



Ecomon®

BIOSTIMULANT WITH AMINO ACIDS AND MOLYBDENUM – SPECIAL FOR FRUIT SETTING AND FRUIT GROWTH

Benefits of use

ECORMON® is a biostimulant with amino acids and molybdenum to improve fruit setting and fruit growth, maximizing both quality and yield.

Its content in molybdenum has been studied to promote fruit setting, since it is the key nutrient for pollen viability, germination and pollen tube growth; hence it is the most important element for fertilisation. All these benefits improve the strength of fruit setting and also decrease fruit losses during the first stages of development.

The content in amino acids helps the absorption and assimilation of molybdenum by the plants. Amino acids are also the elements sustaining biomass production in fast growing fruits, and participate in different processes to ameliorate the nutritional and energetic status of the crop, like photosynthesis (chlorophyll production), defence against pathogens, response against abiotic stress, as well as pollen viability. Additionally they increase fertilisation rate thanks to increase in GABA synthesis.



Composition

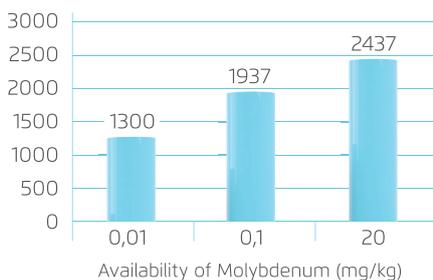
	(%w/v)
L-free amino acids ¹	6,0
Total nitrogen	3,0
Phosphorous (P ₂ O ₅)	5,0
Potassium (K ₂ O)	5,0
Water-soluble Molybdenum (Mo)	4,0

¹Amino acids obtained by bacterial fermentation with *Brevibacterium sp* and enzymatic hydrolysis of vegetal proteins

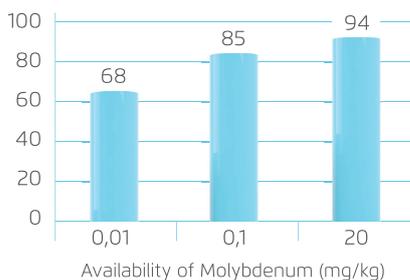
Efficacy trials

Effects of Molybdenum on production and viability of pollen in Maize (Source: Agarwala et al., 1979)

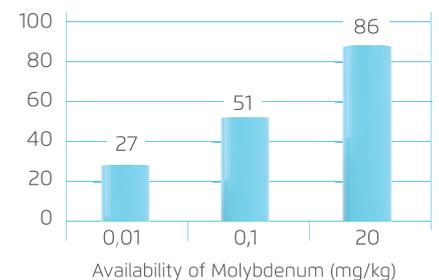
Grains of pollen per anther



Diameter of pollen grains (µm)



% Germination (viability)



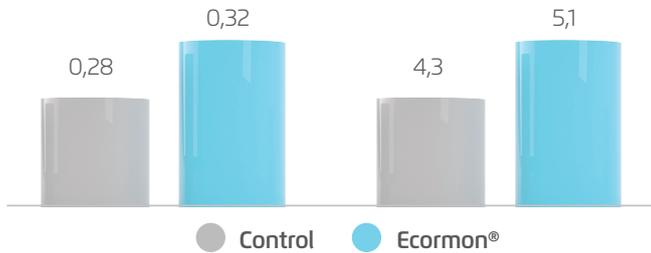


Field trial in courgette var. Lucía

Density: 45 plants/m² / Harvest: May – July / 4 applications of ECORMON (0,5 cc/L)

Fruits average weight (kg)
Courgette, Spain.

Crop yield (Kg/m²)
Courgette, Spain.



CROPS WITH HIGH SENSITIVITY TO MOLYBDENUM DEFICIENCY

Alfalfa, onion, citrus, brussels sprouts, cauliflower, cucurbits (courgette, cucumber), spinach, peas, lettuce, beets, tobacco, tomato, shamrock.

System and time of application

ECORMON® is recommended to prevent and correct Molybdenum deficiencies, stimulate crop growth, increase fertility rate and pollination thus fruit setting, and also to improve fruit quality.

ECORMON® can be applied by foliar spraying or diluted in irrigation water. Apply every 2-3 weeks using enough water to cover the foliar area.

Stability and storage

ECORMON® is stable at least 3 years from the production date. Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for prolonged periods under direct sunlight. Keep away from children.

Do not eat, drink or smoke while handling this product.

Dosage

CROP	L/Ha	cc /100 L	OBSERVATIONS
Courgette	0,5 - 1,0	70 - 100	3 - 4 applications each 5 - 7 days from first leaves.
Cucumber, melon, watermelon	1,0 - 2,0	70 - 100	2 - 3 applications each 15 - 20 days with enough foliar area.
Pepper, tomato	1,0 - 1,5	70 - 100	2 - 3 applications each 15 - 20 days with enough foliar area.
Lettuce, cauliflower	2	100 - 200	1 application, 5 – 7 days after transplant.
Berries	1,0 - 1,5	70 - 100	3 - 4 applications each 15 days from pre-flowering.
Citrus and fruit trees	3	30 - 50	3 applications from pre-flowering to fruit growth.
Olive trees	3	50 - 70	3 applications from pre-flowering to fruit growth.
Table grapes	2	70 - 100	2 applications during berry growth before veraison.
Subtropical crops	1,5 - 2,5	100 - 200	3 applications from flowering to fruit growth.
Legumes	1,0 - 1,5	70 - 100	2 applications from first leaves.
Ornamentals	2 - 3	30 - 50	2-3 applications distributed during the whole cycle.
Industriales	1	100	5-10 L /Ha 10-20 days after transplant.
Hydroponics	150 - 250 ml/1000l		

Compatibility

For mixing with any other product conduct a test in a small volume to assess compatibility.

For further information, technical advices, or any enquiries, please contact your local distributor.