



Liquid
Organic
Fertilizer

Nature's Choice Liquid 7-2-2
Product sheet



HORTILAND



Nature's Choice Liquid 7-2-2 +21% Amino Acids



Fruits



Potatoes, tubers
and root crops



Vegetables



Cereals
and rice

Nature's Choice Liquid 7-2-2 can be applied to all types of crops, it is extremely effective for plants during fast vegetative growth. Nature's Choice Liquid 7-2-2 contains a sophisticated combination of fast and slow releasing nitrogen. This makes the liquid fertilizer able to stimulate the plants health and soil life for more than three weeks. The product contains macro and micro elements, as well as amino and humic acids. It can be applied through flood irrigation and drip irrigation but the most effective way to apply this fertilizer is foliar application. Nature's Choice Liquid 7-2-2 performs best when applied at the beginning or during crucial moments in the crop growth cycle. In periods when the plant requires high levels of nitrogen, this fertilizer is the best choice to provide the plant some extra energy and boost the plant's growth. This product contains 13% free amino acids - which are easily absorbed by the plant and used as a nitrogen source. Amino acids are easily available and in contrast with inorganic N (NO₃) these amino acids can directly be used by the plant as building blocks for proteins.

Benefits

- Fertilizer and biostimulant in one product
- Provides quick nitrogen effect by foliar application
- Less leaching of precious minerals
- Fast available nutrients when foliarly applied
- Improves soil life
- Increased resistance and recovery to abiotic stress

Advice

It is advisable to use it in periods when the crop needs a boost, such as:

- At the beginning of the growth phase
- During periods of abiotic stress
- During crucial moments in the growth cycle
- Stimulates vegetative growth without weakening the plants

Application

Foliar application of Nature's Choice Liquid 7-2-2 has the fastest effect on the crop. The nitrogen is easily absorbed by the leaves and the trace minerals are also immediately available to the plant. This effect strengthens the plant. In the soil these minerals could be trapped and made inactive by soil particles, however, when foliarly applied they are directly available to the plant during key growth periods. This liquid fertilizer can also be applied through drip irrigation and it will not block inline filters. Providing plants with nutrients through drip irrigation will increase the plants performance and yield. Nutrient delivery by drip irrigation increase nutrient uptake efficiency (compared to solid fertilizer). Nutrients are directly available in the active root zone of the plants and quickly absorbed by the plant. This limits leaching of mobile nutrients like N and K but also enhances availability of less mobile nutrients like P. The nitrogen in this fertilizer contains fast available N and slower released N making it useful for a longer period in the soil both feeding the plant and essential soil organisms. Apply product within 4-6 hours after preparation. Clean the spraying tank before and after application when foliarly applied. It is compatible with most commonly used fertilizers and plant protection products, however do not mix with copper fertilizers, sulphur based products, alkaline products or oil based products.

the natural way of growing!



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Aminogram Nature's Choice 7-2-2 +21% Amino Acids (13% L-Amino Acids)

Alanine	15,4	Leucine	<0,5
Algrinine	1	Lysine	0,7
Aspartic acid	22,9	Methionine	<0,5
Cystine	<0,5	Phenylalanine	<0,5
Glutamine	50	Proline	29,7
Glycine	0,7	Serine	0,9
Histidine	<0,5	Taurine	0,7
Hydroxyproline	<0,5	Tyrosine	0,5
Isoleucine	1,1	Valine	1,1

* Plant absorbable L-Amino Acids

**Unit: g/kg

Guaranteed analysis Nature's Choice 7-2-2 +21% Amino Acids

Nitrogen (N total)	6,8%
Phosphorus (P ₂ O ₅)	2,2%
Potassium (K ₂ O)	2%
Total Amino Acids	21%
Plant absorbable L-Amino Acids	13%
Organic Matter	50,9%
pH	5,5-6,0
Magnesium (MgO)	0,2%
Calcium (Ca)	0,2%
Sulfur (SO ₃)	4,3%
Trace elements	Fe, Zn, B, Mn, Cu, Mo

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

Application advice

Crop	Application rate	Application time	Biological effect
Vegetables & berries	Foliar: 3-5 L/ha Drip: 5-10 L/ha	Just after planting the seedlings, again after 7 days and then repeat every 15-20 days days prior to flowering	Increased flowering and fruit setting and a more uniform crop in early production
Potatoes	Foliar: 3-5 L/ha Drip: 5-10 L/ha	Start when the plants are approx. 15 cm high and repeat every 20-25 days	Increased productivity and a more even tuber size
Forage	Foliar: 2-4 L/ha	Every 3-4 weeks	Shorter growth cycles, root recovery and increased biomass
Cereals and rice	Foliar: 2-4 L/ha	During important growth stages, i.e. booting, flower set, before/during stress moments	Increased resistance for abiotic stress, better functioning of the stomata and increased effectiveness of pesticides
Fruits	Foliar: 3-5 L/ha Drip: 5-10 L/ha	Every 15-20 days, starting before flower setting	Increased flower setting, fruit calibre and weight and an improved absorption of deficiency correctors
Ornamental plants	Foliar: 3-5 L/ha Drip: 5-10 L/ha	Every 14 days	Increased sturdiness and improved leaf and flower color
Seedlings	Foliar and drip: 2 L/ha	Every 14 days until transplanting	Healthier plants and better root development.
Grapes	Foliar: 3-5 L/ha Drip: 5-10 L/ha	Apply during flowering, after flowering and at the beginning of fruit growth	Boost vegetative crop growth without weakening the plants. Improved leaf and flower color, fruit uniformity and sugar content
Abiotic stress relieve	Foliar: 3-5 L/ha* *Combine with 1-3 L/ha Fulvic+	Apply at any abiotic stress cause. Repeat every 7 days until end 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



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