



Ecormon®

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

Benefits of its 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 fertilization. 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), defense against pathogens, response against abiotic stress, as well as pollen viability. Additionally they increase fertilization rate thanks to increase in GABA synthesis.



Composition

(%w/w)

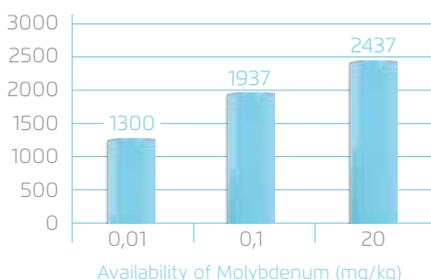
L-free amino acids¹	6,0
Total nitrogen	3,0
Phosphorous (P₂O₅)	5,0
Potassium (K₂O)	5,0
Molybdenum (Mo) soluble in water	4,0

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

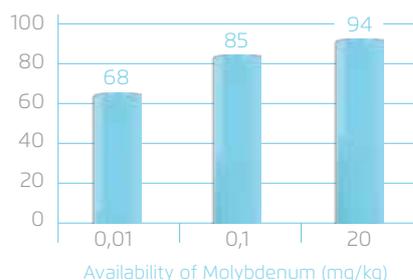
Efficacy Trials

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

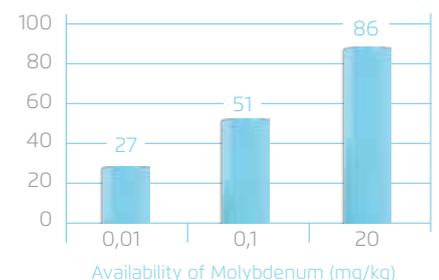
Grains of pollen per anther



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.

Application System

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 during 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.

Dosages

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 <i>veraison</i>
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	2 applications during pre-flowering
Hydroponics	150 - 250 ml/1000l		

Compatibility

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

If you have any doubt, please contact your local dealer for technical advice.