

بایو نانو تکنولوجی

BIO NANO TECH

For Fertilizers Development

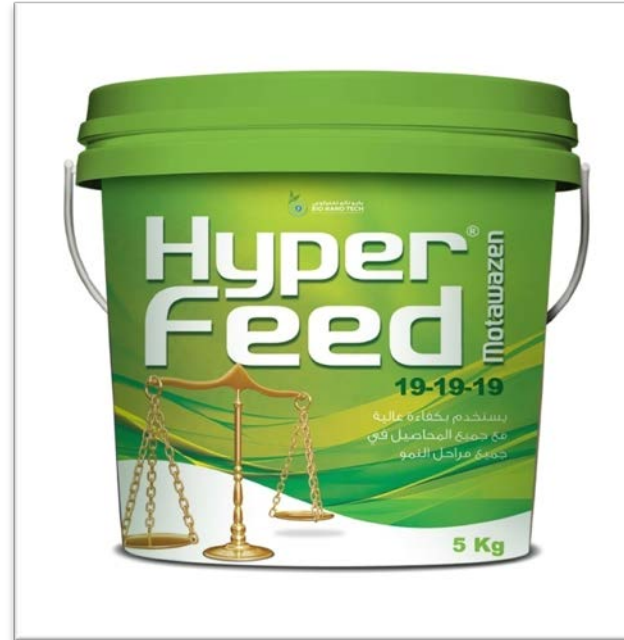
NPK Fertilizers by Nano Technology



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Contents	%
Total Nitrogen	19%
P ₂ O ₅	19%
K ₂ O	19%
Fe	0.48%
Mg	0.80%
Mn	0.24%
Zn	0.35%
B	0.05%
CU	0.08%
Amino acids	1.10%
Algal extracts	0.52%
Mo	100 ppm
Co	100 ppm

HYPER FEED 19-19-19



- ▶ Product contains fertilizer elements with Nanotechnology
- ▶ Fertilizer Product with balanced formulation of major elements and micro elements in the form of a thick liquid form



Contents	%
Total Nitrogen	10%
P ₂ O ₅	8%
K ₂ O	36%
Fe	0.50%
Mg	0.90%
Mn	0.25%
Zn	0.25%
B	0.05%
CU	0.08%
Amino acids	1.50%
Algal extracts	0.62%
Mo	100 ppm
Co	100 ppm

HYPER FEED SOLO

10-8-36



- ▶ Product contains fertilizer elements with Nanotechnology.
- ▶ Fertilizer product with high potassium supported by major, micro and rare elements in thick liquid form



Contents	%
Total Nitrogen	6%
P ₂ O ₅	40%
K ₂ O	12%
Fe	0.580%
Mg	0.80%
Mn	0.15%
Zn	0.35%
B	0.05%
CU	0.08%
Amino acids	1.50%
Algal extracts	0.50%
Mo	100 ppm
Co	100 ppm

HYPER FEED DRIP

6 - 40 - 12



- ▶ Product contains fertilizer elements with Nano technology
- ▶ Fertilizer product with high phosphorus supported by major, micro and rare elements in thick liquid form



HYPER FEED NITRO

Contents	%
Calcium	10%
Nitrogen	10%
Magnesium	2%
Boron	0.05%
Organic substances	0.80%



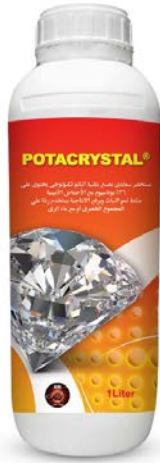
- Fertilizer product manufactured by Nano Technology
- contains calcium, magnesium and boron in thick liquid form



Major Elements



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POTA CRYSTAL

Content	%
Potassium (K ₂ O)	36%
Amino acids	5%
Vitamins	1%
Nitrogn	5%
Phosphor (P ₂ O ₅)	2%
Micro elements (Boron - Zinc - Manganaz - cobalt - molybdenum)	2%

- ▶ Fertilizer Product manufactured by Nanotechnology contains 36% potassium with amino acids.
- ▶ Stimulates plant growth and increase productivity.
- ▶ used by spraying on leaves.





KALMAGBOR

- ▶ Fertilizer Product manufactured by Nanotechnology contains Calcium, Magnesium, Boron.
- ▶ Treats lack of Calcium, Magnesium, Boron, helps to prevent damages through botrytis or peduncle rot in vine.
- ▶ Enhance growth of meristem, provides regular symptoms and fruit setting.

Content	%
Calcium	15%
Magnesium	2%
Boron	1.5 %
Amino acids	5%
Nitrogen	10%





PHOSPHO ONE

- ▶ Fertilized Product manufactured by Nanotechnology
- ▶ contains 40% phosphorus and 28% Potassium with amino acids
- ▶ Stimulates plant growth and increase productivity.
- ▶ used by spraying on leaves

Content	%
Total phosphorus (P ₂ O ₅)	40%
Potassium (K ₂ O)	28%
Amino acids	5%
Algae extract	2%
Vitamins	1%
Total nitrogen	5%





CETRONA

High source of potassium,
and saving in water needs.

Content	%
Potassium	55%



*Fertilizers with Fungicides
Insecticides effect*



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NANO CU

- ▶ Copper product manufactured by Nanotechnology
- ▶ used as fungicide and bactericide
- ▶ contains copper in the form of Nano particles,

Content	%
Nano Copper	10%
Adjuvants and chelating materials	90%
Total	100 %





SHIELD PLANT

- ▶ Copper product manufactured by Nanotechnology
- ▶ contains antibiotics used as fungicide and bactericide
- ▶ contains copper in the form of Nano particles

Content	%
Copper	3%
Potassium Silicate	5%
wide range Antibiotics	30%



MYCOVIT S



- ▶ Used to treat powder mildew , Icarus or Mite, crease leaves in apricot and scabies in citrus

Content	%
Calcium thiosulphate	28.5%
α -amino- γ - methyl-3 -thio-butiric acid	2.5%
Potassium Silicate	10%
Inert material	59%



ZENGA



- ▶ Copper product manufactured by Nanotechnology used as fungicide and bactericide contains copper in the form of Nano particles in addition to metalaxil and mancozeb in a unique formulation.

Content	%
Copper	10%
Mitalaxil	5%
Mancozeb	30%



ABACTI



Content	%
Abamectin	2%

- ▶ Product contains natural Abamectin derived from aktinomysets fermentation
- ▶ used as Insecticide and in treatment of Icarus.



FREE LAND



- ▶ Copper product manufactured by Nanotechnology
- ▶ to resist soil fungi
- ▶ used efficiently with fruit trees and vegetable crops in open fields and greenhouses

Content	%
Nano copper	10%
wide range Antibiotic	10%
Adjuvants and chelating Materials	80%
Total	100%



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PH5

Contents

Publisher materials .

Materials is working to adjust the number of PH.

- index number for the self-PH.
- materials for removing water hardness.

materials Nano size to increase the permeability

- ▶ Organizer for pH and water hardness , chemical product
- ▶ Used to solve all the problems of spraying water
- ▶ Increase the effecting of fertilizers and pesticides



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Micro Elements With Nano Technology



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ORGLAND



Content	%
Iron	4%
Manganise	2%
Zinc	2%
Boron	0.2%
Molybdenum	0.1%

- ▶ Iron chelated compound ($200 < MW < 2000$).
- ▶ Secreted by microorganisms such as bacteria and fungi and many plants in order to get access to iron.



SUPER IRON



- ▶ Fertilizer product contains 6% Iron chelated with amino acids and cidroforse technology
- ▶ Is used for the treatment of iron deficiency and stimulates plant growth

Content	%
Iron	6%
Amino Acids	5%
Cydroforse & Organic Acids	25%



SUPER ZINC



- ▶ Fertilizer product contains 10% zinc chelated with amino acids and cydroforce technology is used for the treatment of zinc deficiency and stimulates plant growth

Content	%
Zinc	10%
Amino Acids	5%
Cydroforce & Organic Acids	25%



SUPER MANGANESE

- ▶ Fertilizer product contains 10% Manganese chelated with amino acids and cydroforce technology is used for the treatment of Manganese deficiency and stimulates plant growth deficiency



Content	%
Manganese	10%
Amino Acids	5%
Cydroforce & Organic Acids	25%



BORAN

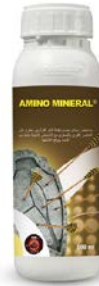


- ▶ Fertilizer product manufactured by Nanotechnology contains 10% boron, molybdenum with amino acids

Content	%
Amino Acids	10%
Vitamins	1%
Boron	10%
Molybdenum	0.05%



AMINO MINERAL



Content	%
Amino acids	5%
Algae extract	5%
Vitamins	1%
Nitrogen	8%
Phosphor (P ₂ O ₅)	5%
Potassium (K ₂ O)	3%
Micro elements (Iron - Zinc - boron - Manganise - cobalt - Copper - molybdenum)	10%

- ▶ Fertilizer product manufactured by Nanotechnology
- ▶ contains major and micro elements with amino acids.
- ▶ Stimulates plant growth and increase productivity used by spraying on leaves, Used with all crops for the prevention of deficiency elements or when the symptoms of deficiency of one or more elements



Vital Pesticides



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FORNEM X5

- ▶ Biological product used to treat all kinds of Nematode diseases with low cost in comparison with chemical products

Rhodotorula pustula cuf/ml	2X10 ³
Serratia entomophila cuf/ml	6X10 ³
Serratia marcescens cuf/ml	9X10 ⁸
Pseudomonas fluorescens cuf/ml	3X10 ⁵
Pseudomonas putida cuf/ml	3X10 ³



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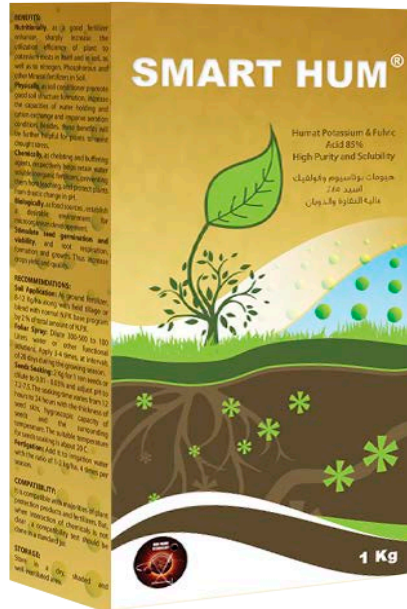
Soil Amendments



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SMART HUM

- ▶ Humat potassium and folic acid 85% with high purity and solubility



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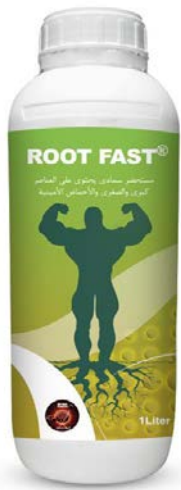
ACTIVE HUMIC



- ▶ Fertilizer product with high quality fully dissolved in water
- ▶ contains 10% humic, algae extract and amino acids which activate plant growth and increase productivity
- ▶ used with irrigation water for all kinds of crops

Content	%
Amino acids	5%
Algae extract	2 %
Vitamins	1%
Potassium (K ₂ O)	6%
Humic and fulvic acid	10%





ROOT FAST

- ▶ Fertilizer product contains major and micro elements, amino acids, algae extract in addition to the rare elements necessary for the growth of the plant's root system, which helps for the leaf growth and increases the activity of vital functions in the plant

Content	%
Amino acids	3.5 %
Vitamins	5.0 %
Algae extract	10 %
Biosak	10 %
Triple carboxyl acids	1.0%
Catalysts for the growth of roots	0.2 %
Boron	0.5 %
Zinc	0.5%





HYPER TONIC

- ▶ Product contains 10% Calcium , Algae extract, Biosac and Carboxylic acids which has a big role in the treatment of soil salinity and decreases the side effects of soil salinity and Drought

Content	%
Calcium	10 %
Algae extract	10 %
Biosak	5 %
Carboxylic acids	%15



Growth Stimulants



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AMINO LEX STAR

- ▶ Fertilizer Product manufactured by Nanotechnology
- ▶ contains 25% amino acids with major and micro elements.
- ▶ Stimulates plant growth and increase productivity used by spraying on leaves.

Content

%

Amino acids	25%
Algae extract	5 %
Vitamins	1 %
Nitrogen	6%
Total phosphorus (P2O5)	3%
Potassium (K2O)	2%
Micro elements	2%

(Iron - Zinc - Boron - Manganese - Cobalt - copper - Molybdenum)



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Content	%
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Amino acids	3%
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Algae extract	4%
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Nitrogen	7%
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Phosphor	6%
----------	----

Potassium	7%
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Iron	1.5%
------	------

Zinc	1%
------	----

Mangense	1%
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Magnesium	2.5%
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Boron	0.25%
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Molybdenum	0.1%
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Copper	0.2%
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Silicon	0.2%
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Cobalt	0.01%
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FAST TRI VOLUME

- ▶ Fertilized Product manufactured by Nanotechnology contains a major and micro and rare elements with amino acids
- ▶ Contains everything a plant needs for a steady growth in a perfect way without using hormones
- ▶ Contains precursors of hormones



STIMULANT



- ▶ Fertilizer Product contains amino acids , cytokine and natural oxins which has a big rule in plant and seed growth.
- ▶ Has a big role in the period of fruit setting.

Content	%
Amino acids	4.9%
Cytokinin and natural oxins	2%
Vitamins	2%
Zinc	1.5%
Boron	1%
Magnesium	2%



GEBRO CIT

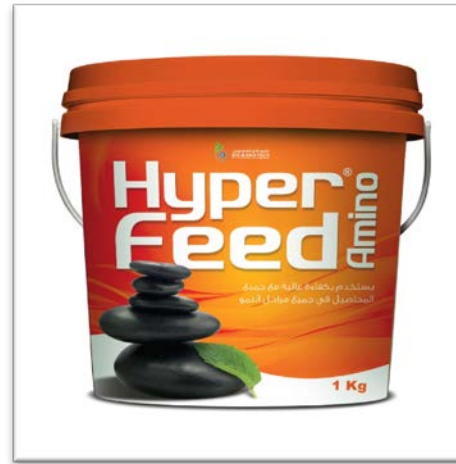


- ▶ Contains 2.5% Gibberellic acid and Cytokine and Oxins to reduce the risk of cell prolongation caused by Gibberellic.
- ▶ Used to stimulate fruit setting and increase the size and improve the qualities and prolong the period of storage on trees.

Content	%
Gibberellic	2.5%



HYPER FEED AMINO



- Fertilizer product manufactured by Nano Technology with balanced formulation of Major elements , micro and rare elements .
- Used by spraying on leaves .

Content	%
Total Nitrogen (N)	19%
P ₂ O ₅	19%
K ₂ O	19%
Fe	0.5%
Mg	1%
Mn	0.25%
Zn	0.35%
B	0.1%
CU	0.1%
Algal extracts	5%
Amino acids	0.5%



HYPER FEED NITRO

Content	%
Calcium	10%
Nitrogen	10%
Magnesium	2%
Boron	1%
Organic Substances	25%
K ₂ O	8%



- Nanotechnology fertilizer product contains calcium, magnesium and Boron in an easy and quick absorption form
- Used by spraying on leaves .

