

## PROPERTIES

The product that you hold is named **Act-1** and is a solution composed of mono-, oligo- and poly- saccharides in combination with amino acids, vitamins and humic acids. **Act-1** acts on two levels, on plants and soil.

### Efficiency on plants:

- Fortifies the root system.
- Enhances the defensive system of the plants even in adverse conditions.
- 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 the crops.
- Contributes to the increase of the fruit set.
- Reduces the 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 contribute to the nutrition and the good health of the plants.
- Allows a better soil aeration and a more increased root penetration.
- Restores the biological balance in soils that have been disinfected.

SHAKE WELL BEFORE ANY USE

# Act-1

## Natural Biostimulant - Soil Amendment

### SYNTHESIS

Monosaccharides & Oligosaccharides	6.00 %
Polysaccharides	1.50 %
Amino acids, Proteins	15.20 %
Humic acids	5.60 %
Micronutrients	0.05 %
Vitamins (Folic acid, Niacin,	40 ppm

Riboblavine, Carotene,  
Tocopherols, B12, C)

### Net Content

1 l  5 l  12 l  25 l

Distributed by



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## APPLICATIONS - APPLICATION RATES

It is applied in the soil by fertigation through all irrigation/fertilization systems and also by drenching the zone around the roots at the following application rates:

*Greenhouse crops (cucumber, tomato, pepper, eggplant, melon, squash) : 1-3 ml per plant (Applications: 7-10 days after transplanting - At fruit set - Every 2-3 weeks)*  
*Open field fruit setting crops (tomato, pepper, squash, eggplant, watermelon, melon) : 1-2 ml per plant (Applications: 7-10 days after transplanting - Before fruit set - Every 2-3 weeks)*  
*Cabbage, Cauliflower, Broccoli, Lettuce, Endive, Asparagus : 1 ml per plant (Applications: After planting - 1-2 weeks after the first application)*  
*Strawberry : 2-3 ml per plant (Applications: 1 week after transplanting - At the wake up from latency - After fruit set)*  
*Potato, Carrot, Red beet, Sugar Beets : 1-2 ml per plant (Applications: 7-10 days after planting - At tuber set, 10-15 days later)*  
*Parsley, Celery, Dill : 20 l per ha every 15-20 days*  
*Tobacco : 1-2 ml per plant (Applications: At planting - 20-30 days later)*  
*Cotton : 1 ml per plant (Applications: After the 4 true leaf stage - After boll set)*  
*Rice : 15-20 l per ha (After the emergence from the water)*  
*Ornamental plants : 1-2 ml per plant every 15-20 days*  
*Bushes : 3-4 ml per bush every 15-20 days*  
*Lawn, Turfs : 500 ml per 100 s.m. every 20-30 days*  
*Vineyard : 25-30 l per ha (Applications: At blooming - After fruit set)*  
*Citrus, Kiwi : 25-30 l per ha (Applications: At blooming - After fruit set)*  
*Apples, Pears, Figs : 25 l per ha (Applications: At blooming - After fruit set)*  
*Apricots, Peaches, Cherries, Plums, other stone fruits : 25-30 l per ha after fruit set*

### COMPATIBILITY

It can be mixed with most pesticides as well as with liquid and water soluble fertilizers. In any case it is always recommended to conduct a compatibility test before mixing in the tank.

### PRECAUTION

Store it well sealed and stored in its original container. Wash thoroughly your hands after handling. Protect it from frost and keep it out of direct sun light. Harmful if swallowed. Avoid contact with skin and eyes.

KEEP OUT OF REACH OF CHILDREN