

## TECHNICAL DATASHEET



ACTIVE INGREDIENT	Amino acids, Low Molecular Weight Peptides, Active Organic Matter, Fulvic Acids, Carbon, Nitrogen, Phosphorus, Potassium, Multiminerals.
CHEMICAL NAME	Protein Hydrolysates
CHEMICAL GROUP	Amino Acids, Fulvic Acids.
CONCENTRATION & FORMULATION	Total Amino Acids (15% w/w), Free Amino Acids (8% w/w), Fulvic Acids (9.5% w/w), Active Organic Matter (15% w/w), Total Nitrogen (2.5%), Total Phosphorus (1%), Potassium (0.3%) + M.E Soluble Concentrate.
MODE OF ACTION	Fertilizer and Biostimulant.
FORMULATOR	Pesquera Pacific Star SA (Pacific Star Fishery)
DISTRIBUTOR	AminoChem S.A.
TOXICITY	Non-Toxic
ANTIDOTE	Basic Treatment

**AMINOTERRA®** is a powerful fertilizer and liquid biostimulant, obtained from proteins of marine origin (Salmon), enzymatically hydrolyzed in controlled conditions with high technology. This advanced process allows the procurement of a stable product, rich in free amino acids and low molecular weight peptides, favoring absorption via foliar and radicular means, which allows plants to quickly build their own proteins and tissues, with the added benefit of great energy savings, especially in environments with nutritional, thermal, hydric, luminous or saline stress.

Plants that have constant free amino acids during their cycle not only improve their resistance and adaptation to all kinds of environments, but also increase their ability to synthesize growth hormones, with the consequent greater potential in productivity and quality of all their tissues (roots, leaves, stems, flowers and fruits).

Due to its origin, Aminoterra® also has interesting 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 trees.

Aminoterra® is carefully filtered in 3 stages, at 500, 200 and 100 microns, which allows versatility in its application forms, being able to be applied **through foliar feeding, in fertigation, or directly to the ground (in drenching).**

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### RECOMMENDATIONS FOR USE IN FERTIGATION

CROPS	FOLIAR DOSAGE LT/Hect.	DOSAGE FERTIGATION ON LT/Hect.	APPLICATION FORM
Pomaceous (Apples – Pears - Quinces); Stone Fruits (Plums – Peaches – Nectarines - Cherry); Dry Fruits (Walnuts – Almonds - Hazelnuts); Vineyards (Wine grapes – Pisco grapes – Table)	3 - 5	5 - 10	Dose per week from start of sprouting for 6 to 12 weeks
Citrus (Lemons – Oranges – Mandarins - Clementines); Avocados; Olives & Pomegranates	3 - 5	7 - 12	Dose per week from start of sprouting for 6 to 12 weeks
Vineyards & Fruit Orchards	3 - 5	5 - 6	Dose per week from start of sprouting for entire period of vegetative growth
Minor fruits (Blueberry - Raspberry-Strawberry – Blackberry - Cranberry)	3 - 5	4 - 6	Dose per week from start of sprouting for 10 to 12 weeks
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)	3 - 5	4 - 8	Dose per week, starting 7 days after transplant or post emergency for 6 to 10 weeks
CROPS	FOLIAR DOSAGE LT/Hect	DOSAGE FERTIGATION ON LT/Hect	APPLICATION FORM
Annual Crops (Cereals in general, Oilseeds & Grain Legumes, Corn), Complementary forage crops (Forage corn, oilseeds & grain legumes), hay & potatoes.	3 - 5	----	Apply from 1 up to 4 applications in phase of vegetative growth and 1 to 4 applications in reproductive phase.

\*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.

### GENERAL RECOMMENDATIONS FOR FOLIAR USE

For fruit species a concentration of 0.3 – 0.5 % of the total solution is suggested. For yearly crops, potatoes and vegetables, apply a maximum concentration of 3%.

In case of critical stress situations the foliar dosages may be duplicated without much inconvenience or the application frequency could be increased. Do not apply in hours of great sunshine or high temperatures.

### CHARACTERISTICS AMINOTERRA®

**AMINOTERRA®**, provides direct nutrition with amino acids (contributing metabolized nitrogen with great energy savings for plants).

**AMINOTERRA®**, strengthens and recovers plants subjected to stressful situations (decreasing losses of productive potential).

**AMINOTERRA®**, induces the formation of healthier, more resistant and vigorous plants.

**AMINOTERRA®**, causes rapid growth in the establishment

**AMINOTERRA®**, stimulates growth at the roots

**AMINOTERRA®**, increases the nutrient absorption rate

**AMINOTERRA®**, increases the soil microbial populations.

**AMINOTERRA®**, increases yields and favors higher qualities.

**AMINOTERRA®**, improves the harvest quality

### GENERAL INSTRUCTIONS OF MANAGEMENT

- Apply by means of a technified irrigation system during the middle third of irrigation, directly to the soil by means of drenching, ensuring it is located at the roots.
- In foliar applications use enough wetting to leave it well covered.
- Do not apply product without its previous dilution.
- Allow 48 hours to go by without irrigation after the application.
- 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.