



## Organic Fertilisers Special Nutrients

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Products Catalogue

# WHO WE ARE

**Four generations of experience.** Our company has been working in the field of **animal blood processing** and the production of **organic fertilisers** for decades.

We carry out in-depth research into our products, which are the result of our experience, **helping farmers** to minimise **waste** and **respect the environment**.

The qualifying aspect of our product range is the **cost/benefit ratio**, compliance with **production standards** (quantity and quality), administration of **nutrients** (particularly nitrogen-rich substances), **lignification** and **budding**.

All our products also comply with the **EU directives on nitrates**.



**ALL OUR PRODUCTS CONTAIN THE FOLLOWING AMINO ACIDS (DO NOT CONTAIN SODIUM):** arginine, glycine, isoleucine, methionine, valine, cysteine, glutamic acid, leucine, proline, tryptophan, alanine, phenylalanine, histidine, lysine, serine, tyrosine, aspartic acid.

## GRANULAR FERTILISERS

### PROTAZOT®

AVAILABLE IN PACKS OF:  
20 Kg • 25 Kg • 500 Kg

#### ORGANIC NITROGEN FERTILIZER

*Controlled release granulate dried blood*

*Can be used in all crops: tree-grass-vegetable-fodder*

*A SLOW NATURAL TRANSFER AND HIGH AVAILABILITY OF ORGANIC IRON*

**PROTAZOT®** is an organic nitrogen fertilizer, derived from blood, in granulated form, of course, specifically designed to ensure a gradual and programmed release into the ground, in order to allow constant and complete root assimilation of nutrients during the production cycle.

The modern fertilization must, of course, be oriented to eliminate waste. Despite this quantitative and qualitative benchmarking is often overlooked. In this context the use of **PROTAZOT®** proved decisive and absolutely innovative. In fact, thanks to its production technology, with perfect sterilization, it provides excellent nutritional source avoiding unnecessary perfusion of nitrogen compounds in groundwater, in accordance with the increasingly stringent directives on nitrates and the vulnerability of the soil.

#### Components:

Organic Matrix: dried blood



Nitrogen (N) organic	14 %
Carbon (C) organic	44 %
Iron (Fe) organic	2200 ppm

#### PROTAZOT® ALSO IMPROVES QUALITY AND YIELDS OF CROPS THANKS TO:

- o natural slow release and very high availability of organic iron
- o ability to free the nutrients held in the soil that the plant cannot absorb
- o the promotion of effective root development for improved nutrient assimilation

Available in grain sizes

#### **IMPALPABILE • IMPALPABLE**

(polvere) • (powder)

#### **MICROMICRO • MICROMICRO**

(Granulometria di  $\varnothing$  0,8-1,2 mm)

• (Grain size  $\varnothing$  0.8-1.2 mm)

#### **MICRO • MICRO**

(Granulometria di  $\varnothing$  1,2-3 mm)

• (Grain size  $\varnothing$  1.2-3 mm)

#### **MEDIO • MEDIUM**

(Granulometria di  $\varnothing$  3-6 mm)

• (Grain size  $\varnothing$  3-6 mm)



## LIQUID FERTILISERS

### PROFIT®

AVAILABLE IN PACKS OF:

1 Kg • 5 Kg • 10 Kg • 25 Kg • 200 Kg • 1.000 Kg



#### ORGANIC NITROGEN FERTILIZER UNIVERSAL

*Fluid blood • Leaf / Radical*

*Can be used on all crops: tree-herb-vegetable-fodder*

Nitrogen (N) total	4 %
Nitrogen (N) organic	3,7 %
Carbon (C) organic	14 %
Iron (Fe) organic	700 ppm

**PROFIT®** is an organic nitrogen fluid fertilizer derived from the processing of animal blood. Its special processing allows foliar distribution with a rapid and total foliar assimilation by the apparatus. It is a product with high yield studied to ensure the **maximum compatibility** with all herbal products. The **complete synergy** also **with cupric (without any sign of toxicity)** allows to provide the necessary growth stimulus for all phases of growth fundamentals.

**PROFIT®** guarantees the crop the strong presence of noble components that allows the plant to get the best performance:

- nutrients assimilation
- more profitable use of micro, meso and macro elements of fertility
- enhancement of the **organoleptic characteristics** of crops and increased conservation.

#### Components:

Organic Matrix: fluid blood

Mineral matrix: potassium sulphate

#### PROFIT® ALSO IMPROVES QUALITY AND YIELDS OF CROPS THANKS TO:

- o increased production
- o increased sugar content (Brix grade)
- o increase in specific weight and protein content
- o maximum uniformity of fruit size
- o more intense colorations of fruits and vegetation
- o Increased plant defence against adversity and seasonal diseases of different origin
- o anti-stress (frost, transplanting and water stress) resulting in less drop of fruits

- o carrying action and bio stimulant, improving the absorption and effectiveness of nutrients of the products to which it is associated
- o Protection against iron chlorosis, due to the presence of assimilable organic iron, which favours the formation of chlorophyll, enhancing photosynthetic processes, with consequent benefit for the whole plant.
- o less weight loss after storage in cold stores and more durability on the commercial circuit.

AVAILABLE IN PACKS OF:

1 Kg • 5 Kg • 10 Kg • 25 Kg • 200 Kg • 1.000 Kg



### NUTRAMIN 3-4-5 PLUS®

#### ORGANIC-MINERAL FLUID WITH TRACE ELEMENTS

*For fertigation*

Total Nitrogen (N)	3 %
Organic Nitrogen (N)	3 %
Phosphorus pent oxide (P <sub>2</sub> O <sub>5</sub> ) water soluble and ammonium citrate	4 %
Potassium oxide (K <sub>2</sub> O) sulphate	5 %
Carbon (C) organic	7 %
Manganese	0,02 %
Zinc	0,02 %
Iron (naturally occurring)	0,01 %

**NUTRAMIN 3-4-5®** is an organic-mineral-based fluid animal blood. It is a complete product particularly suitable for root treatment in the orchard and vineyard ensuring excellent root nutrition.

#### Components:

Organic Matrix: fluid Blood

Minerals Matrix: Magnesium potassium sulphate, potassium phosphate, manganese sulphate, zinc sulphate

#### NUTRAMIN 3-4-5 PLUS® ALSO IMPROVES QUALITY AND YIELDS OF CROPS THANKS TO:

- o Increased sugar (Brix)
- o increase in protein content
- o increase in specific gravity
- o more intense flavour
- o better lignification
- o Increased intensity of the colour of flowers, fruits and leaves
- o anti-stress (transplant, frost, drought) increasing the defences
- o greater resistance to parasites of various kinds



# PACK SIZES

## LIQUID FERTILISER PACK SIZES



1Kg



5Kg



10Kg



25Kg



200Kg



1000Kg

## GRANULAR FERTILISER PACK SIZES

Totally safe from the standpoints of human and plant health, following heat treatment in accordance with EC Health Regulation 1069/2009 on the total elimination of pathogens (bacteria, bacilli, viruses, etc.).



20Kg



25Kg



500Kg



[www.sistema.it](http://www.sistema.it)