



GOLDEN PLANT

FOR FERTILIZERS



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GOLDEN PLANT RANGE OF SUSPENTION

GOLDEN PLANT range of Suspension NPK fertilizers is rich in basic nutritional elements and strongly enriched with trace elements. It is suitable for all crops, during all stages of plant growth. The range of Dense liquid NPK fertilizers provides an additional source of nitrogen, phosphorous and potassium during the growing season. It is manufactured by use of high quality raw materials to provide a very agronomically efficient source of N-P-K. The quality of the raw materials used to formulate the range of Dense liquid NPK fertilizers maximized plant nutrient solubility.



12 - 50 - 12

20 - 50 - 10

10 - 10 - 40

40 - 10 - 10

20 - 20 - 20

00 - 50 - 30

GOLDEN PLANT SOL RANGE

GOLDEN PLANT Sol range includes %100 water soluble fertilizers enriched with trace elements in EDTA form. Chelan Sol water-soluble fertilizer are manufactured with the highest quality and pure source of raw materials. They are used to solve nutritional problems of soil irrigation and satisfy the demand of nutrients for all plant. The range is capable to cover the plant nutrition needs from beginning until harvest and completion of the annual biological cycle. Properties and characteristics:

- Suitable for all soil irrigation techniques
- Lowers the pH of solutions to acid values
- Free of impurities, chlorine, sodium and heavy metals
- Low salinity
- Low levels of biuret
- Micronutrients in the fully chelated from EDTA
- 100 % soluble in water
- Water soluble fertilizers



19 - 19 - 19
20 - 20 - 20
20 - 10 - 20
15 - 30 - 15
12 - 50 - 12
12 - 12 - 36
12 - 61 - 00
00 - 52 - 34

GOLDEN PLANT BOZIN

GOLDEN PLANT BOZIN contains Boron (B) and Zinc (Zn) in partial chelated (EDTA) form. Bozin is formulated with nutrient sources that encourage rapid absorption, assimilation and crop safety.

It's special formulation, guarantees healthy flower formation and improvement of pollination and fertilization as well.

Bozin improves root development and crop emergence and provides auxin (growth hormone) synthesis.



ANALYSIS %	W/W
Boron B	15
Zinc Zn*	3

*EDTA form

GOLDEN PLANT CAL TONI

GOLDEN PLANT CAL TONIC is an organic fertilizer for fertigation, rich in assimilative and absorbable calcium. It is suitable for all crops, at all stages of growth.

Rich (%32) in organic substances (aminoacids, proteins, betains, mono-,oligo- and polysaccharites, enzymes, vitamins) and trace elements as well, helps confronting unfavorable growth conditions, improves cells division, root tips formation and absorption of potassium and magnesium as well.



ANALYSIS %	W/W	W/V
Nitrogen N	5	6.6
Ureic N	5	6.6
Calcium CaO	4	5.3
Organic matter	24	32

Polysaccharides, oligosaccharides,
(amino acids, peptides, other non
nitrogen organic matter, vitamins)

GOLDEN PLANT CABOZIN

GOLDEN PLANT CaBozin is a fertilizer consisting of calcium, boron and zinc, enriched with organic substances which guarantee the stability of the above trace elements in the spraying solution.

This specific composition secures both high assimilation rate and plants fast response.

The high conciseness of calcium and its synergism with boron and zinc makes this fertilizer a powerful tool for rooting, fruit setting and prevention of Calcium, Boron and Zinc deficiencies (growth hormone) synthesis.



ANALYSIS %	W/W
Calcium CaO	12
Boron B	2.5
Zinc Zn*	2.5
Organic matter	59.6

*EDTA form

GOLDEN PLANT CALCIO N SUPER

GOLDEN PLANT Calcio N Super is a fertilizer consisting of amidic nitrogen and calcium, enriched with boron, zinc and organic plant extracts.

Its specific composition provides nitrogen controllably, in order to avoid problems derived from competition between nitrogen and calcium.

Calcium is an essential element in protecting from 'end rot' while simultaneously, helps in root tips formation and shoots elongation. Boron and zinc have main roles in flowers formation, pollination and fertilization of flowers and fruits growth as well (growth hormone) synthesis.



ANALYSIS %	W/V
Nitrogen N	12
Ureic N	12
Calcium CaO	12
Boron B	0.13
Zinc Zn	0.13
Organic matter	5
organic plant extracts	

GOLDEN PLANT MIX NITRO

GOLDEN PLANT Mix Nitro is a liquid fertilizer of calcium - and magnesium nitrate, suitable for foliar sprayings or fertigations to all crops with high necessities in these elements.

Calcium is an element essential for the elongation of the root tips, cells division, enlargement and prevention of certain natural abnormalities.

Magnesium has an important role in the regulation of photosynthesis and contributes to the improvement of qualitative characteristics of products (sugars content, colour, aroma etc).



ANALYSIS %	W/V
Nitrogen N	6.6
Nitrate N	6.6
Magnesium MgO	5.3
Calcium CaO	32

GOLDEN PLANT MAG NITR

GOLDEN PLANT Mag Nitr (liquid Magnesium nitrate) is a dense fertilizer, comprising of magnesium, which is suitable for crops with high necessities in the element (tomato, pepper, watermelon, etc).

Magnesium has a prominent role in the process of photosynthesis and further it constitutes a structural element of the chlorophyll molecule, while at the same time it contributes to the improvement of qualitative characteristics of the fruits



ANALYSIS %	W/V
Nitrogen N	9
Nitrate N	9
Magnesium MgO	13

GOLDEN PLANT CALCO NITR

GOLDEN PLANT Calco Nitr (liquid calcium nitrate) is a dense liquid calcium fertilizer, suitable for all crops with high necessities in this element (e.g. tomato, pepper, water melon etc.).

Calcium has a multiple role in plants and fruits growth, cells division and elongation, new root tips formation and cell wall stabilization as well.

Futhermore, it prolongs post harvest conservation and protects from abnormalities, such as “end rot” in tomato, pepper, water melon etc



ANALYSIS %	W/V
Nitrogen N	9
Nitrate N	9
Calcium CaO	22

GOLDEN PLANT CABOR

GOLDEN PLANT CABOR A concentrated liquid Calcium – Boron formulation, combining highly stabilized nutrients and enhanced assimilation. CaBor is designed primarily for foliar application on plants to prevent or correct nutrient deficiencies that may limit crop growth and yields. Due to the advanced formulation CaBor can be effectively absorbed by the plant also by the root system.

Cabor: Improves hardness and strength of stem, tissues and fruits (Calcium).

Increases plant resistance against stress resulting from unfavourable environmental conditions. Increases the pollination as a result of the combined action of Calcium and Boron. Increases fruit set and fruit size. Increases the content of sugars in fruit (Boron).



GOLDEN PLANT POLY PK

GOLDEN PLANT POLY PK is a liquid fertilizer rich in phosphorus and potassium, suitable for all crops and particularly for those which have high necessities in phosphorus and potassium or for certain stages of some crops , require high quantities of phosphorus and potassium Poly PK is enriched with trace elements in complete chelate and assimilable form.

Poly PK improves fruit setting and qualitative characteristics such as taste and aroma in fruits, sugars level, vitamins and carotene concentration.

Moreover Poly PK elongates post harvest storage life and helps plants to overcome unfavourable climatic and environmental conditions.

Poly Pk is applicable either by foliar sprayings or by



ANALYSIS %	W/V
Phosphorus P ₂ O ₅	19.5
Potassium K ₂ O	16
Iron Fe*	0.7
Boron B	0.08
Manganese Mn*	0.03
Zinc Zn*	0.003
Copper Cu*	0.002
Organic matter	6.5

*EDTA form
Amino acids, peptides
Hydrolyzed plant protein

GOLDEN PLANT K-30

GOLDEN PLANT K-30 Product characteristics

- High concentration of Potassium in liquid form
- Potassium source which will be taken up quickly and will easily translocate in the plant
- Increases the plants' resistance to drought
- Improves the fruits shelf life as well as general quality and color
- Short dry period required after application
- for foliar and fertigation fertilizers



GOLDEN PLANT F-AWAY

GOLDEN PLANT F-AWAY is a concentrated and very effective source of potassium phosphite, suitable for foliar or soil application.

Phosphite ion has one less oxygen molecule than phosphate and a much higher degree of solubility and mobility.

This characteristic permits phosphite to be rapidly absorbed or taken up cross the membranes of plant foliage and roots.

F-away is an excellent available source of potassium and phosphorus and an appropriate supplementary fertilization especially at crop growth stages where high requirements of these nutrients are needed.

The nutrients of F-away enhance the physical condition the plants and make them more resistant to negative environmental and climatic conditions.



ANALYSIS %	W/W
Phosphorus P_2O_5	30
Potassium K_2O	20

Phosphorus source: Phosphorus acid

GOLDEN PLANT 32-0-0

GOLDEN PLANT 32-0-0 is dense liquid fertilizer, containing nitrogen in a triple form (ureic, ammoniacal and nitrate). The quality and purity of the raw materials used, renders this product immediately absorbable and assimilable by plants.

It is suitable as a supplementary fertilizer to all cultivations and particularly for those that have increased necessities in nitrogen (e.g., leafy vegetables), as well as for the correction of nitrogen's deficiencies.

Nitrogen is the most basic element in the nutrition of plants during the first growth stages, as it regulates shoots development, cells division, and consequently, increases total production.

The triple form of nitrogen ensures availability of this element over long periods of time, avoiding abnormalities caused by rapid accumulation of nitrogen into fruits (e.g. schisms or hollowness).

32-0-0 is applicable either by foliar sprayings or by fertigation.



ANALYSIS %	W/V
Nitrogen N	32
Nitrate N	8.5
Ureic N	15
Ammoniacal N	8.5

GOLDEN PLANT BASIC 7-7-7

GOLDEN PLANT Basic 7-7-7 with trace elements, is a balanced liquid NPK fertilizer. It is suitable for supplementary fertilization of all crops, at all cultivation stages.

Apart from its balanced proportion in basic nutritional elements, it contains all the essential trace elements in sufficient quantity and in complete chelate and assimilable form.



BASIC 7-7-7	
N	7
P ₂ O ₅	7
K ₂ O	7
Fe	0,01
Mn	0,01
Zn	0,01

GOLDEN PLANT BASIC 5-8-10

GOLDEN PLANT BASIC 5-8-10 is a liquid NPK fertilizer, primarily rich in potassium.

It is particularly effective when applied through foliar applications to all crops, from the beginning of cells expansion to ripening.

Potassium plays a main role in the amelioration of qualitative characteristics (colour, aroma, sugars), as well as the prolongation of post harvest conservation.

It also contains a correct proportion of the other two basic fertilizing elements (nitrogen and phosphorus) and a sufficient quantity of trace elements in complete chelate (EDTA) and assimilable form as well.



BASIC 5-8-10	
N	5
P ₂ O ₅	8
K ₂ O	10
Fe	0,01
Mn	0,01
Zn	0,01

GOLDEN PLANT BASIC 12-4-6

GOLDEN PLANT BASIC 12-4-6 is a liquid NPK fertilizer primarily rich in nitrogen. It is suitable for all cultivations, particularly at vegetative growth and after blossoms fertilization (stage of rapid cells division).

Apart from a balanced proportion of basic nutritional elements, it contains all the essential trace elements in sufficient quantity, in complete chelate and assimilable form.



BASIC 12-4-6	
N	12
P ₂ O ₅	4
K ₂ O	6
Fe	0,01
Mn	0,01
Zn	0,01

GOLDEN PLANT CORRECT PH

GOLDEN PLANT Correct pH is a special preparation for lowering the pH of spraying solutions.

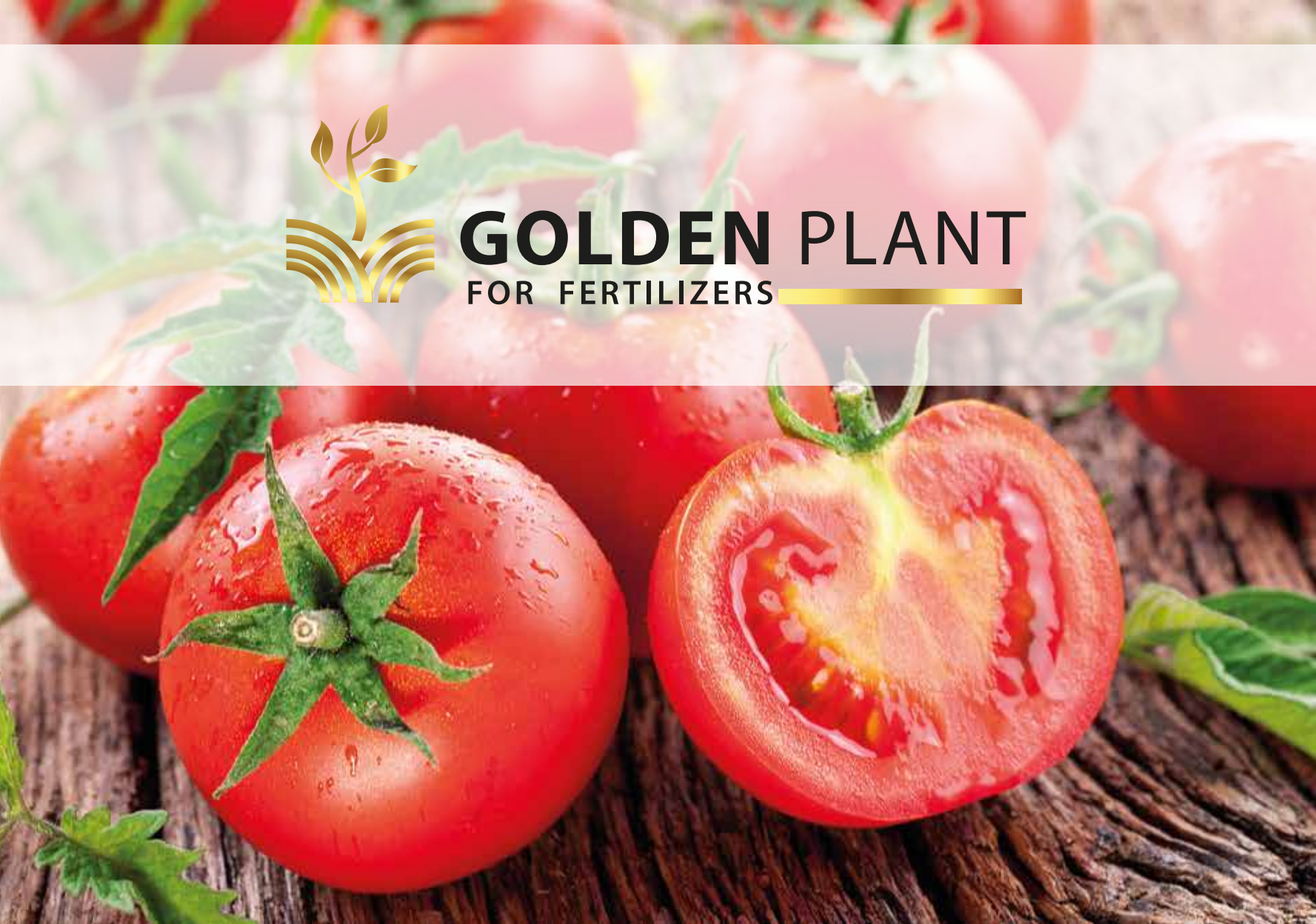
It contains polycarboxylic acids, in order to inactivate the salts and the heavy metals, as the latter causes oxidation and hydrolyzation of agrochemicals.

Moreover Correct pH contains an indicator, which makes the spraying solution fade to pink when pH grade lowers to the ideal (5 -4).





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GOLDEN PLANT FULVATE F

GOLDEN PLANT Fulvate F is a specialized iron fertilizer enriched with organic substances. Iron contributes to the process of photosynthesis and as such, it increases the total production and improves the qualitative characteristics.

Iron deficiencies appear in strongly calcareous soils with alkaline pH, very acidic and slightly sandy soils which are poor in organic matter.

Fulvate Fe prevents iron deficiencies when applied properly either by spraying or through irrigation system



GOLDEN PLANT FULVATE MICROFUL

GOLDEN PLANT Fulvate Microful is a liquid fertilizer, enriched with organic substances, rich in magnesium and assimilable elements (iron, manganese, zinc, copper, boron and molybdenum).

The balanced proportion of these nutrients renders this product an essential supplement of soil fertilization and also, a tool for prevention and correction of complicated deficiencies.



GOLDEN PLANT FULVATE ZN

GOLDEN PLANT Fulvate Zn is a specialized zinc fertilizer enriched with organic substances. Fulvate Zn aims in the prevention and confrontation of problems that result from the deficiency of this element.

Zinc plays an important role in flowers fertilization, proper growth of shoots and leafage, as well as increasing fruits size.



GOLDEN PLANT FULVI

GOLDEN PLANT Fulvi Fulvit is a concentrated extract of pure fulvic acids, enriched with natural bioactive substances.

Characteristic of fulvic acids is their action as natural organic electrolytes.

Fulvit:

- Improves the N/C ratio.
- Activates the beneficial bacteria and enzymes of the soil.
- Increases the resistance of plants to unfavourable climatic conditions and condition of stress
- Helps in better absorption, assimilation and utilization of nutritive substances and trace elements.
- Increases the total productivity of the crops and improves their qualitative characteristics.



ANALYSIS %	W/V
Organic matter	20
Fulvic acids	



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GOLDEN PLANT ZN

GOLDEN PLANT Zn A Liquid Fertilizer Of Zinc In Assimilable EDTA Form.

It Aims In The Prevention And Confrontation Of Problems That Result From The Deficiency Of This Element.

The Chelate (EDTA) Form, Renders Chelan Zn Particularly Effective And Reliable In Difficult Cases Of Zinc Deficiency.

Zinc Plays An Important Role In Flowers Fertilization, Proper Growth Of Shoots And Leafage, As Well As Increasing Fruit Size.



ANALYSIS %	W/W	W/V
Zinc (Zn)	5	6.5
EDTA form		

GOLDEN PLANT AMINO FE

GOLDEN PLANT Amino Fe is a rich source of assimilative iron in chelate form with appropriate chosen amino acids, in order to ameliorate the absorption through the epidermal cells of the leaves by foliar applications.

The presence of selected amino acids, which are normally found in all plants, eases the absorption of the fertilizer and helps plants to overcome iron deficiency, thus avoiding problems such as photosynthesis reduction and chlorosis.

The chelate form gives to this fertilizer the desirable stability in alkaline soils and therefore, it becomes applicable through irrigation systems.



ANALYSIS %	W/W	W/V
Nitrogen (N)	6	4.6
Iron (Fe)	5	3.8
Organic matter	12.5	9.6

(amino acids, peptides)

GOLDEN PLANT MICROCAR

GOLDEN PLANT The Microcare series consists of (EDTA) chelated trace-elements (Fe, Zn, Mn, Cu) and meso-elements (Ca, Mg), in the form of water soluble powder.

All products of this range are completely water soluble, assimilable, and easily compatible with other water soluble or liquid fertilizers and are suitable for both foliar sprayings and fertigation.

The Microcare range can be applied to all crops as a powerful tool for correction of individual or combined deficiencies, thus enhancing vegetative growth, pollination and fruiting, as well as improving the quality characteristics of the vegetables

ANALYSIS %	Fe	Zn	Mn	Cu	CaO	MgO
Microcare Fe	13					
Microcare Zn		15				
Microcare Mn			14			
Microcare Cu				14		
Microcare Mix	6	3	3	2		
Microcare Ca					10	
Microcare Mg						10

Chelated (EDTA)

trace elements and meso elements
for foliar and soil applications
in water soluble powder form

GOLDEN PLANT AA 40

GOLDEN PLANT AA 40 is a dense liquid biostimulant of amino acids. AA40 is suitable for all crops for the improvement of the qualitative characteristics of agricultural products (colour, size, aroma, firmness, sugar levels, etc).

Furthermore, AA40 increases the tolerance of plants against unfavourable climatic and environmental conditions and prolongs the post harvest storage life of fruits.

AA40 is applicable either by foliar sprayings or by fertigation.



ANALYSIS %	W/W
Organic matter	40



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GOLDEN PLANT KINALGI

APPROVED FOR USE IN
ORGANIC AGRICULTURE

GOLDEN PLANT Kinalgi is a natural product, deriving from cold extraction of seaweed (*Aschophyloum Nodosum*).

Due to this extraction method, it is particularly rich in plant growth hormones known as auxins and cytokinins, which helps the plant to overcome stress due to climatic changes and other situations.

Plants under stress (disease, insects, frost, drought) can not produce sufficient amounts of growth hormones.

Kinalgin contains naturally-occurring cytokinins that can protect plants from the effects of stress.

The result is faster growth, healthier plants and higher yields.

Moreover, Kinalgin activates the plant to effectively stimulate its metabolic function in relation to the creation of a rich root system, growth, blossoming as well as fruit ripening.



ANALYSIS %	W/W
Organic matter	17

Seaweed extract (*Aschophyllum Nodosum*), proteins of plant origin, Carbohydrates (mannitol, laminarin, algal acids, oligo- and poly-saccharides), vitamins, cytokinins, auxins

GOLDEN PLANT ALGITO

GOLDEN PLANT Algito is a liquid extract of marine algae (*Ascophyllum nodosum*) enriched with inorganic plant nutrients.

The seaweed extract includes amino acids, peptides, vitamins, natural hormones (cytokinins, IAA, ABA) and carbohydrates (mannose, mannitol, alginic acid) in high availability.

As it is rich in these organic substances, Algito helps to overcome unfavourable climatic and environmental conditions, pauses dormancy (strawberry), utilizes and transfers nutrients into the plants, increases cellular division and the ripening of production as well.

It is applicable either by foliar sprayings or by fertigation.



ANALYSIS %	W/W	W/V
Nitrogen N	5	6
Phosphorus P ₂ O ₅	2	1.2
Potassium K ₂ O	3	1.2
Organic matter	18	20
seaweed extracts (ascophyllum nodosum)		

GOLDEN PLANT ALGI 100

GOLDEN PLANT Algi 100 is a natural product in solid form, derived from %100 seaweed extract (*Ascophyllum nod*).

Algi 100 is rich in nutrients which helps the plant to overcome stress due to climatic changes and other situations. Furthermore, it activates the plant to effectively stimulate its metabolic function in relation to the creation of a rich root system, growth, blossoming as well as fruit ripening.



ANALYSIS %	W/W
Nitrogen N Organic	1
Potassium K ₂ O	13.5
Organic matter (seaweed)	54

GOLDEN PLANT AMINO BT

GOLDEN PLANT Amino BT is an L-Tryptophan glycine and betaine based fertilizer solution, suitable for all cultivations in critical stages of their growth (rooting, fruit formation and enlargement, ripening) as well as when unsuitable environmental conditions prevail (heavy rainfall, flood, drought, salinity).

The special composition of this product, contributes to fruit enlargement (due to higher fruit cell proliferation) and early ripening as sugars level is increased.

Furthermore, Amino BT increases also epidermic cells plasticity, thus preventing fruit's cracking especially in varieties and crops vulnerable in this disorder such as stone fruits (particularly cherry), when heavy rains prevail.



ANALYSIS %	W/W
Amino acids, betaine (l-tryptophan,proline)	7

GOLDEN PLANT HUMUS-S

GOLDEN PLANT Humus-S is a dense (%70) bio-stimulant consists of humic and fulvic acids.

The humic and fulvic acids of this preparation stimulate the growth of plants and act as regulators of the soil, particularly in sandy and non porous (clay) soils.

In these types of soils, Humus-S improves the water capacity, the aeration and activation of micro-organisms at the region of the root system.

Moreover, it activates root system growth, increases absorption of nutritive elements.

Furthermore, it acts in synergy with other fertilizers, thus intensifies its activity.



ANALYSIS %	W/W
Potassium K ₂ O (water soluble)	10
Humic & Fulvic acids	80

GOLDEN PLANT PLANT POWER

GOLDEN PLANT Plant Power Fulvate Microfull is a liquid fertilizer, enriched with organic substances, rich in magnesium and assimilable elements (iron, manganese, zinc, copper, boron and molybdenum).

The balanced proportion of these nutrients renders this product an essential supplement of soil fertilization and also, a tool for prevention and correction of complicated deficiencies.



Plant Power	
K	1.87
N	1.02
P	0.56
MG	0.16
FE	0.28
MN	0.1
ZN	0.3

GOLDEN PLANT FULVIC BIO TONIC

GOLDEN PLANT Fulvate Microfull is a liquid fertilizer, enriched with organic substances, rich in magnesium and assimilable elements (iron, manganese, zinc, copper, boron and molybdenum).

The balanced proportion of these nutrients renders this product an essential supplement of soil fertilization and also, a tool for prevention and correction of complicated deficiencies.



Fulvic Bio Tonic	
FULVIC ACID	11.32
BO	%2.18
MN	%1.34
MG	%2.28
FE	%8.5
ZN	4.3



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