

TECHNICAL DATASHEET



ACTIVE INGREDIENT	Active Organic Matter, Fulvic Acids, Polypeptides, Carbohydrates, Carbon, Nitrogen, Phosphorus, Potassium and Multiminerals (Zinc-Iron-Manganese-Calcium-Magnesium)
CHEMICAL NAME	Organic Matter, Fulvic Acids
CHEMICAL GROUP	Organic Matter, Fulvic Acids
CONCENTRATION & FORMULATION	Organic Matter (50% w/w), Polypeptides (36% w/w), Fulvic Acids (2% w/w), Total Nitrogen (5%), Total Phosphorus (1%), Potassium (0.5%) + ME Soluble Concentrate.
MODE OF ACTION	Biological Soil Activator
FORMULATOR	Pesquera Pacific Star SA (Pacific Star Fishery)
DISTRIBUTOR	AminoChem S.A.
TOXICITY	Non-Toxic
ANTIDOTE	Basic Treatment

Bioamino-L® is a liquid organic amendment to activate soils, it has a high organic matter content of non-humic origin, fulvic acids, high biological quality polypeptides, macronutrients (Nitrogen, Phosphorus, Potassium, Calcium, Magnesium) and micronutrients (Zinc, Manganese, Iron) that are easily assimilated by vegetables.

Its active organic matter corresponds to the fraction of the total organic matter with the easiest decomposition, also known as "labile fraction." Its components include soil microbial biomass, polysaccharides, fulvic acids and other non-humic substances. This fraction provides most of the energy in the microorganisms and a large part of the mineralizable nitrogen. Furthermore, it is responsible for beneficial effects in the soil structure (aeration, water infiltration, resistance to erosion and ease of tilling.) It comprises an indicator of the soil dynamics and its quality, since good microbial activity is a reflection of the optimum physical and chemical conditions that allow for the development of metabolic processes of bacteria, fungi, algae and actinomycetes and their action upon decomposition of organic substrates.

TECHNICAL DATASHEET



RECOMMENDATIONS FOR USE IN FERTIGATION

CROPS	FOLIAR DOSAGE LT/He ct.	APPLICATION FORM
Pomaceous (Apples – Pears - Quinces); Stone Fruits (Plums – Peaches – Nectarines - Cherry); Dry Fruits (Walnuts – Almonds - Hazelnuts); Vineyards (Wine grapes – Pisco grapes – Table); Citrus (Lemons – Oranges – Mandarins - Clementines); Avocados; Olives; Pomegranates & Kiwis.	40-200	Apply from start of sprouting for the duration of vegetative cycle of the crop. Partialize the dosage in each week of irrigation (10-20 Lt/Hect/Week). For soils of light textures use a larger dose.
Minor fruits (Blueberry, Raspberry, Strawberry, Blackberry, Cranberry)	100-120	
Leaf and Stem Vegetables (Lettuce – Cabbage – Chard – Celery) Bulb/Root Vegetables (Carrots – Beets – Chicory – Radishes) Flower Vegetables (Cauliflower – Broccoli – Artichokes) Fruit Vegetables (Cucumber – Tomato – Peppers – Melon – Watermelon).	40-120	Apply starting 7 days post transplant or post emergency. Partialize the dose in each week of irrigation (5 - 10 Lt/Hect/Week) For soils of light textures use a larger 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 lt/hect). Repeat, starting from the emergency until just before the closing of the row (10 lt/hect/application).

*Dosages and application times are only suggestions and do not necessarily represent a general recommendation. The company is not responsible for poor

TECHNICAL DATASHEET



management and use, as well as the adverse effects derived. For correct dosage, one must consult a technical advisor.



CHARACTERISTICS BIOAMINO-L®

BIOAMINO-L®, provides a substantial improvement of the physical-chemical properties of the soil.

BIOAMINO-L®, stimulates the formation of a superficial organic layer in the soil, due to the contribution of the active organic matter.

BIOAMINO-L®, favors the organic life and the microorganisms in the soil.

BIOAMINO-L®, increases aeration, cation exchange capacity (CEC) and moisture retention in soils.

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

BIOAMINO-L®, increases soil nitrogen mineralization rates, thus available nitrogen in the soil.

BIOAMINO-L®, improves vitality of plants to face stressful situations.

BIOAMINO-L®, replaces applications of composted or fresh manure.

GENERAL INSTRUCTIONS OF MANAGEMENT

- Apply by means of a technified irrigation system or directly to the soil by means of drenching.
- Allow 48 hours to go by without irrigation after the application.
- Apply the product directly without previous dilution.
- The product is stratified in two phases, shake prior to dosage.
- Does not generate foam.
- Do not leave the prepared solution in the tank from one day to the next; apply the same day of preparation
- Apply the product alone without mixing it with other products.
- Natural product, concentrated, non-toxic for persons and for animals. Non-corrosive.
- Stable product under normal storage conditions. Does not cause chemical reactions with its container.
- Keep the stored product in closed drums, in fresh, dry places, away from the reach of animals. Once open use completely.
- 20 Lt. container drums. Made of HDPE (High Density Polyethylene) material, with a highly resistant security seal.