ACTIMOL 80

FAVORS VEGETATIVE RESTART
IMPROVES FLOWERING AND FRUIT SET
IMPROVES NITROGEN'S ABSORPTION
REDUCES NITRATES' CONTENT
ALLOWED IN ORGANIC FARMING
IMPROVES COLORING

ACTIMOL 80 is a high energy nutritional solution, to be used when support to plants is most needed. ACTIMOL 80's organic complex is made of plant extracts (20%), protein hydrolysates (20%) and polysaccharides (16%). ACTIMOL 80 contains natural growth factors, vitamins, amino acids and alginates.
This organic complex brings:
- Molybdenum, a fundamental element of the nitrate reductase enzyme, which acts as a catalyst for the first step of conversion of nitric nitrogen into nitrogen compounds, useful for the plant. This accelerates the transformation of nitric nitrogen into organic products (amino acids and proteins) which in turn translates into plant growth and abundant flowering. In addition, Mo as a cofactor is essential in case of oxidative stress: under conditions of high lighting and/or excessive light absorption (photoinhibition, photooxidation), nitrate reduction in leaves can not only use excess energy, but also alleviate the high light stress. And it is the key enzyme to catalyze the final step of abscisic acid (ABA) biosynthesis in plants
- Iron (DTPA chelated) and magnesium, which improve photosynthesis and keep the plant green and active
- Boron, which has a positive effect on cell growth and cell division, on sprouting, on pollen germination hence on the fruit set. Boron is also involved in the production of nucleic acids and hormones, in sugar storage and translocation within the plant, in carbohydrates metabolism and in nutrients' uptake (nitrogen, potassium and calcium in particular).
Foliar applications of ACTIMOL 80 translate into fast vegetative restart, more intense flowering, improved fruit set and rapid fruit growth.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Stone fruits (Nectarine, Peach, Plum, Apricot, Cherry), Olive, Pome fruits (Pear, Apple, Quince), Small fruits, Grapes, Citrus (Tangerine, Lemon, Orange, Bergamot, Clementine) e Kiwifruit	From budding to post-fruit set 2-3 applications every of 8-10 days	1-2 kg
Strawberries	From pre-flowering to post-fruit set 2-3 applications every 7-8 days	1-2 kg
Walnut e Hazelnut	From vegetative restart to fruit enlargement 2 applications every 10-12 days	1-2 kg
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	From pre-flowering to post-fruit set 2-3 applications every 7-8 days	1-2 kg
Leafy vegetables (Spinach, Celery, Escarole, Rocket, Radicchio, Lettuce, Chicory)	Starting 20 days before harvest 2 applications every 7-10 days	1-2 kg

COMPOSITION	
Magnesium oxide (MgO) soluble in water	5.00%
Boron (B) soluble in water	0.20%
Iron (Fe) soluble in water	0.30%
Iron (Fe) chelated by DTPA	0.30%
Molybdenum (Mo) soluble in water	8.00%

PHYSICO-CHEMICAL FEATURES	
SOLUBLE POWDER	
pH (sol 1%)	6.8
Conductivity E.C. µS/cm (1‰)	680
METHOD OF USE	
	Foliar fertilization

PACKAGING: 1 KG

NOTE: ACTIMOL 80 can be also successfully used in fertigation, during the phases described in the chart, with a 300-500 g/100 m^2 dose.

The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.