



BIOIBERICA

Equilibrium® 

Biostimulant with synergistic action for a balanced fruit setting and development

What is it? What is it for?

Equilibrium® is the new product of Bioiberica for a better setting. It is a natural and ecological product that stimulates the physiological processes that take place during the setting, which contains a balance of specific L- α -amino acids, glycerolipids and sterols obtained by the exclusive Enzyneer® technology; and polysaccharides (such as alginic acid and mannitol, among others) and betaines from an extract selected from algae (*Ascophyllum nodosum*).



Benefits:

- Promotes better phytohormonal regulation of the plant
- Optimizes the processes of cell division and mobilization of reserves
- Acts on growing organs, maintaining their physiological balance
- Natural and Ecological product. It has certification by ECOCERT as an input suitable for organic farming in the European Union according to EC regulations 834/2007 and 889/2008.



Data sheet

Composition:

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|--|-----------|
| L- α -Free amino acids (*) | 15 % p/p |
| Seaweed extract (<i>Ascophyllum nodosum</i>) | 10 % p/p |
| Alginic acid | 1,5 % p/p |
| Mannitol | 0,5 % p/p |
| Total nitrogen (N) | 3,5 % p/p |
| Organic nitrogen (N) | 3,0 % p/p |
| Water soluble potassium (K ₂ O) | 2,5 % p/p |

pH = 7,5

(*) Aminogram (% w/w): ASP (0,84), GLU (5,94), SER (0,54), HIS (0,18), GLY (1,44), THR (0,65), ARG (0,48), ALA (0,69), TYR (0,12), VAL (0,55), MET (0,12), PHE (0,37), ILE (0,20), LEU (0,21), LYS (1,97), PRO (0,53), CIS (0,12), TRP (0,12).

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Moment of application

Equilibrium® is a biostimulant of foliar application that contributes to a better phytohormonal regulation of the plant in the stages of development and growth of the fruit, optimizing thus the processes of cellular division and mobilization of reserves to the growing organs.

Equilibrium® contains a balance of bioactive compounds obtained by exclusive Enzyneer® advanced technology, including L- α -amino acids, polysaccharides, betaines, glycerolipids and sterols, which exert a synergistic response in the stimulation of the aforementioned physiological processes.

Dose

| | |
|----------------------------------|---|
| Citrus | 200-300 mL / hL, 2-3 foliar applications according to varieties, first application coinciding with 50% of open petals, repeating applications every 7-10 days. At the beginning of ripening repeat application in varieties that need an increase of the caliber. |
| Fruit Trees | 250 mL / hL, 3 foliar applications, first application coinciding with full bloom, repeat applications every 7-10 days. Early varieties, can be completed with an extra application during bone hardening. |
| Table grapes / Vines | 200-300 mL / hL, 1st foliar application after sprouting with clusters of 6-9 cm. of length. 2nd at size of 3 mm of diameter and 3rd at pea size. Depending on variety, use and characteristics a 4th application can be made a in the beginning of veraison. |
| Olive Trees | 150-300 mL / hL, perform 2-3 foliar applications during the period from flowering to bone hardening (May-June). They can be matched with those made for the control of the Prays. Depending on summer and crop conditions, another application can be made at the beginning of autumn. 150-300 mL / hL, perform 2-3 applications during the period from flowering to bone hardening (May-June). They can be matched with those made for the control of the Prays. Depending on summer and crop conditions, another application can be made at the beginning of autumn. |
| Berries | 200-300 mL / hL, perform continuous foliar applications during the productive period of the crop favoring flowering, setting and fruiting. Applications can be made in fertigation with doses of 5-8 L / ha every 10-15 days. |
| Fruit Vegetables | 150-300 mL / hL, 1st foliar application at the beginning of flowering, later on repeat applications every 10-15 days depending on fruits set and development. Applicate through fertirrigation twice a month with doses of 4-6 L / ha once the crop is well rooted. |
| Leaf Vegetables | 150-300 mL / hL, 1st foliar application 2-3 weeks after transplantation and then repeat applications every 10-15 days. Applicate fertirrigation twice a month with doses of 4-6 L / ha once the crop is well rooted. 150-300 mL / hL, 1st application 2-3 weeks after transplantation and then repeat applications every 10-15 days. Applicate fertirrigation twice a month with doses of 4-6 L / ha once the crop is well rooted. |
| Industrial and fiel crops | 2-3 L / ha, foliar application under stress conditions and according to critical periods in different crops. Started moments of stem elongation , flag leaf, and during grain filling to prevent shrivelled. Or at flowering and fruit setting stages at other industrial crops. It can be applied together with herbicides and fungicides. |
| Tropical crops | 2-3 L/ha, foliar application during the productive period of the cultivation favoring the flowering, setting and fruiting. |