



SUPER CHARGER

American Hydroponics

SUPER CHARGER

a product of
HUMBOLDT
county

Super Charger is a vitamin packed supplement for your plants. Each capsule contains a blend of vitamins, antioxidants, peptides and trace minerals. **Super Charger** was formulated to provide your plants with the "missing link" not found in standard vegetative and bloom nutrient formulas. Though a plant will grow with the basic N-P-K, it will not achieve it's full potential unless you can provide more. **Super Charger** is key to going beyond the basic needs of your plant.

Each vitamin within a blend has a specific role. Growth regulators speed or inhibit growth at levels which can result in improper cell differentiation. Instead of adding these chemicals, we found a blend of vitamins which will effect your plant naturally.

Although Super Charger is a complex amalgam of natural constituents, a few you may be familiar with include:

Vitamin B Complex Blend:

- Aids in the metabolism of carbohydrates for plant energy
- Involved in the synthesis of antioxidants
- Component involved in the process of plant respiration

Vitamin C (ascorbic acid/ascorbate):

- Involved in protecting cell walls and the process of photosynthesis from oxidative damage due to light radiation, ozone and other environmental stresses
- Coenzyme involved in synthesis of cell wall proteins and plant hormone ethylene (aids in ripening)
- Associated with the production of ATP (plant energy)

Vitamin E (tocopherols):

- Acts as a membrane stabilizer, protecting cell membrane lipids from peroxidation
- Aids in reducing damage resulting from environmental stresses including high intensity lighting, temperature extremes, drought, inadequate nutrition, and pesticides
- Involved in the protection of vital plant cycles within chloroplasts

Selenium:

- Aids in repairing DNA
- Involved in helping to inhibit mineral deficiencies
- Needed by peptides to protect plant cell membranes and sub-cellular components

Zinc:

- Involved in the activation of many plant enzymes, including stimulation of the plants natural production of the growth hormone, auxin
- Aids process of nitrogen fixation, as well as phosphorus and potassium uptake
- Can aid root development, stem growth and production of sugars and carbohydrates within the plant

Many of the components present within **Super Charger** will reduce or neutralize the amount of environmental damage experienced by the plant. This results in more vigorous growth and an increased resistance to pests and disease.

Super Charger will take your plants to a new level of growth and vitality.

Specifications:

Hydroponic use	=	1 capsule in 30 gallons, every 10-14 days
Soil use	=	1 capsule in 5 gallons, every 10-14 days
Foilar Spray	=	1 capsule in 1 gallons, every 10-14 days
Media Soak	=	1 capsule in 16 ounces

Options:

88060	Case	(12 bottles per case)
88061	Bottle	(12 capsules per bottle)



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