

BIOSTIM

BORON



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM BORON, is for the prevention and correction of boron deficiency in crops. The ethanolamines of **BIOSTIM BORON** encourage absorption and translocation of boron inside the plant.

Application of **BIOSTIM BORON** is effective as a readily available source of Boron for foliar or soil applications. Boron is an essential element for plants: encourage flowering, pollination and development of fruits; increases quality and fruit conservation potential.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100l	l/ha	
Grape vines, Kiwi	50 - 75	0.5 - 0.75	Apply at pre flowering, repeat as needed.
Peaches, Nectarines, Cherries, Plums	50 - 75	0.5 - 0.75	Apply at floral bud, repeat as needed
Nuts	50 - 75	0.5 - 0.75	Apply at floral bud, repeat as needed
Apple, Pears	50 - 75	0.5 - 0.75	Apply at floral bud, repeat as needed
Olive	50 - 75	0.5 - 0.75	Apply at flowering, repeat as needed
Mangoes	50 - 75	0.5 - 0.75	Apply at full flowering, repeat as needed
Citrus	50 - 75	0.5 - 0.75	Apply as needed
Berries	50 - 75	0.5	Apply at fruit set, repeat as needed
Pineapple	75 - 100	1.0	Apply at flowering, repeat as needed
Tomato, Capsicum	50 - 75	0.5 - 0.75	Apply at pre-flowering, repeat as needed
Potato, Corn	50 - 75	0.5 - 0.75	Apply at the beginning of the crop cycle
Cereals	50 - 75	0.5	Apply at pre-flowering

GUARANTEED ANALYSIS

Element	% w/v
Water Soluble Boron (B)	13.7

pH: 8.50 / Density: 1.37

Packaging: 20 Litres

CONTACT US:

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BIOSTIM

CALCIUM



GUARANTEED ANALYSIS

Element	% w/v
Nitrogen (N)	1.35
Calcium (Ca)	13.5

Complexed with L-amino acids (Glycine)

pH: 7.90 / Density: 1.35

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Foliar Application

BIOSTIM CALCIUM, is a nutritional corrector based on calcium complexed with specific free L-amino acids, specially formulated to improve the quality and firmness of fruits in table grapes, apples, cherries, blueberries, and others.

BIOSTIM CALCIUM is compatible with most phytosanitaries and foliar fertilizers, however, it is recommended to perform chemical compatibility tests of the mixture before using it.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100l	l/ha	
Table Grapes	200 - 300	2.0 - 3.0	Apply from pre flowering to colour change, use in combination of BIOSTIM BORON
Apple, Pears	200 - 400	2.0 - 4.0	Apply on early shoot growth and repeat as needed, use in combination of BIOSTIM BORON
Stone fruit, Kiwi	200 - 400	2.0 - 4.0	Apply from the end of flowering, use in combination of BIOSTIM BORON
Berries	200 - 300	2.0 - 3.0	Apply every 7 days starting at pre-flowering use in combination of BIOSTIM BORON
Citrus	200 - 400	3.0 - 4.0	Apply at pre-flowering repeat as needed, use in combination of BIOSTIM BORON
Pineapples	200 - 300	2.0 - 3.0	Apply during shoot development, repeat as needed
Tomato, Capsicum	200 - 300	2.0 - 3.0	Apply at pre-flowering repeat as needed, use in combination of BIOSTIM BORON
Curcubits	200 - 300	2.0 - 3.0	Apply at pre-flowering repeat application every 10 - 12 days as needed use in combination of BIOSTIM BORON
Letucce, Brasicca	200 - 300	2.0 - 3.0	Apply from 6 leaves and repeat as necessary use in combination of BIOSTIM BORON
Celery	200 - 300	2.0 - 3.0	Apply when the plant reaches 20 cm use in combination of BIOSTIM BORON

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Packaging: 20 Litres

BIOSTIM

COMPLEX



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM COMPLEX, is formulated with specific chelating agents to maximise uptake and mobility of all micro nutrients and Magnesium in its formulation

Its micronutrients blend allows for the application of a general trace elements mix.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	m/100l	l/ha	
Vegetables	100 - 200	1.0 - 2.0	2-3 applications during the crop development.
Onions	100 - 200	1.0 - 2.0	3 applications, 4 - 6 leaf stage, 6 - 8 leaf stage and bulbing.
Avocado	200 - 300	2.0 - 3.0	2-3 applications during the fruit development and post harvest.
Grapevine	200 - 300	2.0 - 3.0	2 applications at preflowering and after fruit setting.
Citrus	200 - 300	2.0 - 3.0	2 applications before sprouting and during the fruit development
Strawberries	100 - 200	1.0 - 2.0	3-4 applications throughout the crop cycle at 10 - 15 days intervals
Potato	100 - 200	1.0 - 2.0	first application after tuber initiation and repeat at 15 days intervals
Cotton	100 - 200	2.0 - 3.0	First application 2 - 3 week before flowering and second application 2 weeks after full flower

GUARANTEED ANALYSIS

Element	% w/v
Magnesium (Mg)	2.55
Boron (B)	0.32
Copper (Cu)	0.28
Iron (Fe)	2.35
Manganese (Mn)	2.42
Molibdenium (Mo)	0.06
Zinc (Zn)	2.42

Complexed with amino acids, carboxylic acids and EDTA

pH: 6.0 / Density: 1.38

Packaging: 20 Litres

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BIOSTIM IRON



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM IRON, prevents and correct deficiencies and imbalances in iron assimilation in crops.

BIOSTIM IRON is formulated with a high content of free L-aminoacid to enhance the absorption and translocation of Iron within plant tissues.

BIOSTIM IRON can be used in foliar spraying or diluted in irrigation water, during vegetative crops, specially when symptoms of Iron deficiency are present.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100l	l/ha	
Table grapes	200 - 300	2.0 - 4.0	Apply at first symptom of iron deficiencies, repeat as needed at two weeks intervals
Citric, Avocado Mangoes	200 - 300	2.0 - 4.0	Apply at first symptom of iron deficiencies, repeat as needed at two weeks intervals
Kiwi	200 - 300	2.0 - 4.0	Apply at first symptom of iron deficiencies, repeat as needed at two weeks intervals
Berries	200 - 300	2.0 - 4.0	Apply at first symptom of iron deficiencies, repeat as needed at two weeks intervals
Vegetables	200 - 300	2.0 - 4.0	Apply at vegetative development

GUARANTEED ANALYSIS

Element	% w/v
Total Nitrogen (N)	10.96
Iron (Fe)	7.49

Complex with amino acids and carboxylic acids and EDTA

pH: 6.29 / Density: 1.44

Packaging: 20 Litres

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BIOSTIM

MAGNESIUM



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM MAGNESIUM, is formulated with specific organic acids to maximise uptake and mobility of the Magnesium in its formulation

BIOSTIM MAGNESIUM contains no chlorides, sulphate or nitrates and has an acidic formulation.

APPLICATION RATES

Crop	RATE ml/100l	FOLIAR l/ha	Application
Grape, Kiwi	200 - 300	2.0 - 4.0	Apply from 20 cm shoot, repeat as needed
Plum, Peaches, Nectarine	200 - 300	2.0 - 4.0	Apply after petal-falling until colour change, also suitable for post harvest application
Apple, Pear	200 - 300	2.0 - 4.0	Apply once fruit has formed alternating application with BIOSTIM CALCIUM
Citrus, Avocado	200 - 300	2.0 - 4.0	Apply on developing shoots, repeat as needed
Berries	200 - 300	2.0 - 3.0	Apply on developing shoots, repeat as needed
Pineapples	200 - 300	2.0 - 3.0	Apply during the plant development, repeat as needed
Tomato	200 - 300	2.0 - 3.0	Apply after transplant, repeat application every 15 days as needed
Potato	200 - 300	2.0 - 3.0	Apply after emergence, repeat as needed
Vegetables, Curcubits	200 - 300	2.0 - 4.0	Apply after transplnatation, repeat as needed

GUARANTEED ANALYSIS

Element	% w/v
Magnesium (Mg)	7.44

Magnesium 100% complexed with carboxylic acids

pH: 7.10 / Density: 1.23

Packaging: 20 Litres

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BIOSTIM

MZ



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM MZ, is formulated with specific organic acids to maximise uptake and mobility of Zinc and Manganese in the plant.

BIOSTIM MZ is ideally used in times of high Zinc and Manganese demand or as a nutrient deficiency corrector.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100 l	l/ha	
Citrus, Avocado			Apply during shoot development
Stone Fruit			
Pome	200 - 300	2.0 - 3.0	Apply during shoot development, repeat as needed
Grape			
Strawberries	100 - 200	2.0 - 3.0	Apply during plant development
Vegetables			
Curcubits	200 - 300	2.0 - 3.0	Apply during plant development
Potato			

GUARANTEED ANALYSIS

Element	% w/v
Manganese (Mn)	6.5
Zinc (Zn)	6.5

Complexed with carboxylic acids

pH: 7.07 / Density: 1.40

Packaging: 20 Litres

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BIOSTIM

PHOSPHOROUS



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM PHOSPHOROUS is a nutritional corrector of phosphorus and potassium enriched with microelements. It's specially formulated to improve the foliar levels of the elements and the quality of the fruits in table grape, apple, cherry, blueberry, etc.

BIOSTIM PHOSPHOROUS contains adjuvant molecules that make the formulation more stable and facilitate the absorption.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100 l	l/ha	
Vegetables	300 - 400	2.0 - 3.0	Apply according to deficiency level, or to improve quality and color of the fruit
Grape, Kiwi	300	1.5 - 2.0	Apply since beginning of setting at 15 - 20 days intervals. Last application should be done between 2 - 3 weeks before harvest
Fruit trees	200 - 400	2.0 - 4.0	Apply since the end of petals falling and repeat every 15 days. Last application should be done between 2 - 3 weeks before harvest
Citrus	300	2.0	Apply in buds growing of spring and fall
Berries	300 - 400	2.0 - 3.0	Apply since beginning of flowering, repeat at 7 - 10 days intervals
Potato	200 - 400	2.0 - 4.0	Apply since beginning of tuber at 15 days intervals

GUARANTEED ANALYSIS

Element	% w/v
Phosphorous (P)	25.20
Potassium (K)	6.30

pH: 3.0 / Density: 1.26

Packaging: 20 Litres

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POTASSIUM



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM POTASSIUM, is a liquid foliar fertilizer with high concentration of potassium.

Due to its high formulation quality, all potassium is complexed with carboxylic acids, which allows vegetable tissues a quick absorption with a high efficiency.

BIOSTIM POTASSIUM is formulated at neutral pH and does not contain chlorides, nitrates or sulfates.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	ml/100 l	l/ha	
Table grapes	200 - 300	3.0 - 5.0	Apply every 10 days from the beginning of colour change
Plum, Peach, Nectarine	200 - 300	3.0 - 5.0	Apply between petal fall to colour change
Cherry	200 - 300	3.0 - 5.0	2 applications between colour break and harvest
Apple	200 - 300	3.0 - 5.0	3 applications every 20 days, starting 60 days before harvest
Citrus	200 - 300	3.0 - 5.0	3-4 applications during fruit enlargement
Berries	200 - 300	2.0 - 3.0	3-4 applications during fruit enlargement
Tomato	200 - 300	2.0 - 3.0	Apply during fruit growth, repeat every 15-20 days
Potato	200 - 300	2.0 - 3.0	2-3 applications starting 45 days before harvest
Curcubits	200 - 300	2.0 - 3.0	Apply during fruit enlargement, every 15-20 days

GUARANTEED ANALYSIS

Element	% w/v
Potassium (K)	30,0

Complexed 100% with carboxylic acids

pH: 6.26 / Density: 1.44

Packaging: 20 Litres

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BIOSTIM

ZINC



DEFICIENCY CORRECTORS

Category: Deficiency correctors

Formulation: Soluble Liquid (SL)



Foliar Application

BIOSTIM ZINC, is a liquid foliar fertilizer. Due to its high quality formulation, the entire ZINC is complexed with carboxylic acids, which enables vegetable tissues to absorb it quickly with very high efficiency.

Foliar fertilization with **BIOSTIM ZINC** allows Zinc to be easily used in crops and fruit trees.

APPLICATION RATES

Crop	RATE FOLIAR		Application
	m/100 l	l/ha	
Cereals	30 - 80	0.75 - 1.5	Apply during the plant development, repeat as needed
		0.5	Sowing rate
		0.25	Crop shock management
		300 ml / 100 kg	Seed Treatment
Grapevines	30 - 80	0.75 - 1.0	Apply when shoots are at 20 cm, repeat as needed
Kiwi			
Apple	30 - 80	0.5 - 1.0	Apply when the tips are green, repeat as needed
Pear			
Peach, Plums	30 - 80	0.75 - 1.0	Apply after petal fall, repeat as needed
Nectarine			
Nuts	30 - 80	1.0 - 1.5	Apply after full bloom, repeat as needed
Citrus	30 - 80	1.0 - 1.5	Apply on developing shoots
Avocado			
Tomatoes	30 - 80	1.0 - 2.0	Apply during plant development, repeat as needed
Capsicum			
Curcubits	30 - 80	1.0 - 2.0	Apply during plant development, repeat as needed
Berries	30 - 80	1.0 - 2.0	Apply during plant development, repeat as needed

GUARANTEED ANALYSIS

Element	% w/v
Zinc (Zn)	14.13

Complexed with carboxylic acids

pH: 6.40 / Density: 1.41

Packaging: 20 Litres

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