

## FERTIL 10

### 1. Product information

<b>Regulatory framework</b>	<b>Nitrogen organic fertilizer – Mixture of organic nitrogen fertilizers</b> according to the Italian Legislative Decree 29 April 2010, n.75. ALLOWED IN ORGANIC FARMING according to the Reg. (CE) n. 834/2007
<b>Product description</b>	<b>FERTIL 10</b> is a pelleted organic nitrogen fertilizer, which contains 70% of <b>AGROGEL®</b> , therefore with a high content of organic nitrogen (10%) and organic carbon (40%), totally bioavailable. It also contains calcium and magnesium, complexed with the organic matrix.
<b>Functional properties</b>	The high percentage of <b>AGROGEL®</b> allows <b>FERTIL 10</b> a gradual and balanced release of nitrogen and avoids losses due to leaching and volatilization. The high presence of organic carbon, calcium and magnesium also increases soil fertility and ensure balanced nutrition and development of crops throughout the vegetative cycle, increasing the final yeald.
<b>Indications for use</b>	<b>FERTIL 10</b> can be applied to a wide range of crops, both extensive and arboreal and horticultural, and is suitable for applications at the beginning of the vegetative cycle and in post-harvest. The neutral pH and very low salinity also allow the distribution for young seedlings in pre-transplantation.
<b>Packaging</b>	25kg – 500kg
<b>Physical state</b>	Solid – pellet 4,5mm

## 2. Analysis

Parameter	Value	Tolerance
<b><u>Chemical parameters:</u></b>		
Organic (N) nitrogen	10.0%	± 0.5
Water soluble (N) organic nitrogen	≥ 5.0%	-
Organic (C) carbon	40.0%	± 1.0
Extractable organic carbon/total organic carbon	85.0 – 95.0%	-
Magnesium oxide (MgO)	2.5 – 3.5%	-
Calcium oxide (CaO)	7.0 – 9.0%	-
Iron (Fe)	0.1 – 0.3%	-
Total Aminoacids	55.0 – 70.0%	-
Dry matter	> 90.0%	-
Organic matter	68.0 – 75.0%	-
Ashes	18.0 – 24.0%	-
Chlorides (Cl <sup>-</sup> )	< 1.5%	-
<b><u>Physical parameters:</u></b>		
Electrical conductivity 1:100 (dS/m)	0.85 – 1.25	-
Bulk density (kg/dm <sup>3</sup> )	0.74	± 0.2
pH	6.5 – 7.5	-

## 3. Microbiological analysis

Parameters	Value	Method of analysis
Escherichia coli Beta-glucuronidasi positive (UFC/g)	< 10	ISO 16649-2: 2001
Salmonella spp.	Absent in 25g	UNI EN ISO 6579-1:2017

## 4. Warnings

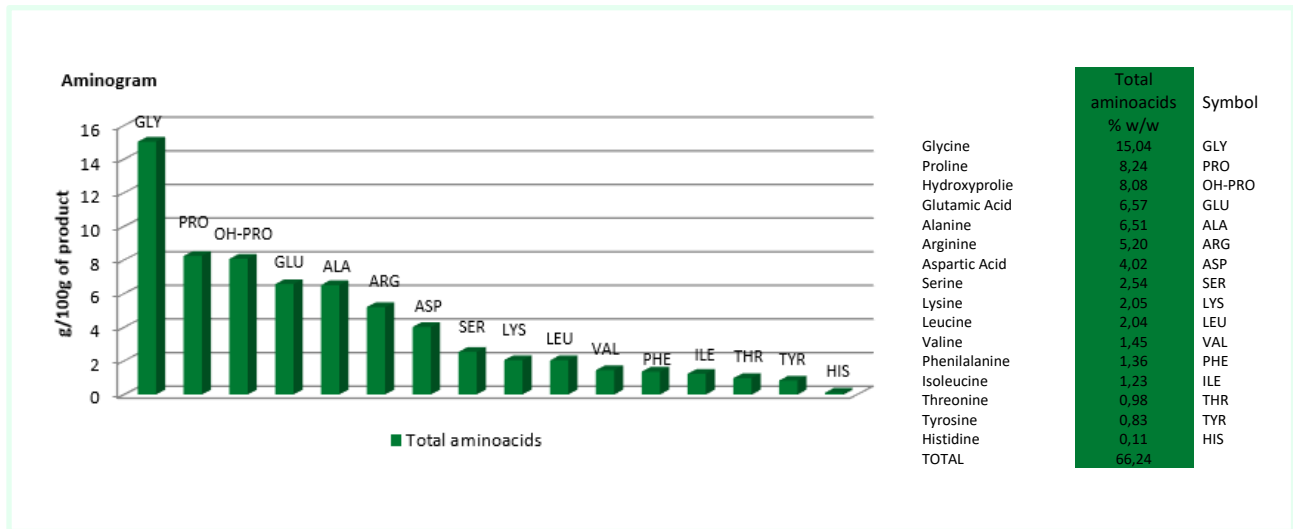
<b>Storage</b>	Store in a cool, dry place, away from children, sunlight and heat sources.
<b>Use</b>	When used in conjunction with other agricultural products, adhere to all label requirements mentioned in technical data sheet and in the label.

## 5. Aminogram

### Analysis method

Analysis performed by HPLC.

The data reported here are the best of our knowledge, but are not intended as product specifications.



## 6. Precautions for use

Before using this product, read the Information Safety Data Sheet.

