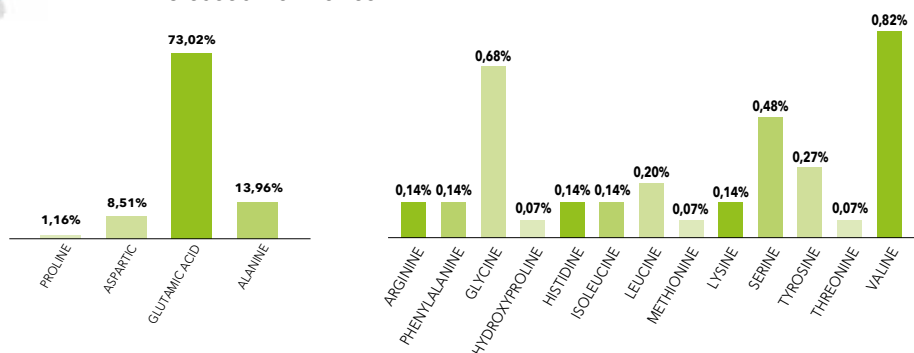
GLUTAMIC ACID

- Nitrogen reserve
- Chlorophyll synthesis
- Opening leaf stomata
- Pollen formation
- Microelement Chelation



ALANINE

- Resistance to abiotic stress
- Increased hormones



Sustainable fertilisers with the environment


Scam has always placed itself at the forefront of attention to the agro-industrial production chains and respect for the environment. the **EPD-Environmental Product Declaration** recognition should be read (**Enviromental Product Declaration**) recently awarded also to the **Axifert** line, which makes it particularly suitable for agro-industrial supply chains with low environmental impact production specifications.



AXIFERT LINE

ORGANO-MINERAL FERTILIZERS
LIQUIDS FOR FERTIGATION



 PACK SIZE	Tank: 20 kg Pallet: 480 pcs
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LEAF APPLICATIONS	DOSE
FRUIT PLANTS	200 g/Hl
VEGETABLES	150 g/Hl
CEREALS, CORN AND INDUSTRIAL CROPS	10-20 kg/Ha

Dose and application period

AXIFERT	CROPS	APPLICATION PERIOD	DOSE*
AXIFERT 20 NV	Orchard, vine and table grape, tree crops		80-100 kg/Ha
	Vegetables	In the initial stages	5-10 kg/1000 sqm
	Floriculture and nursery (protected environment)		5-8 kg/1000 sqm
AXIFERT START 15-5-5	Orchard, vine and table grape, tree crops		150-200 kg/Ha
	Vegetables	In the initial stages	10-20 kg/1000 sqm
	Floriculture and nursery (protected environment)		5-10 kg/1000 sqm
AXIFERT UNIVERSAL 10-10-10	Orchard, vine and table grape, tree crops		150-200 kg/Ha
	Vegetables	In the central stages	10-20 kg/1000 sqm
	Floriculture and nursery (protected environment)		5-10 kg/1000 sqm
AXIFERT FINAL	Orchard, vine and table grape, tree crops		150-200 kg/Ha
	Vegetables	In the final stages	10-20 kg/1000 sqm
	Floriculture and nursery (protected environment)		5-10 kg/1000 sqm

CHELATES WITH EDTA

COMPOSITION	NITROGEN N%	PHOSPHORUS P ₂ O ₅ %	POTASSIUM K ₂ O%	BORON B%	IRON Fe%	MANGANESE Mn%	ZINC Zn%	pH%	ms./cm 1%	SPECIFIC WEIGHT g/L
AXIFERT 20 NV	20	-	-	-	0,02	-	-	5,2	4,5/4,8	1200-1300
AXIFERT START	15	5	5	0.01	0.02	0.02	0.01	7.0	2.00/2.10	1200-1300
AXIFERT UNIVERSAL	10	10	10	0.01	0.02	0.02	0.01	6.5	2.00/2.10	1200-1300
AXIFERT FINAL	3	9	12	0.01	0.02	0.02	0.01	8.2	2.50/2.80	1200-1300