



GC N-Capture Soluble

Free Amino Acids with nano encapsulated technology powered by N-Capture

GC N-Capture Soluble is a powerful package of free L-amino acids, prebiotics and probiotics designed to stimulate soil biological activity with nitrogen fixing bacteria (*Azotobacter chroococcum*)

Key Product Attributes

Contains nitrogen fixing bacteria that live on the foliage and in the root zone and capture nitrogen from the atmosphere and soil to provide a steady and constant supply of nitrogen to the plant.

Soluble powder consisting of free L-amino acids derived from hydrolysed proteins, encapsulated with phospholipids for maximum stability of cell membranes.

Pre and Probiotic package to help sustain the bacteria at the leaf and soil level, powered by EAMSOC (Easily Assimilable Microbiome-Stimulating Organic Carbon) to increase the activity of nitrogenase enzymes.

56% of amino acids selected to boost atmospheric nitrogen fixing bacteria.

Contains sulphur oxide, soluble iron, calcium and phosphorous to facilitate the production and functioning of enzymes dealing with nitrogen fixation and assimilation by the crop.

Azotobacter Chroococcum Iссasi P205 is also able to solubilise phosphates and produce phytohormones, like gibberellins, auxins and cytokinins.

Main Use

Improves nutrient efficiency of the plant, resulting in greener, healthier plants and better yields.

To enhance the resistance of crops to abiotic and biotic stresses during the vegetative stage (frost, drought, heat etc).

To support early plant development by the fixation of atmospheric nitrogen and reduce the need of conventional nitrogen fertilisers.

Stimulate early root and canopy development in new and established crops, especially during stressful growing conditions.

Application rates

Apply GC N-Capture Soluble from the beginning of the growing season to support early vegetative and root growth with extra nitrogen. It is compatible with most pesticides. It can be used in all crops (except plums) along the season. Foliar: 0.5 to 1 kg/ha. Soil: 2 to 5 kg/ha. Do not mix with copper-containing products.

Analysis (w/w)

Free Amino Acids	56%
Total Nitrogen (N)	11%
<i>Azotobacter Chroococcum</i> Iссasi P205	1×10^7 CFU/ml
pH	5
Aminogram: Ala, Arg, Asp, Cys, Gly, Glu, Hyp, His, Iso, Leu, Lys, Met, Phe, Pro, Set, Tyr, Thr, Val	