

QUELAGROW

IBERICA

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QUELAGROW
IBERICA

NUTRITION AND PROTECTION

Introduction

Our company

QUELAGROW IBERICA is a company dedicated to the manufacture and development of products destined to agriculture.

Our goal is the maximum satisfaction of the client at all levels. For all that we work with our clients in different ways: exclusive distribution, white label, etc ...

Our facilities are located in Almeria, an intensive production area with more than 30,000 hectares, where the latest advances in agriculture are made. In addition, Almeria has a perfect situation for the export of our products through the main Spanish ports, which makes the management of international orders very fast.

QUELAGROW IBERICA is present in the main markets of Latin America, Europe and Africa. Offering real solutions in plant nutrition and biological fight against pests and diseases.

Our catalog is constantly evolving and adapting to the markets in which we are present, where we promote "exclusive" products for our customers and distributors.

We are manufacturer!



NUTRITION AND PROTECTION



Introduction

Facilities

Thanks to our modern facilities we are able to offer our customers any type of format and packaging, from 250cc to 1,000 liters (for liquid products) or from 250grams to 25kg (for solid products) and adapt to your packaging requirements and labeling.

We have a high manufacturing capacity thanks to the various mix reactors we have which, together with the automation of the packaging, allows us to serve the orders in a short space of time.

We are specialists in small format, both liquid and solid, being able to customize the packaging to customer requirements



We have a wide portfolio of suppliers that allows us to adapt to the needs of our customers, from raw materials, packaging, labels, etc ... everything can be conditioned at the request of the markets in which we are present. In these markets exist a great variety in crops, technification, qualification etc ...

NUTRITION AND PROTECTION



HUMIC ACIDS AND ORGANIC MATTER

QUELAFERT® HUMIC

QUELAFERT® HUMIC GOLD

QUELAFERT® ORGANIC

QUELAFERT® ORGANIC HIERRO

 QUELAGROW
IBERICA

Nutrición y Protección

Quelafert HUMIC 20

CERTIFIED BY:



Supplies for organic farming

LIQUID HUMIC CONDITIONER

QUELAFERT® HUMIC20 is a natural humic conditioner, obtained from American Leonardite and presented in the form of a soluble liquid, that improves the physical, chemical and biological characteristics of the soil. The use of the product allows the medium (soil) in which the crops are grown to be improved and transformed, facilitating the availability and assimilation of the nutrients by the crops.

COMPOSITION

Total Humic Extract	20,00% w/v	18,18% w/w
Humic acids	10,00% w/v	9,09% w/w
Fulvic acids	10,00% w/v	9,09% w/w
Density	1,10 g/cc	1,10 g/cc
pH	12	12

We can supply another composition:

Extracto Húmico Total	16%	26%	26%
Ácidos Húmicos	10%	10%	16%
Ácidos Fúlvicos	6%	16%	10%

DOSES

Fertirrigation	10-20 L/Ha
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Apply throughout the crop cycle in vegetables and fruits, from transplanting or early vegetative growth to fruit set and fruit fattening in doses depending on the state of land degradation, crop stress and environmental conditions.

Horticultural and ornamental crops: Total dose: 35-40 L / ha/year, divided into 4-6 applications of 8-12 L / ha through drip irrigation, in the most critical moments of crops. The first application was made for the purpose of promoting rooting, at 10-15 days of transplantation and in case of direct seeding with plant height of 15 cm. In intensive farming can be applied through fertigation of 2.5-3 L / ha every 8-10 days, decreasing to 1.5 L / ha in the final stage of the crop

Woody crops: citrus, fruit, olive, vine, vines and banana: Dose Total 40-60 L / Ha/year, as crop development and plantation frame, divided into 3-4 applications of 15 L / Ha, from start sprouting.

Industrial crops: In sprinkler irrigation, flood or furrow using a total dose of approximately 50 L / ha, divided into 3-4 applications of 20 L / Ha.

Perennials located in applications: Small plants or trees: 15-20 cc / ft and application. Trees developed at 30-50 cc / ft, dissolved in water. Make Multiple applications during the year.

LÍNEA ÁCIDOS HÚMICOS Y MATERIA ORGÁNICA
Nutrition and Protection



Quelafert

HUMIC-GOLD

SOLID HUMIC CONDITIONER

QUELAFERT® HUMIC-GOLD is a natural humic conditioner, obtained from American Leonardite and presented in the form of a soluble solid, that improves the physical, chemical and biological characteristics of the soil.

The use of the product allows the medium (soil) in which the crops are grown to be improved and transformed, facilitating the availability and assimilation of the nutrients by the crops.

COMPOSITION w/w

Total Humic Extract (T.H.E.)	72,00%
Humic acids	56,00%
Fulvic acids	16,00%
Potassium (K ₂ O) water soluble	8,00%

COMPOSITION

Fertirrigation	2 - 6 kg/Ha
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Apply throughout the crop cycle in vegetables and fruits, from transplanting or early vegetative growth to fruit set and fruit fattening in doses depending on the state of land degradation, crop stress and environmental conditions.

Horticultural and ornamental crops: Total dose: 3-7 kg / ha/year, divided into 4-6 applications of 2,5-3,5 kg / ha through drip irrigation, in the most critical moments of crops. The first application was made for the purpose of promoting rooting, at 10-15 days of transplantation and in case of direct seeding with plant height of 15 cm. In intensive farming can be applied through fertigation of 400-500g / ha every 8-10 days, decreasing to 250g / ha in the final stage of the crop

Woody crops: citrus, fruit, olive, vine, vines and banana: Total dose: 7,5-10kg / Ha/year, as crop development and plantation frame, divided into 3-4 applications of 2,5 kg / Ha, from start sprouting.

Industrial crops: In sprinkler irrigation, flood or furrow using a total dose of approximately 8,5 kg / ha, divided into 3-4 applications of 3,5kg / Ha.

Perennials located in applications: Small plants or trees: 2,5-3,5 g / ft and application. Trees developed at 5-9 g / ft, dissolved in water. Make Multiple applications during the year.

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Nutrition and Protection



Quelafert ORGANIC

CERTIFIED BY:



Supplies for organic farming

ORGANIC FERTILIZER

QUELAFERT® ORGANIC40 is a liquid organic matter, rich in fulvic acids.

QUELAFERT® ORGANIC40's agronomic benefits are:

- Development strong root system
- Improve the cation exchange capacity of the soil by increasing the clay-humic complex.
- Improve the soil structure and modifies its physical, chemical and biological qualities.
- Facilitates soil oxigenation, liberates fertilising elements and improves bacterial activity

COMPOSITION

Potassium (K ₂ O) water soluble	5% w/w	6% w/v
C. orgánico	22% w/w	26% w/v
Relación C/N	11	
Organic Matter Total (O.M.T)	33% w/w	40% w/v

DOSES

- Drip irrigation:
 - Citrus fruits, grapes, vegetables: Total dose of 50-70 L / ha, divided into 3-5 applications during the growing period.
 - In perennials begin before the start of sprouting.
- Flood irrigation:
 - Total dose of 60-80 L / ha, divided into 3-4 applications. The first application will be a few days after emergence.
 - In case of transplantation, the application will be held 10-15 days after transplantation.

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Nutrition and Protection



Quelafert

ORGANIC HIERRO

CERTIFIED BY:



Supplies for organic farming

ORGANIC FERTILIZER WITH IRON

QUELAFERT® ORGANIC HIERRO is a liquid organic matter with iron (complexed with organic acids)

'QUELAFERT® ORGANIC HIERRO's agronomic benefits are:

- Development strong root system
- Improve the cation exchange capacity of the soil by increasing the clay-humic complex.
- Improve the soil structure and modifies its physical, chemical and biological qualities.
- Facilities soil oxigenation, liberates fertilising elements and improves bacterial activity
- Provid iron to crop, this iron is complexed to facilitate their uptake by the plant

COMPOSITION (w/w)

Iron (Fe) water soluble	2%
Iron (Fe) lignosulphonate potassium complexed	2%
Fulvic acid (F.A)	30%
Potassium (K ₂ O) water soluble	2%
Density	1,1 gr/cc
pH	5

DOSIS

Fertirrigation	10-20 L/Ha (2-4 app.)
Irrigation flood	20-50 L/Ha (4-6 app.)

The major doses will be applied in poor soils in organic matter, saline soils or with high degree of desertification. es iron to crop, this iron is complexed to facilitate their uptake by the plant

LÍNEA ÁCIDOS HÚMICOS Y MATERIA ORGÁNICA
Nutrition and Protection



CORRECTORS OF DEFICIENCIES

QUELAFERT[®] MICROS-S

QUELAFERT[®] MICROS-L

QUELAFERT[®] HIERRO

QUELAFERT[®] CALCIO

QUELAFERT[®] CALCIPLUS

QUELAFERT[®] SorbCa

QUELAFERT[®] Zn-Mn-S

QUELAFERT[®] Zn-Mn-L

QUELAFERT[®] BORO

QUELAFERT[®] CUAJE

QUELAFERT[®] ECOCUAJE

Quelafert MICROS-S

Solid mix of micronutrients chelated

QUELAFERT®MICROS-S mix of essential micronutrients, chelated with EDTA and presented in the form of soluble micro-granules (WG), indicated for preventing and correcting multiple deficiencies of various micronutrients essential for crops.

Maximum quality and homogeneity as the product is the result of a chemical mixture, in which every micro-granule has the same composition and richness of chelated micronutrients

COMPOSITION (w/w)

Iron (Fe) EDTA	7,00%
Manganese (Mn) EDTA	2,40%
Zinc (Zn) EDTA	0,60%
Copper (Cu) EDTA	0,30%
Boron (Bo) mineral	0,70%
Molybdene (Mo) mineral	0,20%

DOSES

Fertirrigation	3-5 kg/Week
Hydroponic	1-3kg/100 m ³ Sol. Nut.
Promptly	100-200 g/HI

It is possible to apply to all kinds of cultures: horticultural, fruit trees, grapevine, olive tree, strawberry, ornamental and lawns.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert MICROS-L

CERTIFIED BY:



Supplies for organic farming

Liquid mix of micronutrients chelated

QUELAFERT® MICROS-L is a soluble concentrate high in micronutrients. The metallic elements are chelated by EDTA and the rest in mineral form.

QUELAFERT® MICROS-L for being a liquid, has great advantages over solid formulations: the dosage is easier, no deposits or clumping occurs, its solubility is total and does not clog the filter systems of modern irrigation controllers.

QUELAFERT® MICROS-L has a high content (5.2%) in iron (Fe), so it is a very suitable formulated in urgent corrective treatments (treatments rescue) of iron chlorosis.

PH range which ensures a good stability of the chelated fraction: pH: 2 Y10

COMPOSITION	(w/w)	(w/v)
Iron (Fe) EDTA	4,00%	5,20%
Manganese (Mn) EDTA	1,90%	2,48%
Zinc (Zn) EDTA	0,50%	0,65%
Copper (Cu) EDTA	0,30%	0,39%
Boron (Bo) mineral	0,40%	0,52%
Molybdene (Mo) mineral	0,10%	0,13%

DOSES

Fertirrigation	2-5 L/Week
Hydroponic	1-3L/100 m ³ Sol. Nut.
Promptly	100-200 cc/HL

It can be applied to all types of horticultural crops, fruit trees, grapes, olives, strawberries and ornamentals.

Preparation of stock solution (fertilization):

If it is not available for application tank separately, it is recommended preferably mixed with calcium nitrate in their tank. It is convenient to acidify the solution to a pH of 5.5-6.5, for which we recommend the use of our product **QUELAFERT® RphPlus** at doses of 0.75 to 1 ml / l. The amount of product in tanks of application depends on the cropping system, with 2.5 to 6 l/1000l (lower doses for land crops and higher doses in crops substrate).

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert HIERRO

6% EDDHA CHELATED

Iron EDDHA chelate, presented in the form of soluble micro-granules, indicated for the prevention and correction of iron chlorosis under all manner of conditions, including calcareous and alkaline soils.

QUELAFERT® HIERRO avoids the deficiency of iron in fruit trees, vegetables and flowers for effect of the pH that there can accentuate for excess of water, lack of aeration of the soil or for the action antagonist of other microelements.

COMPOSITION (w/w)

Iron (Fe) water soluble	6,0 %
Chelating agent	EDDHA
% Orto-Orto	2 / 3,2 / 4,2 / 4,80%

DOSES

CULTIURES	YOUNGS	ADULTS
Pome fruit	10 - 20 gr/ft	30 - 75 gr/pie
Stone fruit	15 - 30 gr/ft	50 - 100 gr/pie
Citric	20 - 40 gr/ft	75 - 150 gr/pie
Bannanes	3 - 7 gr/plant	7 - 15 gr/planta
Avocado and vines	3 - 6 gr/plant	10 gr/planta
Vegetables and Ornamental	5 - 10 kg/Ha short cycle	10 - 20 kg/Ha long cycle

- Applications must be preventive.
- Doses should note the lack intensity, crop development, weather conditions and time of application.
- In perennials dose must be distributed into 2-3 applications, starting the first application at the beginning of the spring or before sprouting. It is necessary to repeat the application at 40 days and later in the summer sprouting.
- In horticultural and ornamental crops is recommended for 3-5 applications during the crop cycle, starting the first application at the beginning of the vegetative activity.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert Cobre

COPPER EDTA CHELATE

QUELAFERT® COBRE is a copper EDTA chelate, presented in the form of soluble microgranules, indicated for the prevention and correction of deficiencies and imbalances in copper assimilation.

The copper is an element of low mobility, remaining fixed to the soil, this fixation increases in rich soils in organic matter or with strong contribution of phosphates.

In addition soils with excess of limestone or the increase of the pH reduce his assimilation for the plant.

The deficiencies in this element become visible first in the young tissues, due to his scanty mobility. All that is translated in decrease in the quality of the production.

Range of stability of pH: 4-9

COMPOSITION (w/w)

Copper (Cu) EDTA	14,5%
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DOSES

Fruit trees	2 - 5 g/plant
Horticoles	0,5 - 1,5 Kg/Ha

Higher doses will be applied on soils with greater deficiency or demanding crops, foliar application may result in defoliation.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert SORBCA

CERTIFIED BY:



Supplies for organic farming

CALCIUM WITHOUT NITRATE

Liquid product with 9 % of Oxide of Calcium, free of nitrates and chlorides, which it turns into an excellent source of calcium, specially where it is necessary to to avoid the incorporation of nitrates. With **QUELAFERT® SorbCa** we avoid diverse diseases that suffer the cultures as the bitter-pit (apple tree), blossom-rot (vegetables of fruit), tip-burn (vegetables of leaf and strawberry), cracking (cherry-tree and plumtree)

COMPOSITION

Calcium (CaO)	9 % w/w
Complexing agent	Ethanoic acid
Densidad	1,14 gr/cc.
pH	5,0

DOSES

Fertirrigation	10 - 20 L/Ha.
Spray	250-500 cc/HI

His application is advised to prepare and to treat the lacks of calcium in vegetables of sheet or fruits, tubers, fruit trees of pip, and other cultures as tobacco, grapevine, sunflower.

It is possible to introduce of constant form in the tank where one finds the solution of the calcic nitrate, realizing the following proportion:
If we will contribute 200 kg of Nitrate of Calcium. We replace 100 kg of Nitrate of Calcium with 25L of **QUELAFERT® SorbCa**

You can use join with microelements, organic matter and acides amines. No mix with humic acids and pH alkaline products.

LÍNEA CORRECTORES DE CARENCIAS
Nutrition and Protection

QUELAGROW



Quelafert CALCIO

CORRECTOR OF DEFICIENCIES OF CALCIUM

QUELAFERT® CALCIO is an active source of calcium, thanks to his rich composition in organic acids and sugar reducers that facilitate the absorption of the calcium for the plant at the same time as they stimulate her.

With **QUELAFERT® CALCIO**, we avoid diverse problems that suffer the cultures as the bitter-pit (apple tree), blossom-en-rot (vegetables of fruit), tip-burn (vegetables of leaf and strawberry), cracking (cherrytree and plum-tree) and in addition essential nutrients are contributed for the development of the culture.

Free product of chlorides and sulfates.

COMPOSITION

Calcium (CaO)	15,00% w/v
Density	1,3 g/cc

DOSES

Fertirrigation	5 - 10 L/Ha
Spray	200 - 400 cc/HI

His application is advised to anticipate and to treat the carences of calcium in vegetables of leaf or of fruit, tubers, fruit trees, olive tree and other cultures as tobacco, grapevine

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert CALCIPLUS

CORRECTOR OF DEFICIENCIES OF CALCIUM AND MAGNESIUM

QUELAFERT® CALCIPLUS is an active source of calcium and magnesium, thanks to his rich composition in organic acids and sugar reducers that facilitate the absorption of the calcium for the plant at the same time as they stimulate her.

Magnesium is an essential nutrient plant development, and is the core of the chlorophyll molecule, pigment leaves needed for photosynthesis in the presence of sunlight. Photosynthesis, in turn, allows the absorption of nutrients.

With **QUELAFERT® CALCIPLUS** we avoid diverse problems that suffer the cultures as the bitter-pit (apple tree), blossom-en-rot (vegetables of fruit), tip-burn (vegetables of leaf and strawberry), cracking (cherrytree and plum-tree) and in addition essential nutrients are contributed for the development of the culture.

Free product of chlorides and sulfates.

COMPOSITION	p/p	p/v
Calcium (CaO) water soluble	10%	13%
Calcium (CaO) complexed	9%	11,7%
Magnesium (MgO) water soluble	1,7%	2,21%
Magnesium (MgO) complexed	1,5%	1,95%
Density	1,3 gr/cc	
pH	6	

DOSES

Fertirrigation	5 - 10 L/Ha
Foliar app.	200 - 400 cc/HI

His application is advised to anticipate and to treat the carences of calcium in vegetables of leaf or of fruit, tubers, fruit trees, olive tree and other cultures as tobacco, grapevine

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert

Zinc-Manganeso-S

CERTIFIED BY:



Supplies for organic farming

Corrector solid of Zinc and Manganese deficiencies

Corrector of zinc and manganese deficiencies, constituted by a solid mixing of the above mentioned microelements.

With **QUELAFERT® Cinc-Manganeso-S** will be corrected the deficiencies due to imbalances or deficiencies in the assimilation of the zinc and the manganese both in plantations of citrus fruits and fruit trees and in horticultural cultures.

It is a free product of nitrogen.

COMPOSITION

Zinc (Zn)	16,50% w/w
Manganese (Mn)	16,00% w/w

DOSES

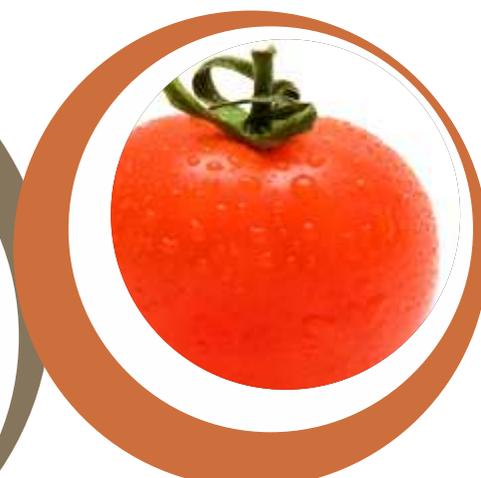
Hydroponic	1,5 - 2,5 Kg/Ha
Fertirrigation	3 - 5 Kg/Ha
Spray	300 - 550 g/Hl

- **Foliar:** 300-500 g / hl, make 2-4 applications during the crop cycle, according to needs and development.
 - Citrus-application should be performed after the onset of the new shoots of spring and summer when the shoots reach 2/3 of its development.
 - Fruit, Olive and Vine, make applications throughout the development cycle culture, with enough leaf mass and / or early fattening of fruits.
 - Horticulture, Arable and Strawberry, during the first half of the life cycle or the appearance of deficiency symptoms
- **In drip irrigation:** Applications of 3-5 kg / ha, making 2-4 applications as development and crop requirements.

QUELAFERT® Cinc-Manganeso-S is compatible with most pesticides except alkaline reaction and oils. It is advisable to perform a test before mixing or seek technical advice.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert

Zinc-Manganeso-L

CERTIFIED BY:



Supplies for organic farming

Corrector liquid of Zinc and Manganese deficiencies

Liquid corrector of Zinc and Manganese complexed with polycarboxylic acids, especially developed for use as corrector deficiencies in these elements.

With **QUELAFERT® Cinc-Manganeso-L** is achieved the prevention and control of deficiencies caused by imbalances or deficiencies of assimilation of these elements in the plant.

The special formulation of **QUELAFERT® Cinc-Manganeso-L** offers the following advantages:

- Improved flowering and fruit quality
- Increases the weight and size of the fruits in the thickening stage.
- Anticipate the harvest
- Increase productivity

Applying **QUELAFERT® Cinc-Manganeso-L** can be made throughout the year, but mainly coinciding with the flowering stage of the crop and fattening.

COMPOSITION

Zinc (Zn) water soluble	7,00% w/w
Manganese (Mn) water soluble	4,00% w/w

QUELAFERT® Cinc-Manganeso-L is compatible with most fertilizers and pesticides except for mineral oils and the strong alkaline reaction.

DOSES

Spray:	
Citrus	200 - 300cc / HI (2 - 3 ap.)
Horticoles	200 - 400cc / HI (2 - 3 ap.)
Fruit trees	200 - 600cc / HI (2 - 3 ap.)
Fertirrigation:	
Soft deficiencies	5 - 7L / ha (2 - 3 ap.)
Heavy deficiencies	6 - 8L / ha (2 - 3 ap.)

When there is a lack of iron accused shall be corrected previously. It is advised to apply early sprouting and when a greater vegetative growth.

In fruit red fruit coloration favors with two applications of 300 cc / HI (3L/Ha irrigation) spaced 20 days, two months after flowering.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert BORO

CERTIFIED BY:



Supplies for organic farming

BORON LIQUID CORRECTOR

Boron Liquid corrector, prepared to keep boron demands on crops. **QUELAFERT® BORO** can be applied both foliar spray and through fertigation.

Thanks to its formulation based on boron ethanolamine, has all the advantages of this complexing agent: adjuvant that facilitates the absorption of boron by leaves and its penetration into the plant.

The presence of ethanolamine in the formulation enhances the absorption coefficient of boron and provides rapid penetration of this trace element on the ground.

QUELAFERT® BORO has the following advantages:

1. Improved flowering, fertilization and fruit set.
2. Reinforces the quality and storage life of the fruit.
3. It stimulates the growth of meristems, the center of cell division.
4. Sugar improves performance by increasing the sucrose.

COMPOSITION

Boron (B) water soluble	15,00% w/v
Complexing agent	Ethalonamine
Density	1,25 g/cc
pH	9

With **QUELAFERT® BORO** the deficiencies are corrected in boron of the cultures: fruit trees, beet, grapevine, olive tree and vegetables.

There is recommended his application of a preventive way, before the symptoms of deficiencies appear.

DOSES

CULTIURES	SPRAY	FERTIRRIG.	APLIC.
Olive	250-500 cc/Hl	5-8 L/Ha	1-2
Fruit trees	100-300 cc/Hl	4-6 L/Ha	2-3
Horticoles	100-250 cc/Hl	4-4 L/Ha	1-2

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert CUAJE

Stimulant of the flowering and fruit setting processes

Powder formulation based on boron and molybdenum, which promotes flowering, fruit set and fruit fattening.

With **QUELAFERT® CUAJE** prevented or corrected the deficiencies or imbalances in the assimilation of trace elements boron and molybdenum, which are essential for the plant in the process of flowering and fruit set.

QUELAFERT® CUAJE contains penetrating favoring both foliar and root absorption of microelements that provides.

COMPOSITION (w/w)

Boron (B) water soluble	8%
Molybdene (Mo) soluble en agua	4%
Phosphorus (P ₂ O ₅) water soluble	24%

Apply at pre-flowering, fruit set and post fattening fruit.

QUELAFERT® CUAJE can be applied in vegetable crops (tomato, zucchini, beans, eggplant, pepper, cucumber, watermelon, melon, etc. ..), ornamental and fruit.

Fertirrigation	1,5 - 3 kg/Ha
Spray	150- 350 g/Hl

Dosage Foliar:

- Cucurbits and horticultural: 200-350 g / hl making a total of 2-3 applications; preflowering starting before the appearance of the first floral bouquet to fruit set, repeating every 12-15 days applications.
- Ornamental: 150-200 g / hl, apply flowering to induce flowering and prevent abscission of flower buds.
- Citrus, fruit, olive and vine: 200-300 g / hl. In citrus fruit to improve fruit set and fruit development in flowering apply, petal fall, the end of the set and fattening. In olive applied before flowering and during fruit enlargement. In vid make applications before flowering.

Dose in fertigation:

- Cucurbits and Vegetables: 2-3 kg / ha with irrigation from beginning to end of flowering fruit set with an interval of 12-15 days.
- Ornamental: 1.5 to 2.5 kg / ha with irrigation to induce flowering and prevent abscission of flower buds.
- Citrus, fruit, olive and vine: 2-3 Kg / Ha starting applications before flowering.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



Quelafert ECOCUAJE

CERTIFIED BY:



Supplies for organic farming

Stimulant of the flowering and fruit setting processes

Powder formulation based on potassium, magnesium, boron and molybdenum, which promotes flowering, fruit set and fruit fattening.

With **QUELAFERT® ECOCUAJE** prevented or corrected the deficiencies or imbalances in the assimilation of trace elements boron and molybdenum, which are essential for the plant in the process of flowering and fruit set.

COMPOSITION (p/p)

Boron (B) mineral	8,00%
Molybdenum mineral	4,00%
Magnesium (MgO)	16,00%
Potassium (K ₂ O) water soluble	5,50%

Apply at pre-flowering, fruit set and post fattening fruit.

QUELAFERT® ECOCUAJE can be applied in vegetable crops (tomato, zucchini, beans, eggplant, pepper, cucumber, watermelon, melon, etc. ..), ornamental and fruit.

Fertirrigation	2-3 kg/Ha (2-3 app.)
Foliar app.	200-350 g/Hl

Dosage Foliar:

- Cucurbits and horticultural: 200-350 g / hl making a total of 2-3 applications; preflowering starting before the appearance of the first floral bouquet to fruit set, repeating every 12-15 days applications.
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- Ornamental: 1.5 to 2.5 kg / ha with irrigation to induce flowering and prevent abscission of flower buds.
- Citrus, fruit, olive and vine: 2-3 Kg / Ha starting applications before flowering.

LÍNEA CORRECTORES DE CARENCIAS

Nutrition and Protection



DISPLACING SALTS

DESPLASAL



LÍNEA DESPLAZANTES DE SALES

Nutrición y Protección

Quelafert DESPLASAL

REDUCING SALTS

Liquid product with 9% of calcium oxide which is complexed by lignosulfonic acids, free from chlorides, with an active source of calcium.

- Contribution removes calcium salts in the soil
- Improved agronomic soil conditions favoring root growth and efficiency in the absorption of nutrients provided.

With **QUELAFERT® DESPLASAL** saline ground levels are reduced and improved agronomic conditions.

COMPOSITION

Calcium (CaO) water soluble	9 % w/w
Density	1,2 gr/cc.
pH	6

DOSES

Fertirrigation	10 - 20 L/Ha.
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QUELAFERT® DESPLASAL is especially recommended in the following situations:

1. Saline-sodic soils.
2. Irrigation water with high contents of sodium and chlorine.
3. Crop development cycle with medium and high EC in the medium (soil or hydroponic).
4. Irrigation water with high magnesium content.
5. Adverse weather conditions:
 - Winter periods with loss of root mass by low temperature or low activity of the plant due to the few hours available light.
 - Periods of high temperatures with stomatal closure and reductions in calcium absorption.
6. Transplantation during periods of high temperatures

LÍNEA DESPLAZANTES DE SALES

Nutrition and Protection



FOLIAR FERTILIZER

FOLIARES-L

FOLIARES-G

FOLIARES-S

 QUELAGROW
IBERICA

LÍNEA FOLIARES

Nutrición y Protección

Quelafert FOLIARES-L

LIQUID FOLIAR FERTILIZERS

Different formulations for foliar application enriched with micro elements (iron, copper, zinc, manganese chelated, and boron and molybdenum in mineral form), of easy application and dissolution.

They are formulations developed to apply them in the different stadiums of development of fruit trees and horticultural cultures.

COMPOSITION (w/w)

COMPOSITION	B	Mg	Fe	Cu	Mn	Mo	Zn
8-8-8	0.01		0.05	0.05	0.3	0.002	0.005
22-0-0	QUELAFERT NITRÓGENO						
24-6-12	0.5	0.25					
12-24-6							
11-6-32	0.5						
4-20-25							
5-0-50	QUELAFERT POTASA QUELATADA						
0-0-30	QUELAFERT POTASIK-ECO *						

*CERTIFIED BY:



Supplies for organic farming

QUELAFERT® FOLIAR- L are products developed as supplementary contribution of the fertirrigation.

LÍNEA FOLIARES
Nutrition and Protection

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Quelafert

FOLIARES-G

GEL FOLIAR FERTILIZERS

Gel-type foliar fertilizers combine the advantages of solid and liquid products in a single product:

- Solid fertilizers: high concentration of nutrients
- Liquid fertilizers: ease of dissolution and application

COMPOSITION (w/v)

FORMULATION	B	Mg	Fe	Cu	Mn	Mo	Zn
13-13-40	0.001	0.001	0.05	0.005	0.025	0.0001	0.005
20-20-20	0.001	0.001	0.05	0.005	0.025	0.0001	0.005
10-50-10	0.001	0.001	0.05	0.005	0.025	0.0001	0.005
40-10-10	0.001	0.001	0.05	0.005	0.025	0.0001	0.005

With the application of our gel-type formulations, we provide the farmer with an effective way to supplement the background fertilizers.

These are formulations developed to be applied at different stages of crop development, in fruit trees and horticultural.

LÍNEA FOLIARES

Nutrition and Protection

QUELAGROW



Quelafert FOLIARES-S

SOLID FOLIAR FERTILIZERS

Different formulations for foliar application enriched with micro elements (iron, copper, zinc, manganese chelated, and boron and molybdenum in mineral form), of easy application and dissolution.

They are formulations developed to apply them in the different stadiums of development of fruit trees and horticultural cultures.

COMPOSITION

N.P.K
20-20-20
30-10-10
10-20-48
10-20-8
15-5-30

QUELAFERT® FOLIAR-S are products developed as supplementary contribution of the fertirrigation. Others compositions are available following the instructions of our clients.

LÍNEA FOLIARES

Nutrition and Protection

QUELAGROW



PLANT GROWTH REGULATOR

QUELAFERT® RAIZ

RAICINE

QUELAFERT® MAX

MAX ECO

QUELAFERT® HORM

QUELAFERT® FRUIT

QUELAGIB-1.6

PROCUAJE

 QUELAGROW
IBERICA

LÍNEA FITORREGULADORES

Nutrición y Protección

Quelafert RAIZ

Root growth promoters

QUELAFERT® RAIZ is a product based on amino acids selected and enriched with phytohormones inducing of the root growth (IBA and NAA).

Benefits:

- **Stimulant of the radicular system** in the critical periods (transplant, winter period, etc.)
- **It improves the performance and the quality of the crops**, thanks to a better development of the root in the first stages of the culture
- **Effect antistress** due to conditions of adverse climate, thanks to the amino acids.

COMPOSITION (w/w)

Amino acids	6,00%
Total Organic Matter	20,00%
Phytohormones	
IBA	0.40%
NAA	0.20%
Density	1.13 g/cc
pH (1/10)	6

DOSES

Fertirrigation	2-4 L/Ha
----------------	----------

Apply in the last third of the crop irrigation.

Fruit, citrus, grapes, olives, banana, tropical crops: 2-4 L / Ha.

Vegetables, Strawberries, Lawns and Flower: 1-2 L / Ha.

Industrial and Fodder: 4 L / Ha.

QUELAFERT® RAIZ applications must match the critical moments of the crop: transplantation, active growth, flowering, fruit set, fruit fattening and maturation.

Also recommended in times of stress due to high or low temperatures, pests, herbicides, excess or lack of water

In woody, grasses and banana apply to the end of winter, beginning of vegetative growth, pre-flowering, fruit set, fruit farming and in periods of stress.

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with other products, especially with plant growth regulators.

Product available in the countries where its components are allowed.

LÍNEA FITORREGULADORES
Nutrition and Protection



Quelafert RAICINE

CERTIFIED BY:



Supplies for organic farming

ROOT BOOSTER

Formulated that includes a series of favouring components of the development of the roots of the plant, especially in moments of stress. Thanks to the amino acids, poligosaccharides and phytohormones of natural origin from the dried seaweed extract, a rapid and strong development is obtained.

QUELAFERT® RAICINE can apply in first stadiums of the culture or when the plant is in full production to help to the root to obtain the necessary nutrients that the air part of the plant demands.

It does not contains plant growth regulators.

COMPOSITION

Amino acids	6,00%
Total Organic Matter	20,00%
Seaweed extract	8,00%
Microelements: Fe, Cu, B, Mo, Zn	
Density	1,1 g/cc
pH(1/10)	7

DOSES

Fertirrigation	2-3 L/Ha
----------------	----------

Using **QUELAFERT® RAICINE** is particularly suitable for:

Encouraging the development of the root system at the time of transplantation, in the early stages of the crop and to strengthen the roots active in the production peaks.

Stimulating growth and overall development of the plant in the early stages and in situations of any adverse plant stress (nutritional, climatic etc.).

Facilitate the vegetative activity in times of maximum development, promoting flowering and fruit.

Facilitate the synthesis of amino acids and proteins, with considerable energy savings.

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with other products, especially with plant growth regulators.

LÍNEA FITORREGULADORES

Nutrition and Protection



Quelafert MAX

Stimulant of the flowering and fruit

QUELAFERT® MAX is a formulation of proteins, seaweed (genus *ascophillum*) and primary nutrients.

A bionutrient indicated to improve and stimulate flowering and fruit as well as a strengthening of plant stress conditions.

The rapid and effective response in implementing **QUELAFERT® MAX** is given by the presence in its composition of algae *Ascophyllum nodosum* type.

Thanks to the content of growth regulators such as auxins, gibberellins and cytokinins, which are located in naturally present algae processes are enhanced flowering and ripening.

The optimum combination between the different components present in **QUELAFERT® MAX** allows a product with high efficiency, and easy both foliar and root absorption by the plant.

With **QUELAFERT® MAX** are improved processes influencing flowering to ripening, achieving greater fertilization and a more homogeneous fruit.

Product without synthetic hormones. Term Security: 0

COMPOSITION (w/w)

Amino acids	2,00%
Seaweed extract	10,00%
Nitrogen (N)	3,55%
Phosphorus (P ₂ O ₅)	1,02%
Potassium (K ₂ O)	6,21%
GA3	14 ppm
Cytokinins	336 ppm
Density	1,2 g/cc
pH	7

DOSES

Fertirrigation	1,5 3 L/ha
Spray	150-400 cc/Hl

To ensure a uniform fruit set is advisable to apply foliar product to be combined with the application for fertigation. For fruit fattening application is advised especially via irrigation. Moreover, to enhance the beneficial effect is **QUELAFERT® MAX** application in conjunction with any amino acid or algae like **QUELGREEN**, **QUELAFERT® AA60** or **QUELAMIN24**

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with plant growth regulators.

QUELAGROW



Quelafert MAX eco

CERTIFIED BY:



Supplies for organic farming

Stimulant of the flowering and fruit

QUELAFERT® MAX eco is a formulation of proteins and seaweed (genus *ascophillum*)

A bionutrient indicated to improve and stimulate flowering and fruit as well as a strengthening of plant stress conditions.

The rapid and effective response is given by the presence in its composition of algae *Ascophyllum nodosum* type.

The optimum combination between the different components present in **QUELAFERT® MAX eco** allows a product with high efficiency, and easy both foliar and root absorption by the plant.

With **QUELAFERT® MAX eco** are improved processes influencing flowering to ripening, achieving greater fertilization and a more homogeneous fruit.

Product without synthetic hormones. Term Security: 0

COMPOSITION (w/w)

Amino acids	2,00%
Seaweed extract	10,00%
Nitrogen (N)	3,0%
Phosphorus (P ₂ O ₅)	0,5%
Potassium (K ₂ O)	7,0%
Density	1,2 g/cc
pH (1/10)	7

DOSES

Fertirrigation	1,5 3 L/ha
Spray	150-400 cc/Hl

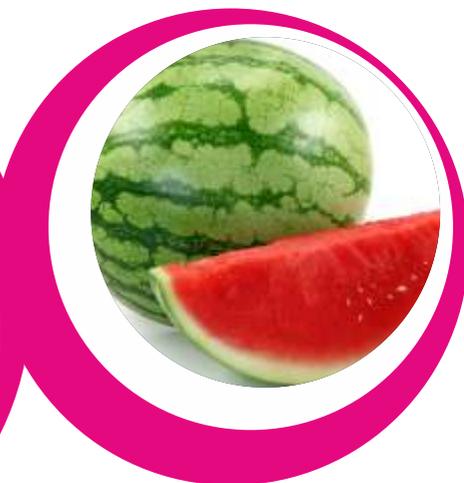
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WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with plant growth regulators.

LÍNEA FITORREGULADORES
Nutrition and Protection



Quelafert FRUIT

Stimulant fruit setting and fattening

QUELAFERT® FRUIT is a product based on boron, molybdenum and phytohormones that induce fruit set and fruit fattening vegetable crops. This product influences the fruit cell division promoting activity.

COMPOSITION (w/w)

NAA	0,45%
NAA-Amide	1,20%
Boron (B)	13,00%
Molybdato (MoO ₃)	5,00%

DOSES

Spray	60 gr/100 L
Fertirrigation	2 kg/Ha
Hydroponic	20 g/100 L C.N.S.

QUELAFERT® FRUIT can be applied both foliar and irrigation from flowering and making treatments every 7/10 days.

Spray thoroughly, wetting the entire surface.

In applications for to induce or promote fruit set of flowers, horticultural crops, will use about 7-10 days before the start of flowering and repeated after 8-10 days if flowering is staggered.

In plants with flower bouquets apply at the beginning of opening of each bouquet.

As flatter fruit set in plum and peach, make a treatment of early flowering and a second treatment before the petals fall.

To prevent fruit drop in apple and pear, try 10 days before flowering.

No deal in extreme temperatures.

WARNINGS

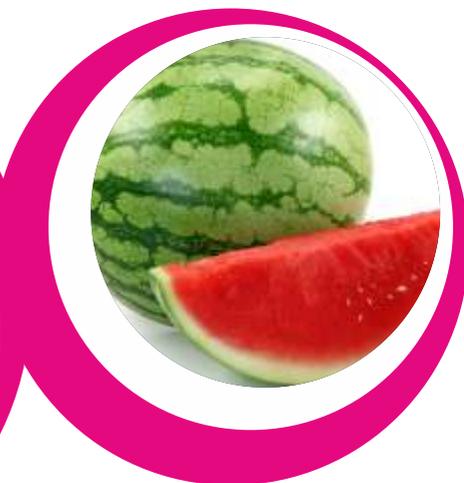
Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with other hormonal growth regulators.

No deal with extreme temperatures.

Available only in the countries where its components are legalized.

LÍNEA FITORREGULADORES
Nutrition and Protection



Quelagib_{1.6}

Plant growth regulator

QUELAGIB1.6 is a formulation of proteins, amino acids and gibberellins.

With **QUELAGIB1.6** stimulate hormonal processes, achieving greater fertilization and a more homogeneous fruit. The objectives are achieved:

- Encourage the development and cell division.
- Produce floral induction.
- Induce set and fruit growth in strawberry plants.
- Improve the consistency of the skin in mandarin.
- Avoid fruit drop in some fruit crops.

COMPOSITION (w/v)

Amino acids	6,00%
Total Organic Matter (M.O.T)	20,00%
Nitrogen	3,70%
Giberellines	1,60%

DOSES

Foliar	30 - 50 cc/Hl 3 app.
Fertirrigation	1,5 - 3 L/ha

QUELAGIB1.6 acts homogenizing flowering, getting a better mooring and fruit development. It can be applied in: tomato, melon, cucumber and watermelon in full bloom until 21 days before harvest. In citrus one month before harvest. Grapes with seeds in clusters of 2-4 cm. length, and seeded before blooming, in full bloom and petal fall.

Crop response will depend on several factors such as the stage of development at the time of application, variety agronomic, environmental conditions, method of use and dosage etc.

In Vine Macabeo apply before falling flowerhoods.

To prevent fruit drop and fruit set in tangerine, clementine and lemon treat petal fall, repeating at 3-4 weeks.

To improve consistency in tangerine skin, apply when green fruit is completely gone at a dose of 30-50 ml / hl (0.03-0.05%)

In strawberries to induce fruit growth.

To avoid falling pear fruit in variety blanquilla treat 30-60% open flower and to avoid the effect of frost, try within 48 hours of ice.

WARNINGS

Do not mix with other hormonal growth regulators.

No deal with extreme temperatures.

Available only in the countries where its components are legalized.

LÍNEA FITORREGULADORES
Nutrition and Protection



Quelafert HORM

Stimulant fruit setting and fattening

QUELAFERT® HORM is a liquid product that induces and improves the processes of flowering, fruit setting and fattening. It is a compound of phosphorus and potassium, enriched with organic acids. It is really suitable for getting a faster plant reaction to the fruit fattening and ripening process.

COMPOSITION

NAA	0,45% w/v
NAA-Amide	1,20% w/v
Free aminoacids	6,00% w/w
Nitrogen Total	2,00% w/w
Density	1,2 g/cc
pH	7

DOSES

CULTURE		
Courgette	Foliar: 50-75 cc/Hl	Weekly
	Riego: 2 L/Ha	Each 7-10 days
Vegetable	Riego: 2 L/Ha	Each 7-10 days
Leafy vegetable	Riego: 1-2 L/Ha	Post-transplantation
Citrus and fruit trees	Riego: 2 L/Ha	To stimulate vegetation and promote fruiting and fattening

QUELAFERT® HORM can be applied both foliar and irrigation from flowering and making treatments every 7/10 days.

Spray thoroughly, wetting the entire surface.

In applications for to induce or promote fruit set of flowers, horticultural crops, will use about 7-10 days before the start of flowering and repeated after 8-10 days if flowering is staggered.

In plants with flower bouquets apply at the beginning of opening of each bouquet.

As flattering fruit set in plum and peach, make a treatment of early flowering and a second treatment before the petals fall.

To prevent fruit drop in apple and pear, try 10 days before flowering.

No deal in extreme temperatures.

WARNINGS

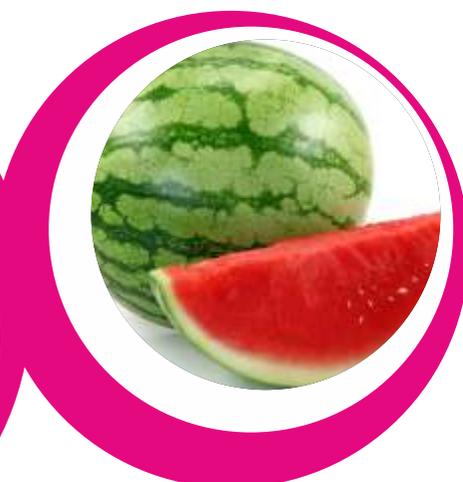
Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with other hormonal growth regulators.

No deal with extreme temperatures.

Available only in the countries where its components are legalized.

LÍNEA FITORREGULADORES
Nutrition and Protection



Quelafert PROCUAJE

Stimulant fruit setting

QUELAFERT® PROCUAJE is a liquid product with auxins to get fruit setting in tomato, eggplants and watermelon.

Tomatoes: Apply as a spray directed at clusters flower when you start the first half opened flower of each bouquet to the 0.5%, except in sensitive varieties, foliar charged will be reduced to 0.3-0.4%.
Apply Eggplant 0.5% in repeated treatments weekly.

In this way the plants will be treated floor to floor to complete the required number of treatments during vegetation.

Benefits:

1. Increases the grip of the fruit in unfavorable conditions of temperature, humidity, etc ...
2. Advances maturation.
3. In the case of the eggplant increases the size and weight of the fruit.

COMPOSITION

Auxinic acids	0,32% p/v
Density	1,05 g/cc
pH	7

DOSES

Foliar: 3-5 cc/Hl

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with other hormonal growth regulators.

No deal with extreme temperatures.

Available only in the countries where its components are legalized.

LÍNEA FITORREGULADORES

Nutrition and Protection

QUELAGROW



AMINO ACIDS AND BIO STIMULANTS

QUELAFERT® RADICULAR

QUELAMIN-24

VITALIM FORTE

QUELAFERT® AMINO-60

QUELAFERT® ESTIM

QUELAFERT® QUELGREEN

QUELAFERT® ACTIVE

QUELAFERT® VITAL

QUELAFERT® POWER-H

QZ

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LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

Nutrición y Protección

Quelafert RADICULAR

AMINO ACIDS

QUELAFERT® RADICULAR is a plant amino acid bioactivator hydrolyzed low molecular weight are easily absorbed by the plant tissue is a product that improves photosynthetic activity and protein synthesis. **QUELAFERT® RADICULAR** is particularly recommended in stressful situations and to prevent and correct deficiencies in micronutrients.

QUELAFERT® RADICULAR is especially recommended for:

1. During flowering and fruit to improve flower quality, training and pollen viability and fruit the mooring.
2. To reduce the problems of micro cracking in fruits by high humidity and temperature fluctuations between day and night.
3. In stressful situations, where climatic conditions are unfavorable.
4. To prevent or correct deficiencies in micronutrients.
5. When the plant needs a quick stimulation.

Aminogram presents a complete and balanced amino acid: glutamic acid, glycine, alanine and arginine.

COMPOSITION (W/W)

Amino acids	5,00%
Total Organic Matter (T.O.M)	50,00%
Nitrogen (N)	6,00%
Phosphorus (P ₂ O ₅) water soluble	0,08%
Potassium (K ₂ O) water soluble	4,21%
Density	1,3 g/cc
pH(1/10)	6

DOSES

Irrigation	2 - 5 L/Ha
Foliar	300 - 500 cc/HI

QUELAFERT RADICULAR can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Quelamín 24

CERTIFIED BY:



Supplies for organic farming

AMINO ACIDS

QUELAMIN24 is a plant amino acid of low molecular weight hydrolyzed easily absorbed by the plant tissue.

QUELAMIN24 is especially recommended in the following cases:

- 1) Increase the yield and quality of crops: applied during growth, flowering, fruit thickening, resulting in crop earliness.
- 2) Solution anti stress in unfavorable weather conditions.
- 3) invigorating and stimulating effect on the critical crop
- 4) Immediate response to foliar application, thanks to the low molecular weight of the amino acids, the uptake and transport in the plant is fast and efficient.

Aminogram presents a complete and balanced amino acid: glutamic acid, glycine, alanine and arginine.

COMPOSITION	(w/w)	(w/v)
Total amino acids	20,00%	24,00%
Free amino acids	11,00%	13,20%
Total Organic Matter (T.O.M)	59,00%	70,80%
Total Nitrogen	3,00%	3,60%
Nitrogen organic	2,50%	3,00%
Iron (Fe)	375 ppm	
Copper (Cu)	13 ppm	
Manganese (Mn)	175 ppm	
Zinc (Zn)	35 ppm	
Boron (B)	32 ppm	
Density	1,2 g/cc	
pH(1/10)	7,4	

DOSES

Fertirrigation	4 - 8 L/Ha
Foliar	200 - 400 cc/Hl

QUELAMIN24 be applied in the most critical times of plant development: post-transplant, growth, flowering, fruit set and fruit development. Just as adverse crop conditions, either by environmental conditions (hot or cold shock, water stress or salt), attacks of pests or diseases, nutritional deficiencies, etc., being essential to achieve recovery of the plant.

QUELAMIN24 can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Vitalim Forte

CERTIFIED BY:



Supplies for organic farming

ENZYMATIC BOOSTER

VITALIM FORTE is an organic biostimulant based on low molecular weight hydrolyzed amino acids, polysaccharides and microelements. It has a high content of humic extracts and organic matter, stimulating the crop at critical moments of growth (rooting, sprouting, flowering (horticulture) or fruit fattening), or when there are stress situations due to agronomic or environmental conditions.

COMPOSITION p/p

Free aminoacids	13,0%
Organic Matter	60%
Total Nitrogen	8,0%
Organic Nitrogen	4,0%
Phosphorous (P ₂ O ₅) water soluble	0,6%
Potassium (K ₂ O) water soluble	2,1%
Humic Extract Total	25%
Iron(Fe) water soluble	360ppm
Magnesium (MgO) water soluble	70 ppm
Calcium (CaO) water soluble	30 ppm
Zinc (Zn) water soluble	50 ppm
Manganese (Mn) water soluble	35 ppm

Apply throughout the crop cycle, both in horticultural and fruit crops, with a number of applications depending on the environmental and phenological conditions of the crop. The highest doses will be applied with more developed or larger crops.

In fruit trees especially should be applied budbreak, lethargy output, prefloración and once the set.

DOSES

Fertirrigation	5 - 10 L/Ha
Foliar	300 - 500 cc/HA

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Quelafe

AMINO-60

CERTIFIED BY:



Supplies for organic farming

AMINO ACIDS

QUELAFERT® AMINO60 is a liquid product of amino acids and short chain peptides, from natural proteins and organic nitrogen. It presents a high contained in organic matter.

QUELAFERT® AMINO60 helps to the plant before situations of stress (drought, extreme temperatures, diseases...) and he is stimulant fruit setting processes and development of the fruits

COMPOSITION (w/w)

Amino acids	12,00%
Total Organic Matter	60,00%
Nitrogen total	6,80%
Organic Nitrogen	4,10%
Density	1,2 g/cc
pH	6,8

QUELAFERT® AMINO60 be applied in the most critical times of plant development: post-transplant, growth, flowering, fruit set and fruit development. Just as adverse crop conditions, either by environmental conditions (hot or cold shock, water stress or salt), attacks of pests or diseases, nutritional deficiencies, etc., being essential to achieve recovery of the plant.

DOSES

Fertirrigation	2 - 5 L/Ha
Foliar	100 - 200 cc/HI

QUELAFERT® AMINO60 can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Quelafert ACTIV

Stimulate growth and increases harvest and quality

QUELAFERT® ACTIV is based on high quality amino acids, easily assimilable for the plant. **QUELAFERT® ACTIV** activates the vegetative growth and unblocks the plant before such situations of stress as:

- The first stages of the culture, improving the root development
- Thermal and water deficiencies that debilitate the plant or paralyze it.
- Fruit setting and fatten process
- Cultures in full production, where it exists high nutritional demands, obtaining better harvest and a better quality of the fruit

COMPOSITION

Amino acids	65,0% w/w
Total Organic Matter (M.O.T)	75,0% w/w
Total Nitrogen	13,3% w/w
Organic Nitrogen	13,0% w/w

DOSES

Pepper and cucumber	200-300 g/Ha with the first flower and repeat after 15-30 days
Bean	400-600 g/Ha
Tomato	300-500 g/Ha with the first bouquet and repeat after 15-30 days
Melon, water melon, zuchini	300 g/Ha and repeat after 15-20 days
Fruit trees	300-500 g/Ha and repeat after 15-20 days
Cítrius	400-500 g/Ha at flowering and repeat in 5-20 days

QUELAFERT® ACTIV can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous.

Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Quelafert ESTIM

BIO STIMULANT

QUELAFERT® ESTIM is a concentrate of amino acids, folic acid and AATC (N-acetil-4-tiazolidin carboxylic acid) formulated to stimulate the growth of the plants and of her fruits.

COMPOSITION

AATC	5,00% p/v
Folic acid	0,10% p/v
Density	1,17 gr/cc
pH (1/10)	6

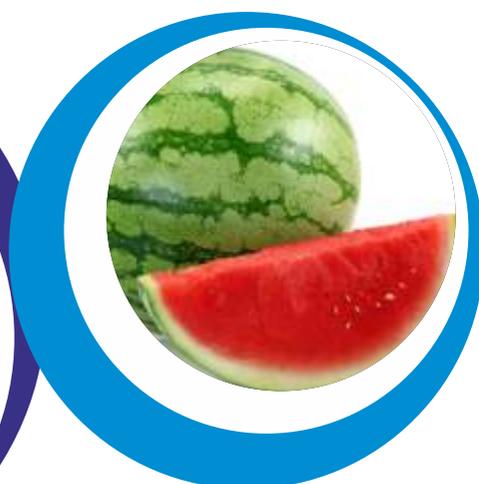
DOSES

CULTURES	cc/Hl	APPLICATIONS
Avocado	100 - 200	3app. since flowering and every 30 days
Garlic	125 - 150	3app. since 5cm and every 30 days
Cotton	250	At beginning flowering
	250 - 500	30 days after flowering
Rice	400 - 500	One time
Onion	125 - 150	3app. since plant with 10cm and every 30 days
Strawberry	150	3app. every 10 days in flowering
Corn	200 - 300	When plant have 25-30 cm
Apple and Pearl	150	3app. since flowering and every 30 days
Melon, Water melon, Cucumbe	200	2app. between flowering and fruit formation
Potatoes	150	Every 15 days
Papaya	150	Since fruit with 5cm and every 30 days
Banana	50 - 100	2app. at beginning flowering and 30 days
Tomato and pepper	200 - 250	2app. at begining and ending of flowering
Grape	125 - 150	2app. at begining and ending of flowering
Olive	10 - 30	2-3app. to increase the harvest

QUELAFERT® ESTIM can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES
Nutrition and Protection

QUELAGROW



Quelafert VITAL

BIO STIMULANT

QUELAFERT® VITAL is a solid product based on molybdenum and excipients, designed to improve the metabolic processes of the plant, in a format monodose.

The deficiencies in molybdenum are widely tested in the horticultural plants in general, and with **QUELAFERT® VITAL** we anticipate and correct the above mentioned deficiencies.

COMPOSITION w/w

Molybdenum(MoO ₃)	87,00%
Vitamines	11,50%

DOSES

Fertirrigation	3-5 units/Ha
Foliar	2 units/Ha
Hydroponic	1 unitHa

QUELAFERT® VITAL can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



SEAWEED EXTRACT

Natural bio activator of the plant growth and development. It is made from natural extracts of seaweeds (*Aschophyllum nodosum*) rich of natural hormones (auxins, gibberellins and cytokinins), macro and micronutrients.

COMPOSITION (w/v)

Seaweed extract	25.00%
Total Nitrogen (N)	0.20%
Phosphorus (P ₂ O ₅)	0.40%
Potassium (K ₂ O)	4.00%
Calcium (Ca)	0.06%
Sulphur (S)	1.00%
Magnesium (Mg)	0.06%
Boron (B)	20 ppm
Copper (Cu)	2 ppm
Iron (Fe) soluble en agua	100 ppm
Manganeso (Mn) soluble en agua	2 ppm
Cinc (Zn) soluble en agua	15 ppm

QUELAGREEN is recommended in cultures in which it is desired to accelerate growth and increase production, quality, consistency and color of the fruits.

FOLIAR	FERTIRRIGATION
150-300 cc/Hl	2-5 L/Ha

Citrus, fruit trees and olive: 200-300 cc / hl every 2 weeks, starting applications at the beginning of spring sprouting, flowering, fruit set and early stages of fruit development.

Vineyard: 200-250 cc / hl every 15 days, in pre-and post-curdling.

Horticultural Crops of fruit: 150-300 cc / hl every 15 days when the crop has 2-4 leaves or transplant when it is rooted, flowering, fruit set and fruit development.

Horticultural Crops leaves: 200-400 cc / hl every 15 days, when the crop has 2 to 4 leaves or transplant when it is rooted.

Horticultural Crops bulbs, roots and tubers: 150-300 cc / hl, when you have 2-4 leaves and 2-3 applications every two weeks.

Fertigation: 3.10 L / ha crop development by repeating the application every 10-14 days to maintain a prolonged response in culture.

For stimulation fruit setting: 2-3 applications, 3-5 L / Ha, before and after flowering, or apply a lower dose accompanied by **QUELGREEN**

QUELGREEN is compatible with pesticides and foliar fertilizers except mineral oils.



Quelafert QZ

ROOT AND FOLIAR STIMULANT

Product containing humic refined extracts, active from seaweeds and selected amino acids.

With QUELAFERT® QZ :

- ✍ We help overcome stress states
- ✍ It promotes root development and nutrient uptake
- ✍ Stimulates vegetative growth and soil microbial activity
- ✍ Promotes cell division of the fruits

COMPOSITION (w/v)

Total Nitrogen (N)	15,00 %
Potassium (K ₂ O)	7,00 %
Humic Extract	15,00 %
Amino acids	5,00 %
Density	1.2 g/cc
pH	12

QUELAFERT® QZ can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

DOSES

Horticultural crop	5-10 L/Ha Foliar: 500cc/HI
Fruit trees:	5 L/Ha Foliar: 300-500 cc/HI

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

NutriTtion and Protection

QUELAGROW



Quelafert POWER-H

FRUIT DEVELOPMENT STIMULANT

QUELAFERT® POWER-H is a solid product that includes amino acids, calcium, zinc and manganese complexed with acetic acid and fulvic acids refined.

With **QUELAFERT® POWER-H**, we obtain the following benefits:

- Correct deficiencies of these micronutrients in crops.
- Improve plant root development, making the nutrients more easily absorbed by the plant.
- Improve the condition of the crop.
- Promotes fruit fattening and makes skin firmer.

This product is presented as soluble micro-granules easily assimilated by the crop.

It can be applied by foliar at a dose of between 500 to 1000 g/1000 l.

This product is compatible with most agrochemicals and oils except alkaline reaction.

COMPOSITION (w/w)

Amino acids	4,50%
Calcium (CaO)	11,00%
Zinc (Zn)	5,50%
Manganese (Mn)	6,00%
Fulvic acids refined	36,00%

DOSES

Vegetables and Fruit trees	3-5 Kg /ha
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QUELAFERT® POWER-H can be applied to all crops: vegetables, fruit, grapes, olives, strawberries, ornamentals and lawns. Product compatible with pesticides and foliar fertilizers except mineral, organo-copper products and copper, sulfur or highly alkaline product, except olive tree whose mixtures with copper are favorable and permitted due to the nature of their leaves coriaceous. Do not apply in plum.

LÍNEA AMINOÁCIDOS Y BIOESTIMULANTES

Nutrition and Protection

QUELAGROW



PHITOSANITARY

FUNGICIDES

QUELAFERT® FOSPHIK

QUELAFERT® FOSFITO-Mg

QUELAFERT® FOSFITO-Cu

QUELAFERT® GLUCOBRE

LECICAL

DAKOTA

OREGON

NEMATOCIDE

NEMAX

OTHERS

RIZOBIUM

QUELAFERT® RPH-PLUS

QUEMOXYGEN

INSECTICIDES

QUELAFERT® OLEO-K

QUELAFERT® OLEO-P

QUELAKAN

AZOR

QUELAFERT® AZ3000

ACARICIDES

HACKER



LÍNEA FITOSANITARIOS

Nutrición y Protección

Quelafert

FOSFITO-Mg

MAGNESIUM PHOSPHITE

The phosphorus from phosphite, along with magnesium are widely recognized for their power fungistatic.

QUELAFERT® FOSFITO- Mg increases defenses against fungal attacks especially Oomicetes (mildew) and has also effect on Phytophthora, Ph parasitica, they are responsible for the neck rottenness, watery, gummosis, etc..

COMPOSITION (w/v)

Magnesium (MgO) from phosphite	8,00%
Potassium (K ₂ O) water soluble	5,00%

DOSES

CULTURES	
Horticultural crops	3 cc/L from pre-flowering to setting fruit
Fruit trees	3 cc/L from pre-flowering to setting fruit
Citrus	5 L/Ha on April, June and September
Ornamental	5 cc/L to prevent neck deseases
Potato	2 - 3 cc/L to prevent fungus deseases

It should be applied at the beginning of sprouting or crop development, flowering and fruit set in, in periods of disease risk in stress conditions of crops, and perennial crops in autumn.

QUELAFERT® FOSFITO- Mg is a source of phosphorus (P₂O₅) and magnesium (MgO) easy assimilation and quick action, providing greater efficiency and improving the nutritional status of crops. **QUELAFERT® FOSFITO- Mg** potency good flowering and fruit set.

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with products containing copper, mineral oils, sulfur -calcium substances and dimetoates.

LÍNEA FITOSANITARIOS

Nutrition and Protection



Quelafert

FOSFITO-Cu

COPPER PHOSPHITE

The phosphorus from phosphite, along with copper are widely recognized for their power fungistatic.

QUELAFERT® FOSFITO- Cu increases defenses against fungal attacks especially Oomicetes (mildew) and has also effect on Phytophthora, Ph parasitica, they are responsible for the neck rotteness, watery, gummosis, etc..

COMPOSITION (w/w)

Phosphorus (P ₂ O ₅) from phosphite	30,00%
Copper (Cu), water soluble	5,00%

DOSES

CULTURES	
Horticultural crops	3 cc/L from pre-flowering to setting fruit
Fruit trees	3 cc/L from pre-flowering to setting fruit
Cítrus	5 L/Ha on April, June and September
Ornamental	5 cc/L to prevent neck deseases
Potato	2 - 3 cc/L to prevent fungus deseases

It should be applied at the beginning of sprouting or crop development, flowering and fruit set in, in periods of disease risk in stress conditions of crops, and perennial crops in autumn.

QUELAFERT® FOSFITO- Cu is a source of phosphorus (P₂O₅) and copper (Cu) easy assimilation and quick action, providing greater efficiency and improving the nutritional status of crops. **QUELAFERT® FOSFITO-Cu** potency the fungistatic effect of traditional phosphites

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with products containing copper, mineral oils, sulfur -calcium substances and dimetoates.

LÍNEA FITOSANITARIOS

NutriTition and Protection



Quelafert FOSFITO K

POTASSIUM PHOSPHITE

QUELAFERT® FOSFITO K is a formulated with rich in phosphorus (from phosphite) and potassium.

QUELAFERT® FOSFITO K increases defenses against fungal attacks especially Oomicetes (mildew) and has also effect on Phytophthora, Ph parasitica, they are responsible for the neck rottenness, watery, gummosis, etc..

COMPOSITION (w/w)

Phosphorus (P ₂ O ₅) from phosphite	30,00%
Potassium (K ₂ O), from phosphite	20,00%

DOSES

CULTURES	
Horticultural crops	3 cc/L from pre-flowering to setting fruit
Fruit trees	3 cc/L from pre-flowering to setting fruit
Cítrus	5 L/Ha on April, June and September
Ornamental	5 cc/L to prevent neck diseases
Potato	2 - 3 cc/L to prevent fungus diseases

It should be applied at the beginning of sprouting or crop development, flowering and fruit set in, in periods of disease risk in stress conditions of crops, and perennial crops in autumn.

QUELAFERT® FOSFITO K favors the formation and development of the root system and potency good flowering and fruit set.

QUELAFERT® FOSFITO K is a source of phosphorus (P₂O₅) and potassium (K₂O) easy assimilation and quick action, providing greater efficiency and improving the nutritional status of crops.

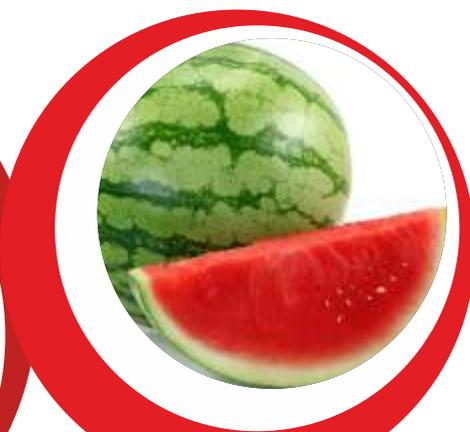
WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

Do not mix with products containing copper, mineral oils, sulfur -calcium substances and dimetoates.

LÍNEA FITOSANITARIOS

NutriTition and Protection



Quelafert GLUCOBRE

CERTIFIED BY:



Supplies for organic farming

COPPER COMPLEXED SOLUTION

QUELAFERT® GLUCOBRE is a copper solution with gluconic acid and reduced sugar, it can be applied in foliar application so much and fertirrigation.

The gluconic acid reinforces the coefficient of assimilation of the copper facilitating the rapid penetration and the action of this micronutrient in the plant.

With **QUELAFERT® GLUCOBRE** get followings benefits:

1. Prevention of fungal diseases with low application rates
2. Correct copper deficiencies in crops.

COMPOSITION (w/w)

Copper (Cu) water soluble	7,00%
Copper metal (Cu) complexed	7,00%
Density	1,3 gr/cc
pH (1/10)	6

DOSES

Foliar:	150-300 cc/HL
Fertirrigation:	2-3 L/Ha

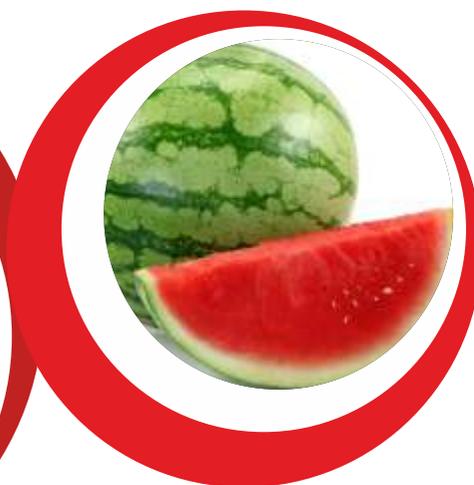
QUELAFERT® GLUCOBRE can be applied in vegetable crops (tomato, zucchini, beans, eggplant, pepper, cucumber, watermelon, melon, etc ...), and fruit.

PH range which ensures a good stability of the complexed fraction: pH between 4 and 11

LÍNEA FITOSANITARIOS

NutriTtion and Protection

QUELAGROW



Quelafert

OLEO-P

PHOSPHORIC SOAP

OLEO P is a plant oils with high contained in nitrogen. Indicated as insecticide and as cleaner of the air parts of the cultures of molasses and spots produced by insects and mites like white fly, plant louses, wood-louses.

The product is, to high doses, an insecticide that does not create resistances and that acts for contact, destroying the exterior cap of insects and mites. Due to his aptitude to dissolve the molass, it allows to increase the sensibility of the insects opposite to any agrochemical and enclosed other one to manage to dehydrate them.

COMPOSITION (w/w)

Total Nitrogen	10%
Phosphorus (P ₂ O ₅) water soluble	8%

DOSES

Wetting	2 - 3 cc/L
Enhancer	5 - 8 cc/L

It can be applied at any stage of cultivation, no phytotoxicity which has no security term.

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert

OLEO K

POTASSIUM SOAP

Potassium soap of natural origin, indicated as insecticide and as cleaner of the air parts of molasses and spots cultures produced by insects and mites as white fly, aphids, scales, psyllid... The product is an insecticide that does not create resistances and that acts for contact, destroying the cell membrane of insects, mites and nymphes, as well as dissolving the kitin of the exoskeleton of the insect.

Due to its aptitude to dissolve the molass, it allows to increase the sensibility of the insects opposite to any agrochemical and enclosed to manage to dehydrate them provoking its death. For this, its use is recommended as humectant since mixed with other products its acts like potentiating of the insecticide effect.

COMPOSITION

Potassium oleato pH(1/10)	60% w/w 8
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DOSES

Wetting	2 - 3 cc/L
Enhancer	5 - 8 cc/L

It can be applied at any stage of cultivation, no phytotoxicity which has no security term.

WARNINGS

Dosages are approximate and may vary depending on the crop, allowing the technician to fit and change.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert OREGON

FUNGICIDE FOR BOTRYTIS

Formulated with potassium extracts with natural preventive and curative effect against botrytis. Its application attacks the mycelium of the fungus producing its drying. Chemical free product, zero residue.

The most important factor for the appearance of the botrytis is the humidity, since it is indispensable for its development. If the humidity is high the possibilities of development of the fungus are high.

The ideal temperature for the appearance of botrytis is 17 ° to 25 ° C, but it can also appear at higher temperatures. Botrytis Cinérea is a fungus that attacks healthy plant tissues (parasitism), already infected (opportunism), and dead tissues (saprophytic).

The spores of this fungus, disseminated by the wind, are able to persist in a state of dormancy for several years in the soil or environment, until the conditions are favorable for its development.

All parts of the plant can be attacked: roots, leaves, stems, flowers, fruits ...

COMPOSITION

Potassium (K ₂ O) water soluble	12% w/w
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DOSIS

Foliar app.	0,5 - 2 cc/L.
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It can be applied at any stage of the crop, no phytotoxicity so there is no safety period. Especially recommended for horticulture and vine.

The lowest doses will be applied in outdoor cultures.

To enhance its effects, its application is recommended together with our **DAKOTA** product.

WARNINGS

These dosages are indicative and may vary depending on the culture, leaving the fitter and variation to the technician's discretion.



Quelafert DAKOTA

NATURAL FUNGICIDE FOR OIDIUM

Formulated with citrus extract with natural preventive and curative effect against fungi type oidium. Its application attacks the mycelium of the fungus producing its drying. Chemical free product, zero waste

Oidium is a parasitic fungus that attacks the aerial parts of plants. Its main symptom of infestation is the fact that the leaves are covered, mainly in the axial part, with a cottony layer of whitish gray mycelium in the form of a star. In a strong attack the leaves turn yellow and then dry.

The conditions that facilitate the development are: fertilizers high in nitrogen, low luminosity and excess humidity. It affects cucurbits, solanaceae, ornamentals and fruit trees, especially apple, peach, plum and apricot trees.

COMPOSITION

w/v

Plant extracts	50%
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DOSES

Foliar app.	1,0 - 2 cc/L.
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The lowest doses will be applied in outdoor cultures.

To enhance its effects, its application is recommended together with our OREGON product.

WARNINGS

These dosages are indicative and may vary depending on the culture, leaving the fitter and variation to the technician's discretion.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert LECICAL

FUNGICIDE

Formulated extract of leguminous plants that contains additional nutrients complexed with polycarboxylic acids, presenting a double function:

1. We provide the plant with nutrients of high biological value, which are easily assimilated by the plant, both via root and foliar.
2. It has a natural prophylactic effect on Mildiu type pathogenic fungi since it helps to strengthen the cell walls and hinders the penetration of the parasite favoring the synthesis of phenols and phytoalexins (natural defense substances).

Mildiu is a cryptogamic disease caused by fungi that results in the growth of fungal hyphae in plant tissues. The Mildiu delves into the tissues of leaves, stems and fruits. In agriculture, it usually damages potato, vine, tobacco and cucurbitaceae crops.

The Mildiu needs certain climatic conditions for its reproduction, although it can remain dormant for a long period of time before activating. The main source of infection is usually plant remains where the disease can lodge to be disseminated later by external agents such as wind, animals or man himself.

COMPOSITION (w/v)

Oilseed extract	20,00%
Copper (Cu) complexed	3,50%

DOSES

FOLIAR	FERTIRRIGATION
300-500 cc/Hl	2-5 L/Ha

LECICAL is compatible with most products except for acids or strong bases.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert

QUELAKAN

ORGANIC INSECTICIDE

Product based on plant extracts (Cinnamomum verum J. Presl.) With insecticide action against soft-bodied insects with a double action:

- Congestion holes (spiracles) through which insects breathe causing their drowning.
- Repellency irritate the insect body.

COMPOSITION (p/v)

Plant extract	10%
Density	1,1 g/cc
pH (1/10)	7-8

DOSIS

FOLIAR APP.

200-300 cc/Hl

QUELAKAN is curative but the best effects are obtained preventively. Your application is valid in any crop either outdoor and greenhouse: vegetables, stone fruit, ornamental, olives, vineyards, etc. ..

Conditions of use:

1. Temperature: higher temperatures increase the effect because the insects are most active under these conditions, and the effect is achieved more quickly than at lower temperatures.
2. Radiation: UV rays accelerate the degradation so it is advisable not to apply at peak radiation.

QUELAKAN is compatible with oil-based products.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert HACKER

INSECTICIDE - ACARICIDE

Product based on plant extracts with insecticide action against red spider mite and tanning mite (vasate)

Acts by ingestion and contact, its use is recommended in the presence of plague.

It has low toxicity for people and the safety term is zero.

COMPOSTION

Potassium (K ₂ O) water soluble	2,5% p/p
Sulfur (S)	5,0% p/p

Its application is valid in any type of crop either outdoors or in greenhouse: horticultural, stone fruit, ornamental, vineyards, etc.

DOSES

FOLIAR APP.
1,5 - 2 cc/L

Effect of the climatic conditions of application:

1. Temperature: higher temperatures increase the effect because insects are more active under these conditions, and the antifungal effect is achieved more quickly than at low temperatures.
2. Radiation: ultraviolet rays accelerate their degradation so it is advisable not to apply in hours of maximum radiation.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert AZOR

INSECTICIDE

Product based on plant extracts with insecticide action against whitefly and thrips.

Acts by ingestion and contact, its use is recommended in the presence of plague.

It has low toxicity for people and the safety term is zero.

COMPOSITION

Total Nitrogen	5% p/p
Ureic Nitrogen	4,5% p/p
Ammoniacal Nitrogen	0,5% p/p
Phosphorous (P ₂ O ₅) water soluble	2,5% p/p

DOSES

FOLIAR APP.
100-150 cc/Hl

Its application is valid in any type of crop either outdoors or in greenhouse: horticultural, stone fruit, ornamental, vineyards, etc.

Effect of the climatic conditions of application:

1. Temperature: higher temperatures increase the effect because insects are more active under these conditions, and the antifungal effect is achieved more quickly than at low temperatures.
2. Radiation: ultraviolet rays accelerate their degradation so it is advisable not to apply in hours of maximum radiation.

LÍNEA FITOSANITARIOS

NutriTtion and Protection



Quelafert AZ3000

ORGANIC INSECTICIDE

QUELAFERT® AZ-3000 is a natural extract proceeding from Neem's tree and other oils from plants with insecticide activity of wide spectrum. The product acts for contact or ingestion on the metabolism of the insects, interfering in the processes of the moult and blocking its way to the adults' state. In addition, the product presents a repellency action in the insect that leads it to stop feeding. On treated about a systemic insect, it can apply for foliar route so much as root against pests of aphids in cotton, citrus fruits, apple tree, potato, peartree, rose-bush, etc; white fly in citrus fruits and vegetables: scales, bugs and caterpillars.

COMPOSTION (w/v)

Plant extract	90%
Density	1,1
pH (1/10)	7-8

DOSES

FOLIAR APP. 100-200 cc/HL

Its application is valid in any type of crop either outdoors or in greenhouse: horticultural, stone fruit, ornamental, vineyards, etc.

Effect of the climatic conditions of application:

1. Temperature: higher temperatures increase the effect because insects are more active under these conditions, and the antifungal effect is achieved more quickly than at low temperatures.
2. Radiation: ultraviolet rays accelerate their degradation so it is advisable not to apply in hours of maximum radiation.

LÍNEA FITOSANITARIOS

NutriTtion and Protection

QUELAGROW



Quelafert NEMAX

BIONEMATICIDE

NEMAX is formulated biological of fungi. that they controls nematodes type meloidogyne sp., radopholus sp., helicotilenchus sp., pratylenchus sp. and globodera sp.

These fungi parasitizes the eggs of the nematodes that coexist with the horticultural cultures

With **NEMAX** gets:

- Reduction of infestation of nematodes that parasitize the roots of the vegetable.
- Improved soil conditioning for root growth, favoring the active root development and improving nutrient absorption.

COMPOSITION (w/w)

Polysaccharides	95% p/p
Spore concentration	5 x 10 ⁶ U.F.C

DOSES

Fertirrigation	1 - 2 Kg/Ha
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In soils where nematodes are recurring problems should apply a shock dose of 2kg. at the beginning of cultivation, transplanting and repeat at half doses a month. Also be applied at any stage of cultivation, no phytotoxicity at no security period.

Do not apply this product with fungicides and bactericides. Pass up 10-15 days before and after treatment with **NEMAX** able to use these products.

Being a natural product is compatible in Biological and Integrated Agriculture.

LÍNEA FITOSANITARIOS

NutriTition and Protection

QUELAGROW



Quelafert RIZOBIUM

MICROBIAL COMPLEX

RIZOBIUM is a microbial complex composed for bacteria, yeasts and fungi selected to improve the development of the plant, reaching:

- Competition with fungi parasites for the nutrients and the space (amarillaria, botrytis, colletotrichum, fusarium, macrophomina, phytophthora, pythium, rhizoctonia), reducing the capacity of infestation of the same ones.
- A better conditioning of the soil in order that the plant could take advantage better of the given nutrients, producing more and better crops.
- Separating into its elements the organic matter of the soil producing available nutrients for the plant and diminishing the quantity of necessary fertilizers.

COMPOSITION (w/w)

Polysaccharides	95% p/p
Spore concentration	5 x 10 ⁶ U.F.C

DOSES

Fertirrigation	1 - 2 Kg/Ha
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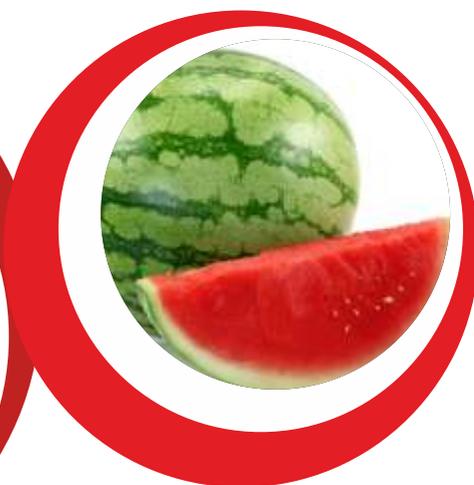
In poor soils should apply a shock dose of 2kg. at the beginning of cultivation, transplanting and repeat at half doses a month. Also be applied at any stage of cultivation, no phytotoxicity at no security period.

Do not apply this product with fungicides and bactericides. Pass up 10-15 days before and after treatment with **RIZOBIUM** able to use these products.

RIZOBIUM is a natural product and can be used in integrated and organic agriculture

LÍNEA FITOSANITARIOS

Nutrition and Protection



Quelafert QUEMOXYGEN

Stabilized hydrogen peroxide

QUEMOXYGEN is an aqueous solution of hydrogen peroxide and peracetic acid ethanoic acid, which has the following benefits:

1. Oxygenation of the roots of the crop for better aeration of the root tissues, facilitating the assimilation of nutrients.
2. Sterilization of culture systems for the prevention of pests and diseases.

QUEMOXYGEN is an environmentally friendly product, with the decomposition products: water, oxygen and acetic acid, substances that respect the environment. On the other hand does not produce products by reacting with substances in the water used on crops.

COMPOSITION (w/w)

Hydrogen peroxide (H ₂ O ₂)	30,00%
Density	1 g/cc

DOSES

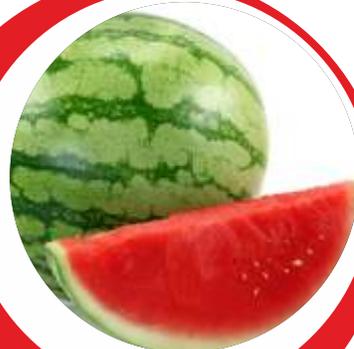
Fertirrigation	1,5-3 L/Ha
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QUEMOXYGEN may be applied continuously, has no security period. It can be applied in vegetable crops (tomato, zucchini, beans, eggplant, pepper, cucumber, watermelon, melon, etc ...), and fruit.

LÍNEA FITOSANITARIOS

NutriTtion and Protection

QUELAGROW



Quelafert RPh-PLUS

ADYUVANT

Soluble concentrate having the following functions:

1. Nonionic surfactant increases the wetting power of plant protection products
2. Improves the penetration of the active substance
3. Regulates the pH of the solution.
4. Antifoam.

COMPOSITION

Non ionic tensioactiv	20% w/v
Acidifying	20% w/v
Antifoam	1% w/v
Density	1,05 g/cc

DOSES

Foliar	30-100 cc/Hl
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Used in conjunction with insecticides and fungicides is recommended a dose of 30-50cc/Hl , 100cc/Hl with herbicides, defoliant 400-500cc/Hl and desiccants 0.75 to 1 L/Hl.

LÍNEA FITOSANITARIOS

NutriTtion and Protection

QUELAGROW



Quelafert

CERTIFIED BY:



ORGANIC PRODUCTS

QUELAGROW looks always for products that adapt to the needs of our customers and the demands of the market. That's why we launched a line of organic products that meets the needs of a market that is expanding.

The organic product line collects a wide spectrum of nutritional products with solutions for organic farming.

This line of organic products has been certified by the company SOHISCERT, which is widely recognized in the field of certification of ecological inputs.

The products that currently have the stamp of inputs for Organic Agriculture are:

HUMIC EXTRACTS AND ORGANIC PRODUCTS

QUELAFERT® HUMIC
 QUELAFERT® ORGANIC
 QUELAFERT® ORGANIC HIERRO

CORRECTORS

QUELAFERT® BORO
 QUELAFERT® SORBCA
 QUELAFERT® GLUCOBRE
 QUELAFERT® CINC-MANGANESO-S
 QUELAFERT® CINC-MANGANESO-L
 QUELAFERT® MICROS-L
 QUELAFERT® ECOCUAJE

QUELAFERT® POTASIK ECO

AMINOACIDS AND BIOSTIMULANT

QUELAFERT® VITALIM FORTE
 QUELAMIN 24
 QUELAFERT® AMINO60
 QUELAFERT® QUELGREEN
 QUELAFERT® RAICINE



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