

ACTIVE GROW® AMINO

100%
NATURAL

SEAWEED AMINO Refined Biostimulant With High Levels of Amino acids

ACTIVE GROW® Amino is an organic product made from Amino acids with seaweed extract, stimulating optimal biochemical metabolism and genetic expression. It delivers 9% Nitrogen from an organic source of Amino acids. Combined biochemical activities, nutrients and up-regulation of gene expression bring increased photosynthesis, increased nutrient uptake and increased anti-oxidation activity.



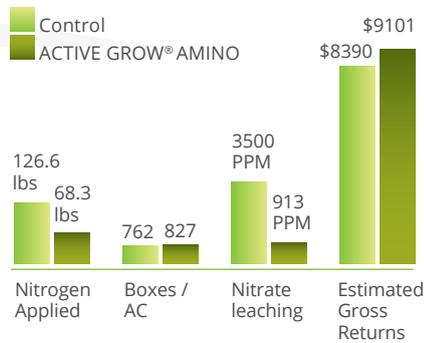
ACTIVE GROW® AMINO supports the plant immune system to induce resistance to adverse weather conditions.

BIOSTIMULANT PATHWAY
More Growth
STRESS RESISTANCE
Abiotic Stress
SOIL BIOTA PATHWAY
Soil Health Supports

BENEFITS OF USAGE

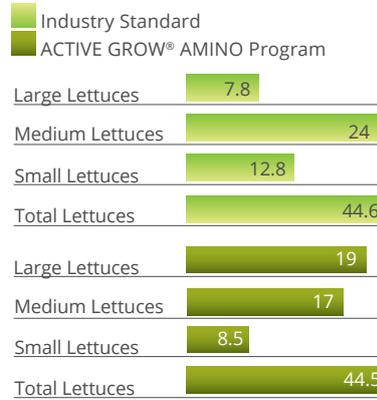
- HIGH NITROGEN LEVELS** contains more than 50% dry matter and 9% Nitrogen
- UNIQUE FEATURES** Supports assimilation of nitrogen and trace elements. Improves ripening and fruit organoleptic quality. Synergistic action with most crop protection products.
- ACTIVE** Made from fresh seaweed, not dried, to retain higher levels of plant metabolites and nutrients.
- CLEAN** Seaweed *Undaria pinnatifida* from New Zealand cold, clean and clear sea. Free of Potassium Hydroxide and Tertiary Ammonia Compounds.
- SOLUBLE** Can be added directly into fertigation systems

CAN Replacement in CA Lettuce



Conducted by Pacific AG Research : Salinas, CA

Lettuce size and total production



Conducted by Pacific AG Research : Salinas, CA

Field trial: PEACH



Conducted by LandLab, Italy

ACTIVE GROW® AMINO is an organically certified source of Amino acids for superior nutrition. Contains some of the highest concentrations of Amino acids in combination with seaweed extract.

Stress Resistance Pathways: ACTIVE GROW® AMINO helps plants resist abiotic stress such as excessive cold, drought, hail damage, maintain photosynthetic activity and enhances rapid recovery.

Biostimulating Action: It improves plant growth and supports the most delicate

phases of growth, fruit formation and fruit enlargement.

Nutritional Action: It is the ideal complement to traditional fertilisation aimed at securing high yields and quality results. Biologically active substances such as Amino acids and vitamins can enhance photosynthesis and plant physiology. The chelating nature of seaweed helps plants absorb Amino acids through leaves and rhizosphere, making organic nitrogen an efficient nutrient option for growers.

Osmoprotectant Action: Amino acid Hydrolysate works with other Amino acids to heighten osmoprotectant activity in plants by protecting cell membranes and proteins from the effects of denaturants, both high and cold temperatures and saline stress.

High Compatibility: Can be applied together with standard nutritional and phytosanitary treatments to enhance their absorption and effectiveness. However, care should be taken to avoid tank mixing ACTIVE GROW® AMINO with copper.

SUGGESTED APPLICATIONS RATE

Recommendations for Foliar or Fertilization application.

Field Crops: 4-8 l/ha. From stem elongation to booting.

Fruit Trees and Plantations: 8-16 l/ha. Prior the flowering initiation, fruit set, then ones in 2 weeks.

Olive Trees: 15-25 l/ha. Every 14 days during the greatest vegetative growth periods.

Greens and Nurseries: 8-16 l/ha. Every 14 days in full vegetative growth.

Leafy Vegetables: 10-20 l/ha. Every 14 days from the first green leaves.

Vegetables: 10-25 l/ha. Every 8 to 12 days from transplant to full production phase.

Tank mix at 16°C (or above) water temperature for full dissolution.

The ACTIVE GROW® AMINO is recommended to be applied by itself or mixed with the soluble fertilizer applied.

MAIN COMPONENTS:

- Seaweed (*Undaria pinnatifida* from New Zealand sea)
- Amino acids (animal protein hydrolysate)

Dry Matter: > 50%, pH: 5.4

Composition	mg/l*
N	8.5-9.2%
Ca	0.49%

* Variability can occur as the product is organic

