LABIN SMART TECH is a technology born from the exhaustive and Products with LABIN SMART TECH technology add to the mineral continuous study of the metabolism of plant nutrition, in all its aspects and from a very broad perspective.

The idea that the power of mineral elements involved in plant nutrition goes far beyond the achievement of food itself has been one of the most important lines of work of the company. On the other hand, knowledge of the metabolic processes involved in nutrition and the study of the **natural organic substances** involved has also been an important line of research. Finally, the study of strategic minerals, not considered as fertilizers, has completed the lines of work.

elements natural organic substances involved in assimilation, transmission and actions inside the plant. The plant recognizes them as part of its metabolism and therefore their effect is much more effective. It also adds to the classic fertilizer elements, strategic natural minerals, which have a direct relationship with plant health, and which, in some cases, have not yet been considered as fertilizers.

The use of natural substances for the formulation of these products means that they can be used in Ecological Agriculture, that they have a great BIO-STIMULATING power and that, in addition, they can be easily mixed with other products on the market.

Products with LABIN SMART TECH technology are the latest generation of advanced LABIN products, providing solutions to an increasingly TECHNICAL, PRODUCTIVE and SUSTAINABLE agriculture.





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**SPECIALISTS** IN PLANT NUTRITION SINCE 1948



LABIN has been in the market since 1948 and has remained faithful to its vocation: **PLANT NUTRITION.** 

The "LABIN philosophy" is focused on obtaining the best performance for your plantations and crops, starting from the best HEALTH FOR YOUR PLANTS, obtained through their correct NUTRITION, applying the most suitable products. For this purpose, LABIN carefully studies natural processes (agricultural chemistry, metabolic processes, etc.) to trigger and stimulate them, thus offering the best solutions for AGRICULTURE.

The "LABIN technology" is used to design and manufacture these nutritional products. Some are generic for general use. Others are specific, for new needs that arise from the existence of various

types of "AgricultureS" in plural: dry, irrigated, extensive, intensive, conventional, sustainable, healthy, eco-biological, maximum productions (and overcome hunger), small productions (high quality "gourmet"), fourth range, energy, biodynamic, recreational (family orchard, garden, etc.) And always adapted to each crop, each different climate, soil and country. Specific needs of each case are derived from the different characteristics of each case.

LABIN, manufacturer and distributor of fertilizer products for agriculture, shows in this catalog, some examples of its wide range of products, applications, features and crops, and offers you the opportunity to move forward in this exciting world of Agriculture of the 21st Century.





ECOLOGICAL liquid fertilizer that provides complexed organic copper. Copper is an essential microelement in numerous physiological and metabolic processes in the plant. It is directly related to an increase in yields per

REACH Registration No. 01-2120780851-48-0004.



ECOLOGICAL formulation designed to provide free amino acids and low molecular weight peptides, which act with a very high efficiency against any situation that could affect the crop, both biotic and abiotic.



Liquid formulation designed to provide free amino acids through a perfect assimilation both foliar and by fertigation, which act with a very high efficacy against any kind of stress situation.



NPK ECOLOGICAL liquid fertilizer with organic matter and amino acids. Given its NPK level, it is ideal for phenological stages that require more phosphorus and potassium. It is an easy to apply a source of organic liquid phosphorus.



Product formulated as a soluble NPK concentrate based on humic and fulvic acids and macronutrients. Powerful rooting agent for seedbeds, nurseries and horticultural crops. Provides fast recovery from the post-transplant stress.



Foliar fertilizer in powder form, rich in PHOSPHORUS, with the ideal level of P+microelements for the nutritional needs in the BLOOMING and FRUIT DEVELOPMENT phases of any plant species. Effective in difficult and very limiting situations.



ECOLOGICAL liquid fertilizer to provide a greater amount of energy to the plant, which will then be used in critical phases such as flowering and fruit development.



The power of the best algae in this ORGANIC liquid formulation, designed to minimize stress situations and enhance plant nutritional strategies.



ECOLOGICAL liquid fertilizer, formulated with seaweed of natural origin. These have a high content of vitamins, polysaccharides and natural antioxidants, which provide a bio-stimulant effect on plant growth.



Liquid fertilizer formulated with seaweed of natural origin + NPK. To stimulate crops in the most stressful periods.



ECOLOGICAL liquid formulation providing the efficacy of the best marine algae together with the necessary micronutrients to avoid deficiencies and obtain great results.





LABIFOL **BORO 15%** 11.1% B complexed

Liquid fertilizer for foliar application that provides fully assimilable boron. Indicated for crops sensitive to boron deficiency, as well as in phenological phases that require



ECOLOGICAL iron chelate, totally soluble and with great stability and persistence, even in poor soils. It acts quickly against iron deficiencies in any vegetable crop.



Nutrient active silicon, developed for foliar application. It will regularize nutrients, making fertilization more efficient. Thanks to its application, it will increase the post-harvest life of the fruits.



Active nutrient silicon, formulated for fertigation. With its application the assimilation of other nutrients will be improved, increasing the response of plants to water stress. It hardens and thickens the cell walls of vegetative organs, improving fruit quality.















Liquid fertilizer based on magnesium nitrate, enriched with chelated microelements for a perfect foliar assimilation. Apply to prevent magnesium deficiencies and provide the plant with a guick source of nitrogen.



Liquid calcium developed with LABIN SMART TECH technology to provide the most active calcium complex on the market. The plant recognizes the Ca complex as its own and translocates it through the sap to all plant organs.



ECOLOGICAL liquid fertilizer based on calcium acetate. Thanks to the supply of assimilable calcium, physiopathies are reduced in the post-harvest phase, as well as an increase in resistance to handling. DOES NOT CONTAIN CHLORIDES.



ECOLOGICAL liquid fertilizer that provides the synergy of Nitrogen Magnesium Sulfur and free Amino Acids, in order to obtain a better quality crop and an increase in production. In addition, its formulation incorporates BETAINES, which acts as an OSMOPROTECTANT at the cellular level of all plant organs.







Liquid fertilizer that is crucial to prevent or treat deficiencies in crops that are sensitive to lack of Mn, Zn, B and Fe.



Solid mixture of micronutrients in powder form. It is an excellent deficiency corrector for the prevention and/or treatment of deficiencies that may arise in these two microelements.



Solid blend of ORGANIC micronutrients for foliar and root application. It provides a totally balanced formulation adapted to the needs of each crop. It guarantees perfect solubility and assimilation.



Solid fertilizer in powder form that provides a complete range of microelements, in chelated form and therefore fully assimilable, to meet the needs of intensive, high-yield horticultural crops



Solid ECOLOGICAL fertilizer in powder form that provides a complete range of microelements, in chelated form and therefore fully assimilable, to meet the needs of intensive horticultural crops, with high yields.

	QUELABIN's
0	The QUELABIN range in liquid form for foliar

Guaranteed richness in %w/w	
bio	Quelabin B
	Quelabin Zn
	Quelabin Mg
	Quelabin Mn
bio	Quelabin Fe
bio	Quelabin Mo
	Quelabin Polimicro





Soluble powder fertilizer for foliar application, fertigation and hydroponics. Rich in phosphorus, boron and molybdenum, it has been formulated to meet the nutritional needs of any vegetative species at the time of flowering and fruit set.

8% B. 3.3% Mo



#### LABIPACK OLIVO CRECIMIENTO 14% N. 4% P205. 14% K20. 3% MaO, 20% SO3

2% free aa + B, Fe, Mn and Zn Foliar and fertigation fertilizer that provides the macro, meso, microelements and amino acids necessary for the development of the olive grove in the VEGETATIVE GROWTH phase



#### LABIPACK OLIVO MADURACION 8% N, 5% P2O5, 35% K2O, 2% MaO. 16.5% SO3. 2% free aa + B, Cu, Fe, Mn and Zn

Foliar and fertigation fertilizer specially designed to be applied in olive groves during the period of GROWTH AND RIPENING of the fruit.



LABIPACK **ALMENDRO** 12% N. 5% P205, 15% K20. 3% MaO. 32.5% SO3 2% free aa + B, Fe, Mn, Mo and Zr

Foliar fertilizer that provides the macro, meso, microelements and amino acids necessary for the DEVELOPMENT OF THE ALMOND TREE in the phases of VEGETATIVE GROWTH and FRUIT DEVELOPMENT.



LABIPACK GRADO 6% N, 5% P2O5, 38% K2O, 2% MaO. 16.5% SO3. 2% free aa + B, Cu, Fe, Mn and Zn

LABIPACK GRADO will increase the GRADE of the GRAPE. Designed to be applied on the grapevine during the period of GROWTH and MATURATION of the grape.

# NPK GRANULATES AND MICRO-GRANULATES





RETARDO 5% N, 7% P2O5, 9% K2O, 2% MgO 15% SO3, 2% Fe, 8% Corg, 1% humic acids

NPK organo-mineral granulated fertilizer with iron and humic lignite. The results of its application are framed in the set of nutritional balance, assimilation and raw materials. DOES NOT CONTAIN CHLORIDES.



Organic granulated NITROGENATED fertilizer, especially indicated to satisfy the needs of nitrogen and organic matter in Ecological Agriculture.



Organo-mineral fertilizer with high POTASSIUM content, recommended to satisfy the nutritional needs of vineyards, olive groves, fruit and tropical trees and horticultural crops.





Wide range of organic, organomineral and mineral fertilizers, all of them certified for Ecological

Agriculture that meet the needs of ECOLOGICAL crops. Comprising: Labinor N-10, Labinor P-27 ORG, Labinor K-30, Labinor 6-4-4, Labinor 4-6-12, Labinor 0-10-20, Labinor 6-12-0, Labinor 5-2-7, Labinor Calfert. etc.



We offer a wide range of balances to provide solutions to all the needs of different crops and situations. In addition to the organic matter incorporated in each granule, they are enriched with Iron, Magnesium, Boron or 7inc.

## WATER SOLUBLE NPK





### WATER SOLUBLE NPK

Products in the form of crystalline powder, perfectly soluble in water, containing micro- and macro-elements in different balances.



3% N. Liquid fertilizer that, due to its acid pH, lowers the pH of

all nutrient mixtures, while improving their moisturizing capacity, without producing froth. Its formulation incorporates an indicator that allows the control, visually, of the moment of reaching the adequate pH.



Liquid fertilizer with acidifying, stimulating, emulsifying and pH indicator power, for any nutritional solution.



Micro-granulated NP fertilizer with iron and zinc. Specially indicated to obtain a high yield in fertilization with seeds. Its application as a starter fertilizer of the crop allows a more uniform and targeted distribution of nutrients, resulting in greater efficiency in root development and germination of the crop.