



Nature's Choice AMINO+

+22% Amino Acids



Nature's Choice Amino+ is a highly recommended addition to your standard fertilizer and crop protection schedule to increase plant productivity, nutrient uptake, stress tolerance and crop quality. Thanks to our unique natural enzymatic hydrolysis process, Nature's Choice Amino+ contains high levels of 20 different free L-amino acids which are essential for all living beings including plants. They are the basic building blocks of proteins and enzymes, playing a key role in plant cell energy management and performing various regulatory functions.

Nature's Choice Amino+ performance mainly comes from the regulatory functions of amino acids. Plants are able to produce amino acids themselves, but this process consumes a lot of energy. By applying Nature's Choice Amino+, your crop will save this energy and boost crop performance. The saved energy can be used for vigorous growth, flowering, strong root development, darker leaves, fruit setting and increased quantity and quality of yield.

Benefits

- Gives the crop a boost during the growth phase
- Increases crop quality
- Increases efficiency of foliar applications
- Protects the crop against abiotic stress
- Reduces stress when added to crop protection products
- Broadest spectrum of free L-amino acids

Advice

It is advisable to use Nature's Choice Amino+ in periods when the crop needs a stimulus:

- At the start of the cycle of the plant
- At moments when plants need extra energy
- When plants are exposed to unfavorable conditions
- At pre-flowering and fruit set
- At fruit development
- Improving plant growth at critical periods

Application

Amino acid molecules contain an average 16% of nitrogen. Nitrogen fertilizers are mainly used for production of amino acid by the plant. This means that you can replace nitrogen requirements by feeding your plant with Nature's Choice Amino+. You replace an input with a negative effect on the environment for an organic/natural product certified for Organic Agriculture. Nature's Choice Amino+ is liquid and soluble so it can be applied to the crop by foliar treatment or through drip irrigation. When applied via irrigation its efficiency is higher in drip system. The product enters the soil and increases amino acid uptake by the roots. It also improves soil conditions, boost soil life and availability of minerals to the plant. For quick crop response apply as foliar treatment frequently during the growth cycle of the crop. Amino+ can be sprayed on the leaves together with most liquid fertilizers and plant protection products to increase efficiency and reduce negative effects.

the natural way of growing!



Scan me

Aminogram Nature's Choice Amino+ +22% Amino Acids (15% L-Amino Acids)

Alanine	11,28	Lysine	14,16
Algrinine	4,64	Methionine	4,4
Aspartic acid	11,4	Phenylalanine	7,76
Cystine	0,4	Proline	8,56
Glutamine	13,28	Serine	8,56
Glycine	7,52	Taurine	0,88
Histidine	4,72	Threonine	9,5
Hydroxyproline	0,35	Tryptophan	1,8
Isoleucine	8,48	Tyrosine	7,04
Leucine	16,64	Valine	10,88

* Plant absorbable L-Amino Acids

**Unit: g/kg

Guaranteed analysis Nature's Choice Amino+ +22% Amino Acids

Nitrogen (N total)	3,7%
N Organic	3,7%
Total Amino Acids	22%
Plant absorbable Amino Acids	15%
Organic Matter	25%
pH	4,8 - 5,8
Organic carbon	15%
Fulvic Acids	1%
Dry matter	32%

*Organic origin, this can cause a deviation up to 15%

Application advice

Crop	Application rate	Application time	Biological effect
Vegetables & berries	Foliar: 2-3 L/ha Drip: 3-6 L/ha	Just before or after transplanting at pre flowering and fruit setting	Increased flowering and fruit setting and a more uniform crop in early production
Potatoes	Foliar: 3 L/ha Drip: 2-4 L/ha	Add to post emergence herbicides, pesticides, at vegetative growth stage, tuber initiation and tuber set	More even tuber size and reduce negative effect of pesticides
Forage	Foliar: 1-2 L/ha	Every 3-4 weeks	Shorter growth cycles, root recovery and increased protein content
Cereals and rice	Foliar: 1-2 L/ha	During important growth stages, i.e. booting, flower set, before/during stress moments	Increased resistance for abiotic stress, enhanced growth in spring and increased effectiveness of pesticides
Fruits	Foliar: 2-3 L/ha Drip: 3-6 L/ha	Before flowering and fruit setting. After harvest	Increased flower setting, fruit quality and recovery after harvest
Ornamental plants	Foliar: 2-3 L/ha Drip: 2-4 L/ha	Every 14 days	Increased sturdiness and improved leaf and flower color
Seedlings	Foliar: 1-2 L/ha Drip: 2 L/ha	Every 14 days until transplanting	Healthier plants, better root development and reduce transplanting stress
Grapes	Foliar: 2-3 L/ha Drip: 3-6 L/ha	Before flowering and fruit setting. After harvest	Increased fruit setting and improved grape colour, fruit uniformity and sugar content
Abiotic stress relieve	Foliar: 2-4 L/ha* *Combine with 1-3 L/ha Fulvic+	Apply at any stress cause. Repeat every 7 days until end of stress period	Increasing stress tolerance due to amino acids
All crops	Foliar 1-2 L/ha	Add to plant protection products	Reduce negative effects of plant protection products on the crop

* Minimal dilution 1:20

** The exact dosage depends on local soil & weather conditions

Transport & storage

Store the product dry, frost-free and out of direct sunlight. During big and/or sudden temperature changes, crystals may form.

This product does not contain preservatives, this can cause instability during (long-term) storage. Shake or stir before use to prevent thickening.

Health and safety information

Not intended for ingestion. Wash hands after use. Wear protective clothing while using this product. In case of accident or if you feel unwell, seek medical advice.

KEEP OUT OF REACH OF CHILDREN



HORTILAND
www.hortiland.nl



Scan me