

TECHNICAL DATASHEET



AminoSoil Premium®

ACTIVE INGREDIENTS	Organic Nitrogen, Phosphorus, Potassium, Multiminerals, Amino Acids, Low Molecular Weight Peptides, Active Organic Matter, Fulvic Acids, Carbon.
CHEMICAL NAME	Protein Hydrolysates
CHEMICAL GROUP	Protein, Amino Acids, Fulvic Acids, Organic Matter
CONCENTRATION & FORMULATION	Total Organic Nitrogen (12%), Total Phosphorus (1%), Potassium (0.3%) + ME, Total Protein (68-69% w/w), Organic Matter (80% w/w).
MODE OF ACTION	Organic Nitrogen Fertilizer - root absorption.
FORMULATOR	Pesquera Pacific Star SA (Pacific Star Fishery)
DISTRIBUTOR	AminoChem S.A.
TOXICITY	Non-Toxic
ANTIDOTE	Basic Treatment

AMINOSOIL PREMIUM® is a Fertilizer with high content of organic nitrogen per establishment and state of vegetative development. Highly concentrated in organic matter and amino acids of very high biological quality plus macro and microelements. Next generation product, environmentally friendly, easily assimilated by plants, designed for large establishments, stages of vegetative growth, improvement of weakened orchards of major and minor fruit trees, forest plantations, annual crops, vegetables, bulbs, seedlings, ornamental crops, fruit and forest nurseries.

Provides effective nutrition to crops, enhancing their root and immune systems (concentrated in lysine), promoting organic life and soil microorganisms.

AMINOSOIL PREMIUM®, is a high quality national product for Nitrogen fertilization of organic crops. It has been tested on different plant species and shows an outstanding response in establishing and recovering them.

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RECOMMENDATIONS FOR USE IN FERTIGATION

CROPS	DOSAGE	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; Minor fruits (Blueberry - Raspberry-Strawberry – Blackberry - Cranberry)	50 - 100 Kg/hect.	Mixed with the base mineral fertilizer at seeding.
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; Minor fruits (Blueberry - Raspberry-Strawberry – Blackberry - Cranberry)	40-100 gr/plant 60-240 Kg/ha/season	Into the planting hole mixed with the substrate at the time of establishment. Via fertigation or drench in weekly doses between 5 – 20 kg/hect./application, until the total dose per season is completed. Use higher doses in case of completely replacing non-organic N.
Leaf and Stem Vegetables (Lettuce – Cabbage – Chard – Celery) Bulb/Root Vegetables (Carrots – Beets – Chicory – Radish) Flower Vegetables (Cauliflower – Broccoli – Artichokes) Fruit Vegetables (Cucumber – Tomato – Peppers – Melon – Watermelon) Potatoes	60-180 Kg/hect./season	Applied to the seed bed mixed with the substrate or via fertigation.

* Dosages and application times are only suggestions and they do not necessarily represent a general recommendation. The company is not responsible for poor management and use, as well as the adverse effects derived. For correct dosage, one must consult a technical advisor.

Plants that have AMINOSOIL PREMIUM® from the very beginning not only improve their resistance and adaptation to all types of environments, but also increase the capacity of growth hormone synthesis with the consequent greater potential in productivity and quality in all their tissues (roots, leaves, stems, flowers and fruits).

Due to its origin, Aminosoil Premium® also has macronutrients (N-P-K-Ca-Mg), micronutrients (Zn-B-Mn-Fe), and fulvic acid content, which contributes to a successful nutrition in all kinds of crops, vegetables and fruit tr

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CHARACTERISTICS AMINOSOIL PREMIUM®

AMINOSOIL PREMIUM®, fertilizer with high content of organic nitrogen.

AMINOSOIL PREMIUM®, provides rapid growth in plants in the establishment.

AMINOSOIL PREMIUM®, stimulates the formation of an organic surface layer over time because it favors organic life and soil microorganisms.

AMINOSOIL PREMIUM®, increases organic matter content, aeration, cation exchange capacity (CEC) and soil moisture retention.

AMINOSOIL PREMIUM®, improves the growth of the root system of plants, forming healthier, stronger and more vigorous plants.

AMINOSOIL PREMIUM®, increases the absorption rate of soil nutrients.

AMINOSOIL PREMIUM®, improves the vitality of plants to face abiotic stress situations.

AMINOSOIL PREMIUM®, provides effective nutrition to crops with metabolized nitrogen (amino acids) with great energy savings for the plant.

AMINOSOIL PREMIUM®, replaces applications of composted or fresh manure.

AMINOSOIL PREMIUM®, provides significant recovery of weak adult plants in established orchards.

GENERAL INSTRUCTIONS OF MANAGEMENT

- Apply the product to the soil, substrate or container, mix and homogenize carefully with the substrate and then plant.
- Do not apply through technified irrigation systems.
- Avoid direct contact of the seed and/or roots with agglomerations of the product.
- Natural, concentrated product, non-toxic to people and animals. Non-corrosive.
- Stable product under normal storage conditions. Does not cause chemical reactions with its container.
- Keep the stored product in closed sacks, in fresh, dry places, away from the reach of animals and rodents.
- 25 Kg. containers. In transparent BOPP (biaxially oriented polypropylene) with accordion pleats. Includes easy open system.