Nutritional Supplements in Crops







At the heart of growth

The inO NUTRITION range DE SANGOSSE

The products in the **inO** NUTRITION range DE SANGOSSE aim to optimise the qualitative and quantitative potential of crops (field crops, Grapes, Fruit trees and Vegetables). These solutions help to increase the productivity of agriculture while minimising the environmental impact. Via targeted nutrition and thanks to nutritional programmes specific to each crop, the **inO** NUTRITION range enables farmers to influence the growth and development of plants.

These products are to be by foliar application as a spray or to the soil in the form of a liquid or a wettable or solid powder (microgranular or granular).





FERTILISER

COMPOSITION

Boron (B): 90 g/L

SPECIFICATIONS

Formulation Natural seaweed extracts and Amino-acids

Use Foliar 1 L Packaging

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 24 months Liquid (SL) Form

AGRONOMIC INTERESTS

Roles of elements

- Role on flowering and fruit set
- Migration on sugars
- Protein synthesisMeristematic activity and growth
- Use of auxin in the plant

Specifications

INO-ALG B90 is an original and unique formulation which combines the marine vitality and amino-acids with Boron.

INO-ALG B90 is highly concentrated in Boron preventing and thus correcting efficiently the deficiencies in Boron of all crops. It improves the homogeneity and the quality of the harvest by foliar spraing before and afetr flowering.

INO-ALG B90 is a ready for use liquid product.

Interests of the formulation

Natural seaweed extracts improve the assimilation of vacuals seawed extracts improve the assimilation of active ingredients on plant leaf surfaces. They improve wetting, spreading and stick ability of these compounds to ensure improved uptake time and reduced losses due to washing off. Cristallisation is also avoided due to reduced water evaporation, resulting in an absorption rate of

Amino acids are the building blocks of proteins. Plants need a lot of energy to produce them, and they are the first carbon source available for plants. In case of external stress or low growth, an amino acid application feeds the plants metabolism. Amino acids stimulate growing and development.

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L - Maximum concentration: 1,5%

> GRAPE

Timing: Separated bunches - before and after flowering

> PIP FRUIT (Apple and Pears) and STONE FRUIT (Cherries, plum, peaches)

Timing: Before / after flowering and petal fall

Timing: 2 applications during starting period and on well established crops

> VEGETABLES

Timing: 1 to 2 applications on well established crops

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer

to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only.

- Fill the spray tank with half the required amount of water and start agitation

- Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously

- After spraying, clean and rinse the spraying equipment thoroughly

COMPATIBILITY: Always read the product labels and follow the manufacturers' instructions for all products at all times. Some settings, outside the control of the manufacturer or distributor, may have repercussions on the performance of co-applied products. Therefore, the co-application is made at the risk of the end user. When combining with other components in a tank-mix, always add this product last. If there is any doubt at all, consult the manufacturer or distributor concerned.



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la croissance Au cœur de



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MICRONUTRIENTS

COMPOSITION

Nitrogen total (N): 90 g/L Phosphorus pentoxide (P205): 55 g/L Potassium oxide (K20): 54 g/L Magnesium oxide (MgO) EDTA chelated: 1,31 g/L

Boron (B): 500 mg/L
Copper (Cu) EDTA chelated: 140 mg/L
Iron (Fe) EDTA chelated: 300 mg/L
Manganese (Mn) EDTA chelated: 500 mg/L

Molybdenum (Mo): 50 mg/L) Zinc (Zn) EDTA chelated: 270 mg/L Free Amino-Acids (L form): 11,75 g/L

Organic carbon: 2,3% Dry matter : 42,4 %

SPECIFICATIONS

Formulation Seaweed extracts Natural Origin & Pure FREE L-Amino-Acids

Use **Foliar Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation Liquid (SL) Form

AGRONOMIC INTERESTS

Roles of elements

A unique selection of 5 AMINO-ACIDS for improving metabolism activity of plant: / Methionine: root promoter (amplifies auxin / Proline: anti-stress and osmo-regulator / Aspartic acid, Glutamic acid & Arginine: metabolism of nitrogen The Pure Extract of fresh Seaweed amplifies and

supports each action of amino-acids.

Specifications

A bio-stimulating product for foliar application.

inO-BOOST NPK improves: / PLANT AND ROOT GROWTH Rebalances the sap developed and thus relaunches photosynthesis Relaunches root activity and rhizogenesis / ENHANCED METABOLISM Optimisation of the development of roots and leaves. Effective distribution of nutrients within the plant / MAINTENANCE OF PRODUCTION FUNCTIONS **EVEN IN SITUATIONS OF STRESS**

inO-BOOST NPK designs to enable foliar and root development

Interests of the formulation

Pure FREE AMINO-ACIDS

When amino acids are not bonded in order to form peptides or proteins, they are "free amino acids" Free amino acids are directly and totally usable by the plant. FREE AMINO ACIDS are natural, stable and neutral substances for foliar sprays.

They are easyly uptakenable by the leaves of the plant.

Natural SEAWEED EXTRACTS

They improve the assimilation of active ingredients on plant leaf surfaces. They improve wetting, spreading and stick ability of these compounds to ensure improved uptake time and reduced losses due towashing off. Cristallisation is also avoided due to reduced water evaporation, resulting in an absorption rate of 80-90 %.

DIRECTION OF USE

FOLIAR APLLICATION

Rate: 2-3 ml/L

>FIELD CROPS

Minimum number of applications: 1 - Minimum dilution volume: 80 L Application stage: Apply when the leaf surface is suciently developed

> INDUSTRIAL VEGETABLE CROPS (Potatoes, beets, beans, carrots, etc.)

Minimum dilution volume: 100 L/ha

Applica tion stage: throughout the cycle on suciently developed leaf surface

PRACTICAL ADVICES

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MICRONUTRIENTS



Phosphorus (P,O,): 60 g/L

Calcium (CaO): 186 g/L

Zinc (Zn): 11 q/L

SPECIFICATIONS

Formulation Active pH Complex

Use **Foliar Packaging** 1^TL

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

36 months Preservation Liquid (SL) **Form**

AGRONOMIC INTERESTS

Roles of elements

Calcium ·

Improvement of the yield quality components (preservation,

firmness, grade, etc)
- Play a part in the meristematic activity

Phosphorus:

Energy carryingMembrane constituents

- Protein synthesis

Growth hormone synthesis

- Enzymatic functioning

- Protein synthesis

Specifications

INO-CALFOS is highly concentrated in Calcium, Phosphorus and Zinc preventing any physiological and nutritional unbalance of fruit and vegetables

INO-CALFOS contributes to the grade of fruit and vegetables, their keeping quality and their resistance to shocks and bruises.

INO-CALFOS is a 100 % soluble Calcium solution formulated to provide maximum effect in combination with phosphurus.

Interests of the formulation

Acidifying Base active pH = Complexing and Buffering Organic Acid

€ CALFOS

- Optimal and quick penetration of the elements. Level of absorption close to 100 %
 - Better affinity of the acid mixture with the plant cuticle
- Prevents calcium precipitation (insolubilization)
 Highly compatible with most pesticides
 Acidifies and stabilizes the pH (buffer power)
 Makes soluble the nutritive elements present in the leaf

- Keeps nutrient in the leaves soluble

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

> PIP FRUIT (Apple and Pears) and STONE FRUIT (Cherries, plum, peaches)

Timing: 5-7 applications from 15 days interval, as of the enlargement of the fruits and up to 3 weeks before harvest.

> OTHER CROPS AND VEGETABLES (Outdoor)

Timing: 4 to 6 applications at 10-14 day intervals on well-established crops.

> GRAPE

Timing: 3 to 4 applications from end of flowering to bunch closure

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only.

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Au cœur



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Micronutrients

COMPOSITION

Magnesium (MgO): 200 g/L

Calcium (Ca0): 310 g/L

Manganese (Mn): 8,2 g/L

Zinc (Zn): 24 g/L

SPECIFICATIONS

Formulation Suspension concentrate (FLOW)

Use **Foliar Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 18 months Liquid (SC) Form Density 1.59

AGRONOMIC INTERESTS

Roles of elements

Magnesium:

PhotosynthesisSynthesis of carbohydrates and lipids

- Improvement of the yield quality components (preservation, firmness, grade, etc)

- Play a part in the meristematic activity

Specifications

INO-FLOW CaMg is highly concentrated in Calcium and Magnesium preventing any physiological and nutritional unbalance of fruits and vegetables.

INO-FLOW CaMg helps improve the quality of fruit and vegetables

INO-FLOW CaMg is a ready for use liquid product with a very «soft» action on fruits, safe to use and handle.

Interests of the formulation

Suspension Concentrates allow the supply of high levels of mineral elements to the plant whilst ensuring effective, progressive and sustainable assimilation.

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L > PIP FRUITS

Timing: 3-5 applications every 8-15 days from petal fall, until 1 month before harvest

> GRAPE

Timing: 2-3 applications every 8-10 days from fruit setting

> MELONS

Timing: 3 applications every 10-15 days from start fruit setting

> CAROTS

Timing: 3-5 applications every 15 days from 4-6 leaves stage

> OTHER CROPS: contact us

PRACTICAL ADVICES

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> de la croissance Au cœur



GREEN.K

FERTILISER

COMPOSITION

Nitrogen (N): 46 g/L

Potassium (K,0): 500 g/L

SPECIFICATIONS

Formulation Specific Mineral balance in foliar

Use Foliar and Fertigation

Packaging

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 24 months Liquid (SL) Form Density 1.53

AGRONOMIC INTERESTS

Roles of elements

Nitrogen

- Essential constituent of proteins Enzymatic role
- Photosynthesis

Potassium:

- Synthesis and transfer of sugars Photosynthesis Water regulation and management

Specifications

INO-GREEN K is specifically designed and formulated to optimize maturity and quality of the grape crop at harvest.

Through foliar uptake, it helps with the transfer of assimilates from the leaves to the fruit.

INO-GREEN K is a 100 % soluble Potassium concentrate formulated to provide maximum effect in synergy with Nitrogen.

Interests of the formulation

The unique formulation of this product guarantees maximum foliar uptake, without the risk of phytotoxicity, designed to achieve nutrient absorption in less than 6 hours

This product is formulated with rigorously selected raw materials, guaranteed by quality control, to ensure a perfect safety of use and to optimize the absorption through the leaves.

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

- > GRAPES Timing: 2-4 applications applied at 10-15 day intervals starting from fruit set and during ripening.
- > APPLE, PEARS, CITRUS, MANGO, BANANA TREE Timing: 4-6 applications applied at 10-15 day intervals starting at the beginning of fruit growth and up to 2 weeks before harvest.
- > POTATO Timing: 3 to 5 applications on sufficient ly developed foliage.
- > RICE Timing: 3 applications at 15-45-55 days after sowing on intensive Rice
- > VEGETABLES, TOMATO & CUCUMBER ... Timing: 2 applications from fruit enlargement

PRACTICAL ADVICES

- > Foliar Application: For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only. > Fertigation: Use the product in direct or indirect injection (mother solution) adapting the dilution level to the crop's needs > Mixing: Fill the spray tank with half the required amount of water and start agitation. Add the required amount of our product, then add the rest of
- the water maintaining agitation continuously. After spraying, clean and rinse the spraying equipment thoroughly.

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Au cœur de la croissance



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FOLIAR FERTILIZER

COMPOSITION

Nitrogen (N): 200 g/L

Magnesium (Mg0): 50 g/L

Sulfur (SO₂): 101 g/L

SPECIFICATIONS

Formulation Lignosulfonates

Use **Foliar** 1 L **Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 36 months Liquid (SL) Form

AGRONOMIC INTERESTS

Roles of elements

Nitrogen

- Essential constituent of proteins Enzymatic role
- Photosynthesis

Sulphur:

- Protein constituents
- Enzymatic rolePhotosynthesis

Magnesium : - Photosynthesis - Synthesis of carbohydrates and lipids

Specifications

INO-GREEN NMg is a foliar fertiliser which combines nitrogen with Magnesium and Sulfur.

The rigorous selection of the raw materials used in the product guarantees a great purity and a total solubility. It improves the homogeneity and the quality of the harvest.

INO-GREEN NMg a ready-to-use liquid formulation with a very "soft" action on the leaf: safe to use and handle.

The synergy of Nitrogen and Sulphur elements increases the efficiency of spraying.

Interests of the formulation

Lignosulphonates Base: Organic compounds extracted from wood (lignin).

- Natural « chelating » properties = ability to form stable and soluble complexes with metallic ions (Iron-Cu-Mn-Zn)
- Natural adjuvant properties
- Wettability (spreading)
- Adhesiveness (resistance to wash off)
- Humactant effect (preventing cristalizing) Level of absorption close to 80 - 90 %

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

> APPLE and PEARS

Timing: 1 application before flowering (pip fruits)

Post-harvest storage: (Nitrogen): 1 application from petal fall stage (post-harvest storage)

> GRAPES

Improvement of nitrogen content of must and aromatic quality of wine - 2 applications around berry softening at 15-day interval.

Timing: Before tuber initiation and at the beginning of flowering stag

PRACTICAL ADVICES

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Au cœur de la croissance



MICRONUTRIENTS

COMPOSII	10 N
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Nitrogen (N): 100 g/L Iron (Fe): 0,25 q/L **Phosphorus** (**P**₂**0**₅): 36 g/L Manganese (Mn): 0,5 g/L Potassium (K,0): 85 g/L Molydenum (Mo): 0,05 g/L Magnesium (MgO): 1,3 g/L Zinc (Zn): 0,4 g/L **Sulfur (SO₃):** 1,28 g/L Boron (B): 0,5 g/L **Copper (Cu):** 0,14 g/L

SPECIFICATIONS

	-	
Formulation	Active Nutritional Cellular & Selection of Amino-Acids	
Use	Foliar	
Packaging	1 L	
Storage condition		Store away from frost and keep in original container out of direct sunlight and tightly closed.
Preservation		36 months
Form		Liquid (SL)
		1.

AGRONOMIC INTERESTS

MgO, Cu, Fe, Mn, Zn chelated by EDTA

Roles of elements

Supply combined with Nitrogen, Phosphorus, Potassium, Magnesium and Trace elements essential to the good progress of the crop. The proportion of each element is specific to the needs of the plant then allowing an improvement of the overall nutritional status of the plant.

The balance in micro-nutrients is close to the one of the sap of the plants. The micro-nutrients are, for the most part, under a chelated form increasing their level of absorption, of assimilability and their circulation in the plant.

Specifications

INO-GREEN Ultra improves the nutritional status of the crop. Used in foliar spraying, it activates the metabolism of each vegetal cell. This action on the whole plant improves the photosynthesis and the capacity of taking the mineral elements through the root system.

INO-GREEN Ultra is a polyvalent product which is suitable to numerous crops. It is specifically adapted to the nutrition, the amélioration and the growth of the vegetative system.

INO-GREEN Ultra is a ready for use liquid product with a very «soft» action on the foliage, safe to use and handle.

Interests of the formulation

- Active Nutritional Cellular:
- 1- Effect on foliar stimulation
- 2- Nutritive effect through the leaves 3- Adjuvant effect: improvement of the quality of spraying
- > Amino-Acids have a naturally complexing effect: The complexing effect is the result of the union of two amino acids with a metal atom (Fe. Cu. Mn. Zn). The amino acids increase absorption of metal ions promoting the permeability of the cell membrane. The level of absorption by leaves is really improved.

DIRECTION OF USE

FOLIAR APLLICATION

Rate: 2-3 ml/L

- > FPIP FRUITS (Apple and Pears) and STONE FRUITS (Cherries, plum, peaches) Timing: 4 applications from petal dropping then every 14 days
- > POTATOES Timing: 3-4 applications from start of tuber formation then every 14 days
- > VEGETABLES Timing: 3-4 applications, every 10 14 days from establishment
- > GRAPES Timing: 2-3 applications from separate bunches, start of flowering and pre bunch closure, then every 10-14 days as required
- > CITRUS Timing: 4 applications from petal dropping then every 14 days
- > BANANA TREES Timing: 3-5 applications, every 2 3 weeks from the vegetative start

PRACTICAL ADVICES

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Au cœur de la croissance



Micronutrients

COMPOSITION Nitrogen (N): 10 %

Phosphorus (**P**₂**0**₅): 40 %

Manganese (Mn): 0,02 % Molydenum (Mo): 0,005 %

Magnesium (MgO): 3 % Zinc (Zn): 0,03 %

Boron (B): 0,03 % **Copper (Cu):** 0,01 %

Sulfur (SO₂): 11 %

Iron (Fe): 0,02 %

SPECIFICATIONS

Formulation Technology Phosphorus Preservation (TPP)

Use Soil (Microgranules)

10 kg **Packaging**

Storage condition Store away from humidity and keep in original container out of

direct sunlight and tightly closed.

Preservation 24 months Microgranules Form

Density

AGRONOMIC INTERESTS

Roles of elements

INO-LOC Micro PMX associates Nitrogen and Phosphorus to the micronutrients under perfectly assimilable forms. This mineral balance acts directly on the growth and the vegetative development.

Hardly mobile in the soil, Phosphorous is difficult to access by the roots of the seedling. The close placement of P and Zinc to the roots, increases the uptake chances by many factors.

97,5% of total phosphorus pentoxide is water soluble.

Specifications

Uniform micro-granules provide multiple contact points with the seed providing emerging seedlings with vital nutrition elements For an optimum start.

INO-LOC Micro PMX is a vital part of the new season fertilser

program. It improves the efficiency of fertilzer use, and limits leaching losses improving yield.

INO-LOC Micro PMX is specially designed to be used with all microgranule application equipment currently set up on seeders. It offers extremely accurate fertiliser placement at the time of

planting. INO-LOC Micro PMX allows reduced quantities of fertilser to be used and simplifies logistics.

Interests of the formulation

Technology Phosphorus Preservation ® is a new generation of co-formulant for phosphate fertilisers improving the bioavailability of phosphorus.

Sequestering effect- metal cations in the soil having an antagonising effect on phosphates are blocked
 Solubilising effect the insolublisation of phosphorus is

In LOC - Micro PM

- reduced by limiting its retrogradation with calcium > Effect on bioavailability increased bioavailability of phosphorus for plants

Improvement of the bioavailability of phosphorus in soil. Localised application is safe, quick and efficient

DIRECTION OF USE

APPLY AT DRILLING NEXT TO THE SEED OR THE PLANT

SOIL APPLICATION

- > Maize, sunflowers Rate: 20 to 30 kg/ha
- > RAPE Rate 15 to 40 kg/ha depending on soil conditions (pH and P2O5 content).

Contact your technician.

- > Beet, potato, chicory Rate: 30 to 40 kg/ha
- > Horticulture, Nurseries Rate: 50-100 g/m²
- > FODDER (alfalfa, orchard grass, fescue, clover, ray grass, etc.)

Rate: 20 kg/ha - Application: mix evenly with seeds. We recommend sowing in small quantities (3-4 ha) in order to produce a homogenous mixture, then repeat the operation

as many times as necessary. E.g.: 20 kg of Microgranules + 30 kg of seeds => seed

drill opening at 50 kg/ha.

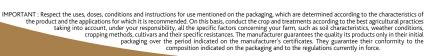
Other crops: Contact your technician

DO NOT APPLY ON FRENCH BEANS and CARROTS

Clean the applicator after use.

PRACTICAL ADVICES

Make sure equipment used is calibrated, apply the correct amount of product. Take atmospheric conditions into consideration, such as humdity etc affecting flow. Empty microgranule boxes after use.





MIX. BMo6

Micronutrients

COMPOSITION

Nitrogen (N): 60 g/L

Boron (B): 120 g/L

Manganese (Mn): 1,2 g/L

Molydenum (Mo): 6 g/L

SPECIFICATIONS

Formulation Lignosulfonates

Use **Foliar** 1 L **Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 24 months Liquid (SL) Form Density 1.33

Mn chelated by EDTA

AGRONOMIC INTERESTS

Roles of elements

- Role on flowering and fruit set
- Migration on sugars - Protein synthesis
- Meristematic activity and growth
- Use of auxin in the plant

Molybdenum:

- Nitrate reduction
- Protein synthesis
- Contributes to the nodulation of legumes

Specifications

INO-MIX BMo is a versatile product. It is made up of a totally balanced formulation and specifically adapted to the brassica

INO-MIX BMo is made up of nutritional elements of a great purity and totally soluble.

Interests of the formulation

Lignosulphonates Base: Organic compounds extracted from wood (lignin).

- Natural « chelating » properties = ability to form stable and soluble complexes with metallic ions (Iron-Cu-Mn-Zn)
- Natural adjuvant properties
 Wettability (spreading)

- Adhesiveness (resistance to wash off)
 Humactant effect (preventing cristalizing)

Level of absorption close to 80 - 90 %

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

> BEET

Timing: 2 applications during starting period and on well established crops

> PEAS

Timing: 1-2 applications from 5-6 leaves to pre-flowering.

> VEGETABLES, FRUIT TREES AND KIWIFRUIT

Timing: 1 to 2 applications on well established crops or before and after flowering

> GRAPES

Timing: At inflorescence visible, inflorescence fully developed and end of flowering

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer The transfer of the required amount of water and start agitation

- Fill the spray tank with half the required amount of water and start agitation

- Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously

- After spraying, clean and rinse the spraying equipment thoroughly

COMPATIBILITY: Always read the product labels and follow the manufacturers' instructions for all products at all times. Some settings, outside the control of the manufacturer or distributor, may have repercussions on the performance of co-applied products. Therefore, the co-application is made at the risk of the end user. When combining with other components in a tank-mix, always add this product last. If there is any doubt at all, consult the manufacturer or distributor concerned.

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> de la croissance Au cœur



MICRONUTRIENTS

COMPOSITION

Sulfur (SO₃): 5 %

Boron (B): 13 %

Zinc (Zn): 4.1 %

SPECIFICATIONS



Product allowed for use in organic farming, in accordance with the EC regulation 834/2007

Formulation Active pH Complex Use Foliar (powder)

Packaging 10 kg

Storage condition Store away from humidity and keep in original container out of

direct sunlight and tightly closed.

Preservation

Soluble Powder (SP) Form

AGRONOMIC INTERESTS

Roles of elements

Boron:

- Role on flowering and fruit set
- Migration on sugars
- Protein synthesisMeristematic activity and growth
- Use of auxin in the plant

- Growth hormone synthesis
- Enzymatic functioning
- Protein synthesis

Specifications

INO-MIX BZn prevents deficiencies in Boron and/or in Zinc.

INO-MIX BZn is ideally formulated for fruit trees sensitive to Boron and Zinc elements.

INO-MIX BZn is a « non russeting » product. Its particularly soft formulation makes it usable in sensitive period of application, period which corresponds to a high growth and to important needs.

The rigorous selection of the raw materials used in INO-MIX BZn guarantees to it a 100% solubility and a very fast dissolving in the treatment mixture

Interests of the formulation

Acidifying Base active pH = Complexing and Buffering Organic Acid

- Optimal and quick penetration of the elements. Level of absorption close to 100 %
- Better affinity of the acid mixture with the plant cuticle

i**⊘**MIX. BZN

- Prevents calcium precipitation (insolubilization) Highly compatible with most pesticides
- Acidifies and stabilizes the pH (buffer power)
 Makes soluble the nutritive elements present in the leaf
- Keeps nutrient in the leaves soluble

DIRECTION OF USE

FOLIAR APPLICATION

- > STONE FRUITS (Cherries, plum, peaches), PIP FRUITS (Apple and Pears)
- Rate: 2-3 g/L Timing: D appearance of floral buds E Visible sepals E2/F1 beginning of flowering G/H fall of petals I fruit setting.
- Post harvest Rate: 2-3 g/L before leaf fall or on wood

- Rate: 2-3 g/L Timing: Visible bunches / floral buds /
- Post harvest Rate: 2-3 g/L in 200 L minimum of water

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only.

- Fill the spray tank with half the required amount of water and start agitation
- Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously

- After spraying, clean and rinse the spraying equipment thoroughly

COMPATIBILITY: Always read the product labels and follow the manufacturers' instructions for all products at all times. Some settings, outside the control of the manufacturer or distributor, may have repercussions on the performance of co-applied products. Therefore, the co-application is made at the risk of the end user. When combining with other components in a tank-mix, always add this product first. If there is any doubt at all, consult the manufacturer or distributor concerned.

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MIX - Fruits

MICRONUTRIENTS

COMPOSITION	
Nitrogen (N): 50 g/L	Molydenum (Mo): 0,05 g/L
Phosphorus (P ₂ 0 ₅): 250 g/L	Zinc (Zn): 0,4 g/L
Magnesium (Mg0): 30 g/L	•
Calcium (CaO): 50 g/L	
Boron (B): 0,5 g/L	
Iron (Fe): 0,25 g/L	
Manganese (Mn): 0,5 g/L	

SPECIFICATIONS

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Formulation	Active pH Complex	
Use	Foliar	
Packaging	1 L	
Storage condition		Store away from frost and keep in original container out of direct sunlight and tightly closed.
Preservation		24 months
Form		Liquid (SL)

Fe chelated by EDTA

AGRONOMIC INTERESTS

Roles of elements

Supply combined with Nitrogen, Phosphorus, Calcium and micronutrients essential to the good progress of the crop. The proportion of each element is specific to the needs of the plant then allowing an improvement of the overall nutritional status of the plant.

The balance in elements is close to the one of the sap of the plants. The micro-nutrients are, for the most part, under a chelated form increasing their level of absorption, of assimilability and their circulation in the plant.

Specifications

INO-MIX Fruits is highly concentrated in Calcium and Phosphorus, with a specific mineral balance in micronutrients, preventing any physiological and nutritional unbalance of fruit and vegetables.

INO-MIX Fruitso contributes to the grade of fruit and vegetables, their keeping quality and their resistance to shocks and bruises.

INO-MIX Fruits is a 100 % soluble Calcium concentrate formulated to provide maximum effect in synergy with

Interests of the formulation

Acidifying Base active pH = Complexing and Buffering Organic Acid

- Optimal and quick penetration of the elements. Level of absorption close to 100 %

 - Better affinity of the acid mixture with the plant cuticle
- Prevents calcium precipitation (insolubilization)
- Highly compatible with most pesticides
 Acidifies and stabilizes the pH (buffer power)
- Makes soluble the nutritive elements present in the leaf
- Keeps nutrient in the leaves soluble

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

- > PIP FRUIT (Apple and Pears) Timing: 2-5 applications every 8-15 days from petal fall.
- > STONE FRUIT (Cherries, plum, peaches) Timing: 2-5 applications every 8-15 days from petal fall
- > CITRUS, MANGO Timing: 1-2 applications during fruit set and eventually 1 application 10 days later
- > STRAWBERRY Timing: 3 applications every 8-15 days from start of flowering
- > VEGETABLES, TOMATO & CUCUMBER ... Timing: 1-2 applications from fruit enlargment

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer The street of the commendations table for application rates and timings for individual crops. Use outdoors only.

- Fill the spray tank with half the required amount of water and start agitation

- Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously

- After spraying, clean and rinse the spraying equipment thoroughly

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> Au cœur la croissance



FERTILISER

COMPOSITION

Phosphorus (P₂O₅): 240 g/L

Potassium (K,0): 318 g/L

Boron (B): 8 q/L

SPECIFICATIONS

Formulation Specific Mineral balance in foliar

Use **Foliar** 1 L **Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

Preservation 36 months Liquid (SL) Form

AGRONOMIC INTERESTS

Roles of elements

NiaPhosphorus:

- Energy carrying
- Membrane constituents
- Protein synthesis

Potassium:

- Synthesis and transfer of sugars
- Photosynthesis
- Water regulation and managementtrogen :

Specifications

inO-MIX K is specifically designed and formulated to optimize maturity and quality of the grape crop at harvest.

Through foliar uptake, it helps with the transfer of assimilates from the leaves to the fruit.

inO-MIX K is a 100 % soluble Potassium contrate formulated to provide maximum effect in synergy with phosphorus.

Interests of the formulation

The unique formulation of this product guarantees maximum foliar uptake, without the risk of phytotoxicity, designed to achieve nutrient absorption in less than 6 hours

This product is formulated with rigorously selected raw materials, guaranteed by quality control, to ensure a perfect safety of use and to optimize the absorption through the leaves.

DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2-3 ml/L

> GRAPES

Timing: 2-4 applications applied at 10-15 day intervals starting from fruit set and during ripening.

> FRUIT TREES AND KIWIFRUIT

Timing: 4-6 applications applied at 10-15 day intervals starting at the beginning of fruit growth and up to 2 weeks

before harvest. > FIELD CROPS

Timing: 3 to 5 applications on sufficiently developped foliage

> VEGETABLES

Timing: 3 to 5 applications on sufficiently developped foliage

PRACTICAL ADVICES

> Foliar Application: For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only. > Fertigation: Use the product in direct or indirect injection (mother solution) adapting the dilution level to the crop's needs > Mixing: Fill the spray tank with half the required amount of water and start agitation. Add the required amount of our product, then add the rest of

the water maintaining agitation continuously. After spraying, clean and rinse the spraying equipment thoroughly.

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<u>Au cœur de la croissance</u>



Micronutrients

COMPOSITION Calcium (Ca0): 160 g/L



Product allowed for use in organic farming only on apple trees, in accordance with the EC regulation 834/2007

SPECIFICATIONS

Formulation Nutricitor Use **Foliar** 1 L **Packaging**

Storage condition Store away from frost and keep in original container out of direct

sunlight and tightly closed.

18 months Preservation Form Liquid (SC) Density 1.27

AGRONOMIC INTERESTS

Roles of elements

- Improvement of the yield quality components (preservation, firmness, grade, etc)
- Plays a part in the meristematic activity

Specifications

INO-TONIC Ca prevents any physiological and nutritional unbalance in the vegetative process (Tip Burn, apical necrosis,

INO-TONIC Ca, thanks to the balanced Calcium /Elicitor contributes to the colorationand the preservation.

INO-TONIC Ca is a ready for use liquid product with a very «soft» action on fruits: easy of use, safety of use and safety for theconsumers.

Interests of the formulation

The plants do not suffer in a passive way from the me piants do not surrer in a passive way from the microorganism attacks. They possess defense genes which are activated when infected by some aggressors. In case of attack, the infected tissues necrose rapidly and defense barriers are put in place in the tissues not yet infected which stops and/or delays the spreading of the illness. However, this reaction considered as hypersensitivity begins only if the plant is able to recognize some begins only if the plant is able to recognize some molecules produced by its aggressor, the elicitors. To elicit is to give to the plant means to recognize its aggressor. With lack of elicitors, the defense mechanism is not activated and the illness develops.

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DIRECTION OF USE

FOLIAR APPLICATION

Rate: 2 mL/L

> FRUIT TREES (Stone and pip fruit) AND KIWIFRUIT

Timing: Up to 5 applications at 10-14 day intervals from C-C3 stage and during the swelling of the fruits

> RED FRUITS AND VEGETABLES

Timing: 2-3 weeks before harvest

> OTHER CROPS AND VEGETABLES (tomato, strawberry...)

Timing: 4 to 6 applications at 10-14 day intervals on well-established crops.

PRACTICAL ADVICES

For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed Z5°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only.

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- Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously

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cœur de la croissance

