



TDS

ACTIVE INGREDIENT	Active Organic Matter, Fulvic Acid, Polypeptides, Carbohydrates, Carbon, Nitrogen, Phosphorous, Potassium & Multi-minerals (Zinc- Iron-Manganese - Calcium-Magnesium)
CHEMICAL NAME	Organic Matter, Fulvic Acid
CHEMICAL GROUP	Organic Matter, Fulvic Acid
CONCENTRATION AND FORMULA	Organic Matter (36% w/w), Polypeptides (24% w/w), Fulvic Acid (2% w/w), Total Nitrogen (5% w/w), Available Phosphate (1% w/w), Soluble Potassium (0.5% w/w) + ME. Soluble Concentrate.
TYPE OF ACTION	Biological Soil Activator
DEVELOPER	Pesquera Pacific Star S.A.
DISTRIBUTOR	Aminochem S.A.
TOXICITY	Non-toxic
ANTIDOTE	Basic Treatment

Bioamino-L ® is an Organic Liquid Amendment aimed at activating soils, with a high content of organic matter of a non-humid origin, fulvic acid, polypeptides of a very high biological quality, macro-nutrients and micro-nutrients easily assimilated by the vegetables.

The active organic matter amounts to the fraction of the total organic matter that is easier to decompose; also called “labile fraction”. Its components include the microbial biomass from the soil, polysaccharides, fulvic acid and other non-humid substances. This fraction provides the majority of energy in micro-organisms and a large portion of mineralized nitrogen. It is also responsible for beneficial effects in the structure of the soil (aeration, water infiltration, resistance to erosion and it is easily worked). It is an indicator of the dynamics of the soil and its quality because a good microbial activity is the reflection of the best physical and chemical conditions that enable the development of metabolic processes of bacteria, fungus, algae and actinomycetes and its action on the decomposition of organic substrates.



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RECOMMENDATIONS FOR USE

CROPS	DOSE L/Ha	APPLICATION
Pomaceous (Apples - Pears - Quinces); Stone fruits (Plums - Peaches - Nectarines - Cherries); Dried Fruits (Walnuts - Almonds - Hazelnuts); Vines (table grapes - wine grapes) Citrus fruits (Lemons - Oranges - Mandarins - Tangerines); Avocado, Olives and Pomegranates	40-200	Apply since sprouting begins and throughout the whole of the vegetative cycle of the crop. Split up the dose with each weekly watering (10 L/Ha/Week).
Smaller fruit (blueberries, raspberries, strawberries, cranberries)	40-120	With loosely textured soil use the higher dose
Leafy & Stalked Vegetables (Lettuce-Cabbage-Chard-Celery) Root Vegetables (Carrots-Beetroot-Radish) Flowering Vegetables (Cauliflower -Broccoli - Artichokes) Fruit Vegetables (Cucumber-Tomato-Peppers-Melon-Watermelon)	40-120	Apply as from 7 days after transplantation or after an emergency. Split up the dose with each weekly watering (8 L/Ha/Week) With loosely textured soil use the higher dose
Potatoes	20-60	Apply in the establishment of the crop, either in incorporated pre-plantation (hoeing or light tilling) or the plantation furrow next to the plant phytosanitary system (20 L/Ha). Repeat, starting from the emergency until just before the closing of the row (10 L/Ha/application).

*The doses and times for application are only suggestions and they do not necessarily represent a general recommendation. The company bears no responsibility for any misuse or mismanagement as well as any adverse effects stemming there from. For proper doses, kindly contact your technical advisor



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CHARACTERISTICS OF BIOAMINO-L®

BIOAMINO-L® provides a substantial improvement of the physical and chemical properties of the soil. **BIOAMINO-L®** stimulates the formation of a superficial organic layer in the soil due to its active organic matter.

BIOAMINO-L® enhances the organic life and micro-organisms of the soil.

BIOAMINO-L® increases aeration, cation exchange capacity (CIC) and the retention of humidity in the soil.

BIOAMINO-L® improves the growth of plants' radical system.

BIOAMINO-L® increases nitrogen mineralization rates in the soil; hence the nitrogen available in the soil.

BIOAMINO-L® improves plants' vitality, enabling them confront stressful situations.

BIOAMINO-L® replaces applications of composted or fresh guano.

GENERAL INSTRUCTIONS FOR USE

- Apply using a technified watering system or directly into the soil by means of drenching
- Let 48 hours pass and no irrigation after the application.
- Apply the product directly and undiluted.
- The product stratifies in two phases; shake before dosing.
- Does not produce foam.
- Do not leave the master solution in the tank from one day to another; apply on the same day it is prepared.
- The product is compatible with some, but not all phytosanitary products or fertilizers, therefore, it is suggested to carry out compatibility tests prior to application.
- Natural product, concentrated, non-toxic for either persons or animals. Non-corrosive.
- Stable product under normal storage conditions. Does not cause chemical reactions with its container.
- Keep the product stored in closed bins, in fresh and dry places; far from the reach of animals and, once open, use completely.
- 20 L. HDPE (high density polyethylene) Bins with a highly resistant security seal.