

# EM<sup>®</sup>

## *Amino*

*L-Amino Acids are scientifically proven to bio-actively reduce crop stress, increase nutrient uptake and increase plant energy production.*



High in Glycine | Chelation effect | Contains plant available L amino acids  
Plant derived amino acids | Stimulates chlorophyll & protein synthesis | Enhances plant and fruit growth  
Stimulates microbial activity | Prevents disease through competitive exclusion

EM Amino is a full spectrum L-Amino acid that is plant derived making it highly available to all agricultural crops. Its unique combination includes a range of beneficial biology, trace minerals, carbohydrates and enzymes. Plants gain their proteins from amino acids that are produced via complex biochemical processes

that consume vast amounts of energy within the plant. EM Amino provides plants with 19 of these amino acids with saved energy diverted to enhancing plant performance. EM Amino can be foliar or soil applied on its own or with fertiliser and crop protection products.




## RESEARCH

### INFLUENCE OF DIFFERENT CONCENTRATIONS OF AMINO ON YIELD COMPONENTS OF CUCUMBER\*

	N %	P %	K %	CA %	MG %	B mg/kg	NA %
<i>DESIRED TISSUE LEVELS</i>	5	0.6	4.5	1.8	0.3	40	0.1
CONTROL	5	0.7	3	1	0.3	46	0.8
AMINO SOIL APPLIED	5.2	0.7	4.2	1.9	0.7	90.9	0.4
% VARIATION CONTROL V TREATED	<b>+4</b>	<b>0</b>	<b>+40</b>	<b>+90</b>	<b>+133</b>	<b>+98</b>	<b>-48</b>

\* All plots received same rate of fertiliser



## COMPOSITION

Ingredients: Amino acids (10%), N (2%), Sugars (10%), Organic Carbon (15%), EM, Trace Minerals, Enzymes.

## APPLICATION RATE AND TIMING

COMMENCEMENT OF FLOWERING	1-2%
FRUIT SET	1-2%
KEY PERIODS OF TEMPERATURE STRESS	1-2%
WITH NUTRIENT APPLICATIONS	1-2%

Call EMNZ for specific crop recommendations.

## ABOUT EMNZ

We manufacture microbial products based on EM technology. EM is a unique combination of bacteria, yeasts and fungi used to activate and balance the naturally diverse microbiology in nature. EMNZ is a company focused on developing sustainable products for New Zealand, selling products to the agriculture, viticulture, and horticulture industries. Our philosophy is to promote the use of microbial products to boost production. EMNZ work with both biological and chemical based systems to enhance rather than negatively impact the environment.



## CONTACT

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