

AMINO ACID 74%

Name:	Amino acid 74%
EC number:	309-353-8
CAS number:	100209-45-8
REACH registration No.:	01-2119980073-39-XXXX

SPECIFICATION

Appearance:	Yellowish powder
pH (1%)	4,5 ± 0,5
Nitrogen	13,5 % w/w min.
Organic Nitrogen	12,0 % w/w min.
Free amino acids	74,0 % w/w min.

AGRONOMIC CHARACTERISTICS

Amino acids are used as a form of fertilizer, with biostimulant action, for foliar and/or root use; They are the basic components of proteins and are essential for the growth and development of plants. They function as nutritional supplements and stimulant agents to improve crop health and performance.

As they are amino acids of plant origin, extracted from plant sources, they have greater absorption and better availability of other elements present for the crop, thanks to their chelating properties. They have a lower environmental impact and their use is compatible and can be used in organic farming.

In addition, they positively and prominently influence such relevant factors and parameters as: stimulation of plant growth, improvement in nutrient absorption, greater tolerance to stress, increase in crop quality, stimulation of the plant immune system (inducers of defenses), increase in efficiency in the use of other fertilizers and promote germination and rooting.