

Act-1

NATURAL BIOSTIMULATOR - SOIL AMENDMENT

Acts in 2 levels at the same time

Efficiency on plants

- * Fortifies the root system.
- * Enhances the defensive system of the plants.
- * Improves the natural functions which are carried out in all the parts of the plant (root, shoot, foliage, flower, fruit).
- * Promotes the earlier maturing of crops.
- * Contributes to the increase of the fruit set.
- * Reduces flower and fruit drop.
- * Increases crop yields.
- * Contributes to the improvement of the quality of the harvest (uniform and delicious fruits, gradual maturing, longer shelf life).

Efficiency on soil

- * Rejuvenates the exhausted soils due to intensive cropping.
- * Improves the structure and the physicochemical properties of the soil.
- * Increases the populations of the beneficial microorganisms that out-compete the pathogenic - harmful soil microorganisms.
- * Allows a better soil aeration and a more increased root penetration.
- * Restores the biological balance in soils that have been disinfected.



ROOT SYSTEM

without ACT-1



with ACT-1



SYNTHESIS

Monosaccharides & Oligosaccharides	6.00 %
Polysaccharides	1.50 %
Amino acids, Proteins	15.20 %
Humic acids	5.60 %
Micronutrients	0.05 %
Vitamins (Folic acid, Niacin, Riboblastin, Carotene, Tocopherols, B12, C)	40 ppm



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APPLICATION

In all cases it is applied in the soil through the irrigation - fertilization system or by drenching the zone around the roots at the following application rates :

CROPS	APPLICATIONS	APPLICATION RATES
Greenhouse crops : (Cucumber, Tomato, Pepper, Eggplant, Melon, Squash)	1 st Application : 7 - 10 days after transplanting 2 nd Application : At fruit set 3 rd Application : Every 2 - 3 weeks	1 - 3 ml per plant
Open field fruit setting crops : (Tomato, Pepper, Squash, Eggplant, Watermelon, Melon)	1 st Application : 7 - 10 days after transplanting 2 nd Application : At fruit set 3 rd Application : Every 2 - 3 weeks	1 - 2 ml per plant
Cabbage, Lettuce, Cauliflower, Broccoli, Endive, Asparagus	1 st Application : After planting 2 nd Application : 1 - 2 weeks after the first application	1 ml per plant
Strawberry	1 st Application : 1 week after transplanting 2 nd Application : At the wake up from latency 3 rd Application : After fruit set	2 - 3 ml per plant
Potato, Carrot, Beet root, Red beets	1 st Application : 7 - 10 days after planting 2 nd Application : At tuber set 3 rd Application : 10-15 days later	1 - 2 ml per plant
Parsley, Celery, Dill	Applications: Every 15 - 20 days	20 l per ha
Tobacco	1 st Application : At planting 2 nd Application : 20 - 30 days later	1 - 2 ml per plant
Cotton	1 st Application : After the 4 true leaf stage 2 nd Application : After boll set	1 ml per plant
Rice	Applications : After the emergence from the water	15 - 20 l per ha
Ornamental plants	Applications : Every 15 - 20 days	1 - 2 ml per plant
Bushes	Applications : Every 15 - 20 days	3 - 4 ml per plant
Lawn, Turf	Applications : Every 15 - 20 days	500 ml per 100 m ²
Vineyard	1 st Application : At blooming 2 nd Application : After fruit set	25 - 30 l per ha
Citrus, Kiwi	1 st Application : At blooming 2 nd Application : After fruit set	25 - 30 l per ha
Apples, Pears, Figs	1 st Application : At blooming 2 nd Application : After fruit set	25 l per ha
Apricots, Peaches, Cherries, Plums, other stone fruits	Applications : After fruit set	25 - 30 l per ha

Produced by



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