

AMINOTAL SUPER

High Concentration Free Amino Acids

GUARANTEED CONCENTRATIONS

Free Amino acids	30.0% w/w = 36.9% w/v
Total Nitrogen (N)	9.0% w/w = 11.07% w/v
• Ammoniacal Nitrogen	3.6% w/w = 4.43% w/v
• Organic Nitrogen	5.2% w/w = 6.4% w/v

Soluble Liquid (L.S.)

Present amino acids:

ASP – VAL – GLU (9,0%) – PHE – SER – ILE – GLY – LEU – THR – LYS – ARG – HIS – ALA – PRO – TYR – HYP – MET

PROPERTIES AND APPLICATIONS

AMINOTAL SUPER is a Bioactivator made out of free amino acids obtained by acid hydrolysis. The elements contained in this product work both activating the biological processes of the plant and as a fast supply source of Nitrogen. It contains a balanced aminogram that allows its use at any time during the crop development.

AMINOTAL SUPER improves the assimilation of other mineral nutrients (Nitrogen, Phosphorus, Potassium, trace elements, etc.), and also intensifies the action of fungicides, insecticides and contact weedkillers, so its application along with them is recommended.

AMINOTAL is specially recommended in cold periods, as it promotes and speeds up the crop development, reinforcing the plants vigour and improving their resistance to cold and certain diseases. It is also recommended in order to promote the crop development during its first stages (young plants

or recently transplanted), during critical stages of growth and to face stress situations.

CROPS

AMINOTAL SUPER is recommended for all kinds of crops: Fruit trees (pip and pit fruits), citrus, horticultural, cereals and ornamental crops.

APPLICATION AND DOSAGE

Because of its totally assimilable formula, AMINOTAL SUPER can be applied by foliar or root feeding using any kind of irrigation system. It can be used along with phytosanitary products. It is also recommended to use it along with a nutritional product adapted to the crop's needs. Avoid its use during high insolation hours. General application dosages: Foliar (with 15 to 21 days interval): 50-150cc/100 liters of water. Root: 5-6 L/Hectare and crop cycle distributed in several applications with 15 to 21 days interval.

CROPS	DOSAGE Foliar application	NUMBER OF APPLICATIONS/ FREQUENCY
Horticultural Greenhouse	100 - 150 cc/100L	2 – 4 applications, active growth and along with phytosanitary products.
Horticultural open field	50 - 100 cc/100L	2 – 4 applications, active growth and along with phytosanitary products.
Citrus and subtropical crops	100 - 150 cc/100L	Pre blooming, petal fall and during fruit formation.
Fruit trees, olive trees and vines	50 - 150 cc/100L	Sprouting, pre blooming, fruit formation and veraison.
Cereals and ornamentals	125 - 150 cc/100L	2—4 applications, along with post-emergency weedkillers, at beginning and end of tillering.
Fertirrigation		5 to 6 L/Hectare

*Use the lowest dosages on lettuce and escarole.
*Don't use on cherry trees or plum trees.

INCOMPATIBILITIES

AMINOTAL SUPER is compatible with most of the available fertilizers and phytosanitary products, even though it is advisable to perform a previous test. Don't mix with oils, nor with alkaline or copper solutions, except on olive trees, where it can be used along with copper, use minimum dosage with sulphur.