



DÖĞER[®]
Kimya Tarım Ltd. Şti

PRODUCT CATALOGUE



Our farmers and undertakings aimed at increasing of crop amount obtained form unique area in that period that we live into beginning of 21st century. In our country, natural fertility decreases from year to year due to ignorance and applying of wrong methods.

Then need of increasing human population must be covered supplying necessary increasing in the crop. This also can be done knowing what is conditions will increase soil fertility as possible as and how will realize of this.

Plant nutrition groups produced by our company is produced for organic and precisig farming whit respect to sustainable agriculture and environment fertigation.

Fertilizers, liquid and solid organic fertilizer, organo-mineral fertilizer are produced completely adding nutrients that needed by the plants and balancing necessary and enough rates. its must not be forgot the correlation between qualities of the nutrition groups used in the agriculture and yield increasing in the consequence of this.

So as dođer kimya setting out by the slogan of to 'abun dant crops by quality products' we the best amied to able to the World agriculture.

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**ORGANIC AND
ORGANOMINERAL
PRODUCTS**



WONDERFULL

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 35	Tin
Organic Carbon	% 13	Packaging
Organic Nitrogen	% 3	1LT - 5LT - 7.5LT - 20LT
Water-soluble Potassium Oxide (K2O)	%4	
Ph Range	4,5-6,5	

It is a biological product added in 32% organic matter, 3.5% N and 3.5 % K2O side, amino acid, various enzymes, GA3, NAA, BNOA, humic and fulvic acids, and it has a perfect nutrition property. Wonderfull grows plant protecting from the root to tip. It allows that plant more comfortable uptake and use organic matters keeping media pH is low such as 3-5. Necessary nutrients were gathered in it for fast developing, much flower, tolerance to disease, a good root and body structure. It allows soil effective in respect to biology and increase biologically effectiveness in the soil. It activates bacteria plant cover due to its contents of high glycoside, amino acid and enzymes and supply absorption of the nutrients. Enzymes contributes to lessen of acid rate and become shorter of become ripe period of the fruits. It is especially suggested its using in the salty soil due to it has much organic matter content. It is important that it's using for the plant with stress due to transplantation and strong wind or dry conditions with long period.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 45	Plastic
Organic Carbon	% 16	Jerry Can
Organic Nitrogen	% 5	1LT - 5LT - 10LT - 20LT
Total Phosphorus Pentaoxide (P2O5)	% 0.5	
Free Amino Acid	% 14	
EC	12.1 dS/m	
Ph Range	5.2 - 7.2	

Dr. Annimo Biostimulant is a product. It is an organic and natural product that can be applied from leaves and drips, ensuring that your plant is strengthened and supported against environmental stress conditions by maintaining its amino acid balance. Through its low molecular weight, it provides very rapid uptake, transport and utilization. The high amount of amino acids it contains increases the plant's resistance to abiotic (Abiotic factors affect the distribution of living things on earth. These non-living factors that affect living things consist of physical and chemical elements) stress conditions. Due to the free amino acids and short chain peptides (Oligo peptides) it contains, it supports the vegetative and generative development of the plant with its chlorophyll synthesis, fertility, enzyme activator and chelating effect. It increases the internal and external quality of the product and accordingly the product quality. It increases the amount of marketable product. With its soil regulator feature, it supports the plant to benefit from nutrients more effectively and create a stronger root structure.



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DR. ANNIMO

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	%25	Plastic
Total Nitrogen (N)	%10	Jerry Can
Organic Nitrogen	%1	1LT - 5LT - 10LT - 20LT
Urea Nitrogen (NH2-N)	%9	
Water-Soluble Boron (B)	%0.5	
Water-Soluble Ferrous (Fe)	%2.5	
Water-Soluble Manganese (Mn)	%2.5	
Water-Soluble Zinc (Zn)	%2.5	
Free Amino Acid	%5.5	
Alginic Acid	%0.5	
Gibberellic Acid	100 ppm	
Maximum Chlorine	%0.46	
Ph Range	4.5-6.5	

It is an excellent product enriched with organic matter and amino acids, as well as high amounts of macro and micro elements. It nourishes the plant by protecting it from root to tip. It can be applied at any time before and after flowering. It significantly increases the quality and efficiency of the product obtained per unit area. It increases the resistance of plants against diseases. Additionally, by being supplemented with Gibberellic and Alginic Acids, it accelerates and increases the germination, flowering and fruiting of plants without stress. Thanks to its high content of Zinc, Iron and Manganese, it supports fruit set as well as increasing flowering, especially in fruits.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 30	Plastic
Organik Nitrogen (N)	% 12	Jerry Can
Water-soluble Potassium Oxide (K2O)	% 4	1LT - 5LT - 10LT - 20LT
Maximum Chlorine	% 0.1	
Ph Range	4.5-6.5	

It is a product that contains high amounts of organic matter, nitrogen and potassium. It accelerates microorganism activities in the soil due to organic matter. Therefore, it ensures strong fringe root formation. It facilitates nutrient uptake by regulating soil pH. It increases the vegetative part due to the high amount of nitrogen. It increases the faster growth of plants, the number and quality of grains per spike, and their resistance to stress. It is recommended for plants during the development and growth period, but not during the rest and maturation period.

GOLD AVAQUADO



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GREEN FORTE






GOLD AQUA ALG

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	%20	Plastic
Alginik Acid	%1.3	Jerry Can
Water-soluble Potassium Oxide (K2O)	%4	
Maximum EC	5.9 dS/m	1LT - 5LT - 10LT - 20LT
pH Range	8,1 - 10,1	

Gold Aqua Alg contains seaweed used in agriculture, which is the most biologically active and contains the richest nutrients. These algae, which do not have a root system, can feed on salty seawater, can survive under ice for a long time and can grow for meters under limited growth conditions, have been and continue to be an important material for researchers that can support the agricultural world. It is a natural organic nutrient consisting of Organic Substances, Alginic Acids, amino acids and various nutritional elements naturally found in plants. All these substances are directly related to plant health, nutrition and product quality. Its active ingredient acts together with other plant growth regulators and promotes cell activities and protein synthesis. Gold Aqua Algae is a natural fertilizer containing various nutrients. It does not pollute the environment, is not phytotoxic, can be mixed with drugs, is systemic and is absorbed by the plant in a short time.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 40	Plastic
Organic Carbon	% 16	Jerry Can
Organic Nitrogen	% 3	1LT - 5LT - 10LT - 20LT
Free Amino acid	% 20	
Ph Range	4.5-6.5	

It contains 40% organic matter, 20% free amino acid, 3% Nitrogen and 16% Organic Carbon, which encourages a stronger stem and more flower formation during the development phase of the plant, increasing the availability of macro and micro elements, resulting in a fuller, higher quality and more product. Gold Amino Plus 20, which allows taking: It has the feature and balance to meet all the amino acid and organic matter needs of the plant from root to tip. It also increases the plant's resistance to diseases and changing climatic conditions. In addition, the fertilizer given with it has a carrier feature into the plant.

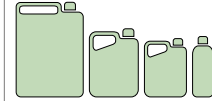


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GOLD AMINO PLUS

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 25	Plastic
Organic Carbon	% 11	Jerry Can
Organic Nitrogen	% 1,5	1LT - 5LT - 10LT- 20LT
Water-soluble Potassium Oxide (K2O)	% 6	
Free Amino Acid	% 7	
Ph Range	3-5	

It is in the form simple amino acid as the smallest structure unit of the protein. Therefore, plants use easily it as energy source. It accelerates the formation of protein. It eliminates the lack of amino acid that cannot be synthesized by plants, so plants use this energy to grow and develop. When used whit other crops, it provides conveyance to the structure of the plant and acceleration.

GUARANTEED CONTENT	(W/W)	Organik Azot	% 0,8
Organic Matter	% 20	Amonyum Azot	% 2,2
Total Nitrogen	% 3	Maksimum Nem	20
Water-soluble Magnesium Oxides (MgO)	% 15	PACKAGING TYPES	
Water-Soluble Boron (B)	% 1	Cardboard	
Water-Soluble ferrous (Fe)	% 3	Box	
Water- Soluble Manganese (Mn)	% 3	1 Kg	
Water- Soluble Zinc (Zn)	% 5		
Free Amino Acid	% 4		
pH Range	4,7-6,7		

It is an excellent product enriched whit organic matter and amino acids, as well as macro and micro elements in it in high amounts. It feeds the plant from root to top. It can be applied before and after flowering period. It provides a significant increase in terms of quality and efficiency of the product to be obtained form the unit area.

SHOWY



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EFFECT





DOĞER HUMIX

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 20	Plastic
Humic Acid+Fulvic Acid	% 12	Jerry Can
Water-soluble Potassium Oxide (K ₂ O)	% 4	1LT - 5LT - 10LT - 20LT
Raw Material Used	Leonardit	
pH Range	10.5-12.5	

It is organic liquid fertilizer containing humic and fulvic acids. Humic acids forms from decomposition of organic matters and their sources are only plants. Fulvic acid is found in the humic acids' composition that has high suction and ion relations potential. Humic acids are matters that allow good absorbing of macro and micro nutrients given into soil by the plants and decrease the cost. It arranges soil pH and allows increase the soil microorganisms population and becomes shortly emergency of the seeds. DOĞER HUMIX and allow more healthy and strong plant growing stimulating plant roots. It proves more long time crop keeping. It keeps much water in the sandy and loamy soil. It enables good circulation he water and air in the soil.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 25	Plastic
Total(Humic+Fulvic) Acid	% 21	Jerry Can
Water-soluble Potassium Oxide (K ₂ O)	% 4	1LT - 5LT - 10LT - 20LT
Raw Material Used	Leonardit	
pH Range	10.5-12.5	

Thanks to the high Humic and Fulvic acids it contains, it increases the water permeability of heavy-textured soils. It accelerates bacterial activity in the soil and regulates the biological structure of the soil in terms of plant development by increasing the number of microorganisms. It ensures that nutrients are kept in a form that can be easily absorbed by plants. It increases the availability of phosphorus in the soil. It prevents the loss of nutrients from the soil. By encouraging the root development of plants, it ensures healthier and stronger plant formation, thickening of plant cell walls, resistance to diseases and therefore extends the storage life of the product. By regulating pH, it enables microorganisms to multiply and the elements in the soil to be used more quickly by plants. It regulates the soil structure, increases the soil's aeration and water retention capacity.



PLUS FULVİK

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Organic Matter	% 30	Plastic
Organic Carbon	% 13	Jerry Can
Organic Nitrogen	% 1.5	1LT - 5LT - 10LT - 20LT
Water-soluble Potassium Oxide (K ₂ O)	% 4	
Ph Range	4.5-6.5	

It is a liquid organic fertilizer with nitrogen and it has 30% organic matter, 1% N and 2% K₂O. It is found all the organic matters necessary for plant growing, flowering, many and quality yield. Limited organic matters found in the soil and water is not enough for plant growing, but NATUREL FORTE covers this need enough and increases resistance of the plant against to diseases.

GUARANTEED CONTENT	(W/W)	GUARANTEED CONTENT	(W/W)
Organic Matter	% 30	Alginate Acid	% 0.2
Total Nitrogen (N)	% 4	Gibberellic Acid	150 ppm
Organic Nitrogen	% 1	Maximum Chlorine	0.42
Urea Nitrogen (NH ₂ -N)	% 3	pH Range	4.5-6.5
Total Phosphorus Pentaoxide (P ₂ O ₅)	% 8	PACKAGING TYPES	
Water Soluble Phosphorus Pentaoxide (P ₂ O ₅)	% 8	Plastic	
Water-soluble Potassium Oxide (K ₂ O)	% 4	Jerry Can	
Water-Soluble Magnesium Oxides (MgO)	% 2	1LT - 5LT - 10LT - 20LT	
Water Soluble Phosphorus(B)	% 0.1		
Water-Soluble Manganese (Mn)	% 0.4		
Water-Soluble Molybden (Mo)	% 0.02		
Water-Soluble Zinc (Zn)	% 2		
Free Amino Acid	% 6		

It has a perfect mixture that nourishes the plants from root to tip, supported by 100% water-soluble Nitrogen, Phosphorus, Potash, as well as Organic matter, Amino Acids, Alginate Acid, Gibberellic Acid and trace elements. It is a versatile and effective product with a wide range of uses from soil and leaves. Magnesium is the central atom of Chlorophyll and is very important for photosynthesis. It plays a very important role in the transport of phosphorus and the transformation of amino acids into polypeptides. Alginate Acid: It is an excellent anti-stress product applied to minimize the impact on plants that are or are likely to be stressed by weather conditions, or to remove the affected ones from this situation in a short time. Gibberellic acid: it is a very effective hormonal product in the initiation of division in the cells of plants and grains, the germination of seeds, the growth and flowering of seedlings, and the growth of fruits. That's why Gold Forte, when used regularly in all plants at appropriate periods; it significantly helps to increase the productivity of the products, fruit size and quality, homogeneity, physiological ripening of the fruits and acceleration of coloration, increase the amount of dry matter and brix in the fruit, and increase root and plant development.

NATUREL FORTE



GOLD FORTE







CHEMICAL AND
SPECIFIC
PRODUCTS




TROYKA

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water- Soluble Zinc (Zn)	%7	Plastic
Water Soluble Molybdenum (Mo)	% 11	Jerry Can
Water- Soluble Zinc (Zn)	% 5	250gr
		


Troyka contains high amounts of Boron, Molybdenum and Zinc; It is an excellent flower enhancer and fruit holder. Among the nutrients required for plants, Molybdenum is found in the lowest amount in the soil. Molybdenum deficiency; It is similar to nitrogen deficiency symptoms because it inhibits nitrate assimilation. Since boron deficiency damages the growth points of plants, growth slows down very much and leaves and branches become brittle. In addition to supporting the elimination of these deficiencies, Troyka; Promotes flowering and fertilization. It increases the formation of forked clusters. It helps pollen formation, fertilization and fruit set. It supports the prolongation of the vitality of pollen. It provides color and shine to the fruits. It eliminates the easy brittleness of the leaves due to Boron and Zinc. It increases the speed of development and growth. By eliminating boron deficiency, it accelerates the uptake of other plant nutrients.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Boron (B)	% 1.5	Cardboard
Water-Soluble ferrous (Fe)	% 5	Box
Water-Soluble Copper (Cu)	% 1	250gr
Water-Soluble Manganese (Mn)	% 4	
Water-Soluble molybdenum (Mo)	% 0,5	
Water-Soluble Zinc (Zn)	% 6	

Some elements are found low levels in the plants. TREND having balanced these elements that absolute necessary for the plant contain whole soluble in the water 1.5% B, 1% Cu, 5% Fe, 4% Mn, 0.05% Mo and 6% Zn. Micro elements are also important as macro elements as. Even which nutrients, that or this, if it is not enough, plant can not grow and complete its life period. TREND has whole trace elements needed by the plants. It increases tolerance to diseases, flowering, yield filled and homogeneity.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 3	Plastic
Water-soluble Potassium Oxide (K2O)	% 15	Jerry Can
Water-soluble Ferrouse (Fe)	8	1 Kg - 5 Kg - 10 Kg - 20 Kg
Ammonium (N)	% 3	

It is a perfect mixture of 3% N, 15% K2O, 8% Fe supported by the moss extract and amino acids. It was balanced with the N and K to remove Fe deficiency. Especially in the calcareous soils, Fe use gets difficult according to plant species. ESFER-K has 8% Fe that of this 3.7% is chelated with the EDDHA enables Fe absorption whatever soil pH. If ESFER-K use in the suitable dose to leaf, it quickly removes Fe deficiency and allows plant growing and yield increasing by its N and K contents. In addition, it increases use effectiveness of Fe by EDDHA chelate

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 5	Plastic
Total Phosphorus Pentaoxide (P2O5)	% 25	Jerry Can
Water-Soluble Boron (B)	% 0.5	1LT - 5LT - 10LT - 20LT
Water-Soluble Zinc (Zn)	% 3	
Urea (N)	% 5	

It is very effective in the root growing, extent of stems and ripeness of the plant due to its N and densely phosphorus contents. It positively affects forming of DNA determining photosynthesis and genetic properties. It stimulates flowering and fruitful. It allows color and shining in the fruits boron and zinc contents. It increases growing and widening speed. Absorbing of the other nutrients speeds up with the removing of the boron deficiency

ESFER K



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GOLD P B Zn





GOLD B - 11

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Boron (B)	% 11	Plastic Jerry Can 1LT - 5LT - 10LT - 20LT

It was determined that most plant diseases resulted from B deficiency in reality. Plant growing becomes slow for B deficiency is harmful for growing tip firstly. Leaves and branches become fragile easily. Flower and fruit forming is hindered. Leaves were bended, thickened and take a color of dark blue-green. In addition, it is not removed of B deficiency decreases use effectiveness of other nutrients. GOLD B-11 is capable by its 11% B content to remove this efficiency, to increase use capacity of the other nutrients and to allow plant growing



GOLD FLOW

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen	% 3	Plastic
Urea Nitrogen	% 3	Jerry Can
Total Phosphorus Pentaoxide (P2O5)	% 15	1LT - 5LT - 10LT - 20LT
Water-Soluble Zinc (Zn)	% 4	

Due to the nitrogen and intense phosphorus it contains, it is very effective in root development, stem elongation and plant maturation, as well as increasing product quality. It increases grain fullness and productivity and prevents grain drop. It increases the plant's resistance to drought by positively affecting DNA formation, which determines photosynthesis and genetic characteristics. It encourages flowering and fertilization. Provides color and shine to fruits. Supplementing with zinc accelerates these effects and eliminates zinc deficiency.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 32	Plastic
Ammonium Nitrogen (NH4-N)	% 8	Jerry Can
Nitrate Nitrogen (NO3-N)	% 8	1LT - 5LT - 10LT - 20LT
Urea Nitrogen (NH2-N)	% 16	
Water-Soluble Boron (B)	% 0.02	
Water-Soluble ferrous (Fe)	% 0.02	
Water-Soluble Manganese (Mn)	% 0.05	
Water-Soluble Zinc (Zn)	% 0.04	
Water-Soluble Copper (Cu)	% 0.06	

It is a fast-acting liquid fertilizer that has a high nitrogen content and is also supported by microelements. High nitrogen composition; it is formulated with a combination of nitrate, ammonia and urea forms. With this feature, it provides fast and effective fertilization without causing drying and burning of the plant. It is recommended if there is insufficient nitrogen in the soil, or even if it is sufficient, the plants cannot benefit sufficiently from this nitrogen due to various negativities, and as a result, they show growth and development retardation. It is also an ideal nutrient source for plants that need high amounts of nitrogen. Gold Nitro, applied through foliar or drip irrigation, takes effect in a short time and activates the plant, strengthening the vegetative part.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Phenolic Acid	% 8	Plastic
Phosphoric Acid (H3PO4)	% 4	Jerry Can
Hydrogen Peroxide (H2O2)	% 7	1LT - 5LT - 10LT - 20LT
Nitric Acid (HNO3)	% 16	
Organic Acids	% 21	
Sulfuric Acid (H2SO4)	% 4	

It removes lime forming in the spring and drip irrigation systems by its hydrogen peroxide (H2O2) 7%, sulphuric acid (H2SO4) 4%, phosphoric acid (H3PO4) 4%, nitric acid (HNO3) 16%, phenolic acid 8%, organic acids 21% mixture. It decreases pH value of the soil and water. It speeds up nutrients absorbing by the plants decomposing complex nutrients in the soil. It arranges physical and chemical structure of the soil. It helps nutrients absorbing and carrying in the plant tissues. It stimulates flowering. ACIDE COMPLEX forms a strong root system widening as volume root zone of the plant. It allows color and shining in the fruits, early ripeness and increases crop yield and quality. It increases tolerance of the plants to bad weather conditions.

GOLD NITRO




ACIDE COMPLEX







GOLD MO.B

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 3	Cardboard
Total Phosphorus Pentaoxide (P2O5)	% 15	Plastic Bottle
Water-Soluble Boron (B)	% 10	250 Gr
Water-Soluble molybdenum (Mo)	% 2	


It contains 3% N, 15% P2O5, 10% B and 2% Mo. Molybdenum is found the least in the soil among the nutrients. Molybdenum deficiency similar to N deficiency to hinder nitrate assimilation. Plant growth is very slow due to B deficiency which is harmful for apical points. Leaves and branches become fragile easily. In the excessive B deficiencies, apical points and shoots die and growing completely stop. GOLD Mo-B contains these elements as balanced, so it allows developing and growing up and a strong structure of the plant increasing effectiveness of the N, P2O5, Mo and B.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 8	Plastic
Water-Soluble Calcium Oxide (CaO)	% 14	Jerry Can
Water-Soluble Boron (B)	% 1	1LT - 5LT - 10LT - 20LT
Nitrate	% 8	

It has 8% N, 14% CaO and 1% B with rich organic matters and enzymes. GOLD Cal-Bor increases N and Ca effectiveness by its boron. Because Ca is immobile in the plant body and calcium absorbing of the plant speeds up by the B and N. In addition these elements increase calcium's effectiveness. Calcium and B supply plant growth, strong plant structure and developing of the meristem tissue. If the GOLD Cal-Bor uses suitable dose, it supply good developing of the plant, the bigger and green leaves, a strong structure forming, these also increase directly flowering and yield increasing photosynthesis.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Phosphoric Acid (H3PO4)	% 40	Plastic
?		Jerry Can
		5LT - 20LT
		

It removes lime forming in the drip irrigation systems. It decreases pH of soil and water. It speeds up absorbing of plant decomposing nutrients complex in the soil. It arranges physical and chemical structure of the soil. It stimulates flowering and becomes fruit. MOONSTAR forms a strong root system widening root zone as volume. It increases yield and quality. It allows early ripening, good color and shining on the fruits. It keeps plants against abnormal whether conditions.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Calcium Oxide (CaO)	% 13	Plastic
		Jerry Can
Water-Soluble Boron (B)	% 0.17	1LT - 5LT - 10LT - 20LT
		

Calcium is the building block of the plant cell wall. It helps plant cell walls to divide and extend due to calcium. It extends the shelf life of the fruit due to the increased durability of the cell wall. Deficiency prevents nitrogen uptake, the root system weakens and growth slows down or stops completely. The fruits become soft. In addition to eliminating these negativities, it increases growth and fertilization and accelerates fruit formation with the boron it contains. Calcium also increases the effectiveness and utilization of other nutrients in the soil.

MOONSTAR




EXTRA PLUS CALBOR






NITROSOL

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Nitric Acid (HNO ₃)	%20	Plastic
		Jerry Can
		5LT - 20LT
		


It has a nutritional function due to the nitrate nitrogen it contains. Its main purpose is to eliminate blockages, especially in the drip irrigation system. It increases the effectiveness of pesticides and nutrition products used by dissolving limescale and lowering the pH of irrigation water. It accelerates the uptake by the plant by decomposing the complex nutritional elements in the soil. By expanding the root area of the plant volumetrically, it creates a strong root system and encourages flowering. It increases the quality and efficiency of the product. It ensures early maturation of the product. It provides color and shine to the fruits.



MIX MIX

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble ferrous (Fe)	% 2	Plastic
Water-Soluble Zinc (Zn)	% 2	Jerry Can
		1LT - 5LT - 10LT - 20LT
		


It is mixture that added organic matters, containing 2% Fe and 2% Zn. Iron deficiency causes a common yellowish on the plant leaves; Zn deficiency also causes yellowish among the veins on the leaves. In addition to this leaves had motley and rosette forms.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Zinc (Zn)	% 6	Plastic
		Jerry Can
		1LT - 5LT - 10LT - 20LT
		

Zinc deficiency causes yellowish among the veins on the leaves. In addition to this leaves had motley and rosette forms. ZINC MC % 6 remove this deficiency applying in the suitable dose.

ZINC MC



GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Copper (Cu)	% 6	Plastic
		Jerry Can
		1LT - 5LT - 10LT - 20LT
		

COPPER MC containing %6 copper sulphate solution attach Cu which is immobile in the plants to organic matters. So, copper deficiency symptoms are firstly seen in the young leaves of the plants. Copper deficiency is seen in the plants such as cereals defining as 'yellow tip' with yellowish of the leaf tip. COPPER MC %6 hinder this forming and cover Cu need of the plant. If Cu deficiency is seen, positive results are taken by applying of COPPER MC %6 to leaves

COPPER MC





CALUP Nca

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 8	Plastic
Nitrate Nitrogen (N)	% 8	Jerry Can
Water-Soluble Calcium Oxide (CaO)	% 12	1LT - 5LT - 10LT - 20LT

It is calcium nitrate solution. Turkey soils are rich with respect to Ca, but they do not have enough available Ca. Calcium affects flowering, allows enough apical buds growing and size, and these enable many and quality yield. Calcium deficiency hinders N absorbing of the plants. It is firstly seen in the young leaves. It is suggested that CAL-UP Nca 29 must be used to prevent Ca deficiency



DOĞFOL

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 15	Plastic
		Jerry Can
		1LT - 5LT - 10LT - 20LT

ATS (Ammonium Thio Sulphate) salt solvent. This liquid fertilizer contains 15% N, 60% SO₃. Ammonia nitrogen is very important in the plant nutrition and a speed nitrogen form. Especially, it allows trees tolerant to cold in the cold winter period and supplies other nutrients absorbing good by the plants. It has the most sulphur among the liquid fertilizers and speeds up plant growth. It becomes perfect photosynthesis increasing chlorophyll of the plant. DOĞFOL decreases salt capacity in the soil and increases micro elements absorbing by the plants.



SPREADER ADHESIVE	PACKAGING TYPES
pH Range	Plastic
Lime Remover	Jerry Can
	500 cc - 1LT

It has properties of spreader-adhesive, lower of pH and removing lime. It changes to available forms not available forms of nutrients when it is used suitable doses in calcareous soils. It increases water quality decreasing pH value two units when is added into one ton calcareous water. In addition, it increases effectiveness of various protection products and plant nutrition groups (fertilizers) applied due to water has suitable pH value.



DOWN WET



GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 3	Plastic
Urea Nitrogen CO(NH ₂) ₂	% 3	Jerry Can
Water-Soluble Potassium Oxide (CaO)	% 30	1LT - 5LT - 10LT - 20LT

Potassium roles in the process of metabolic, physiologic and chemical that have vital important for plants. This duty increases yield and quality. Potassium increases root growing of the plants, resistance to cold and diseases, yield capacity and hinders lie down. It allows color, largeness, filling and shining in the fruits. It extends depot life increasing resistance of the fruits. It increases effectiveness of N use. Important of the N is also very big. Nitrogen allows plant growing, leaf color, increasing of the shoot number, getting strong of the root and branches. Potassium K covers these deficiencies and balances N and K needed by the plant.



POTASYUM K





SPEED UP 18 18 18

GUARANTEED CONTENT	(W/W)	Ammanium (N)	% 7
Total Nitrogen (N)	% 18	Urea (N)	% 11
Total Phosphorus Pentaoxide (P2O5)	% 18	PACKAGING TYPES	
Water-soluble Potassium Oxide (K2O)	% 18	Papper Sack	
Water-Soluble Copper (Cu)	% 0.05	25 KG	
Water-Soluble ferrous (Fe)	% 0.05		
Water-Soluble Manganese (Mn)	% 0.04		
Water-Soluble molybdenum (Mo)	% 0.001		
Water-Soluble Zinc (Zn)	% 0.05		

They are crystal fertilizers with macro and micro nutrients. They include micro elements needed first together macro nutrients. So, plants are not obliged to feed single-sided with the NPK nutrients. Their micro elements contents are also rates will cover need of the plants. They increase filling and quality of the grains and fruits.

GUARANTEED CONTENT	(W/W)	Ammanium (N)	% 6
Total Nitrogen (N)	% 15	Urea (N)	% 9
Total Phosphorus Pentaoxide (P2O5)	% 30	PACKAGING TYPES	
Water-soluble Potassium Oxide (K2O)	% 15	Papper Sack	
Water-Soluble Copper (Cu)	% 0.05	25 KG	
Water-Soluble ferrous (Fe)	% 0.05		
Water-Soluble Manganese (Mn)	% 0.04		
Water-Soluble molybdenum (Mo)	% 0.001		
Water-Soluble Zinc (Zn)	% 0.05		

They are fertigation fertilizer with macro nutrients. They are used to be cover P need of the plants in the growing period. It is for P increase root growing, extending of the stems and ripening of the plant, balance was arranged according to this basis in these fertilizers. In addition, energy needed by the plant remove because of high P. As a result, they affect positively photosynthesis, root growing, DNA determined genetic properties in the plant forming and ripeness period. They increase fruit quality and lessen harvest time.

GUARANTEED CONTENT	(W/W)	Ammanium (N)	% 4
Total Nitrogen (N)	% 7	Urea (N)	% 3
Total Phosphorus Pentaoxide (P2O5)	% 7	Water-soluble Magnesium Oxides (MgO)	% 7
Water-soluble Potassium Oxide (K2O)	% 40	PACKAGING TYPES	
Water-Soluble Copper (Cu)	% 0.05	Papper Sack	
Water-Soluble ferrous (Fe)	% 0.05	25 KG	
Water-Soluble Manganese (Mn)	% 0.04		
Water-Soluble molybdenum (Mo)	% 0.001		
Water-Soluble Zinc (Zn)	% 0.05		

It is a drip and sprinkler irrigation fertilizer with macro and micro nutrients. It is balanced to quickly meet the needs of plants during periods when they need the most potassium. It meets the need for potassium in plants that store starch. It increases the rate of photosynthesis. It increases the plant's resistance to lodging, cold and diseases. It improves the quality of the product and positively affects root development. It shortens the maturity period of the plant due to its high potassium content. It provides rapid development. Balanced with high potassium support, SPEED UP ensures that the products are larger, fuller and brighter.

GUARANTEED CONTENT	(W/W)	Ammanium (N)	% 5
Total Nitrogen (N)	% 16	Urea (N)	% 11
Total Phosphorus Pentaoxide (P2O5)	% 8	Water-soluble Magnesium Oxides (MgO)	% 8
Water-soluble Potassium Oxide (K2O)	% 24	PACKAGING TYPES	
Water-Soluble Copper (Cu)	% 0.05	Papper Sack	
Water-Soluble ferrous (Fe)	% 0.05	25 KG	
Water-Soluble Manganese (Mn)	% 0.04		
Water-Soluble molybdenum (Mo)	% 0.001		
Water-Soluble Zinc (Zn)	% 0.05		

It is a drip and sprinkler irrigation fertilizer with macro and micro nutrients. It is balanced to quickly meet the needs of plants during periods when they need the most potassium. It meets the need for potassium in plants that store starch. It increases the rate of photosynthesis. It increases the plant's resistance to lodging, cold and diseases. It improves the quality of the product and positively affects root development. It shortens the maturity period of the plant due to its high potassium content. It provides rapid development. Balanced with high potassium support, SPEED UP ensures that the products are larger, fuller and brighter.




SPEED UP 7 7 40



SPEED UP 16 8 24




SUPER MN

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Boron (B)	%1,5	Cardboard
Water-Soluble Ferrous (Fe)	% 2	Box
Suda Çözünür Bakır (Cu)	% 1	1 Kg
Water-Soluble Manganese (Mn)	% 12	
Water-Soluble Zinc (Zn)	% 6	

Manganese deficiency first manifests itself in young leaves, which negatively affects plant development. Chloroplast deteriorates and yellow spots are observed on the leaf blade. Super Mn has been formulated to address this deficiency. Due to its high manganese content, it provides color, taste and quality appearance to fruits. It improves the plant's immune system and increases its resistance to diseases. It helps the formation of chlorophyll. Thanks to the plant growth regulators it contains, it promotes root development, fruit formation, synthesis of carbohydrates and flowering. It provides fast and easy intake of trace elements thanks to the enzymes and amino acids it contains. Since manganese is not mobile in plants, foliar application is especially recommended.

FERRO MC

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Ferrous (Fe)	% 6	Plastic
		Jerry Can
		1LT - 5LT - 10LT - 20LT
		

A common yellowish (chlorosis) is seen on the plant leaves in the iron deficiency conditions. Young leaves were the more affected from this yellowish. The best clear property of the iron deficiency is veins are green on the leaves, although other parts are yellow. This situation decreases plant growing directly, crop yield naturally. FERRO MC allow healthy leaf and plant growing hindering this yellowish because of their 6% iron. FERRO MC can be given into the soil, but they are the more effective in the applying to leaf.



PACKAGING TYPES
Plastic Jerry Can
1 LT - 5 LT - 10 LT - 20 LT



STOPPER

BIG-BOMB

UNDER SOIL

GOLD SOLVE

GOLD PLANT





QUATRO

MAT-KAP



TECHNICAL INFORMATION NOTES:

QUATRO: It is an excellent stem builder, flower enhancer and fruit grower with the intense carboxylic acids and hormones it contains. It nourishes weak branches and trees and provides a strong trunk structure. It increases the benefit from fertilization. (Application on leaves: 200-300 cc per 100 Lt of water, Application from soil: 1-2 Lt/Da.)

BIG-BOMB: It is a fruit-enhancing, coloring and flavoring product with the intense Amino Acids, Enzymes and hormones it contains. (With drip irrigation, 2-3 applications are recommended with 500-750 ml/da for vegetables, 200-250 ml/100 Lt of water for fruits, with an interval of 7-10 days).

MAT-KAP: It creates excellent root development with the intense phosphorus and hormones it contains. It provides a strong and elongated root formation, strong trunk and branch formation, which ensures abundant flowering and product formation. (With dripping water; 400-600 ml/100 da in vegetables, 300-400 ml/100 L water in fruits, 2-3 applications every 7-10 days after baffling; 1.5-2 l/ton water, 200 l/ton water in nurseries. 2-3 applications should be made with 300 ml/100 lt water, 7-10 days apart.

STOPPER: It is a branch-forming and flowering product with the hormones, enzymes and organic acids it contains. 1-2 hours after the application, the plant starts to grow flowers and side branches, thinking that it is dying. It regains consciousness after about a day. As a result of this situation, side branches and flowering increase. (It varies depending on the plant type. Therefore, it should be used very carefully. Application at 200-350 ml/da is recommended).

GOLD SOLVE: It is a salinity remover, cation retainer and ion exchange product. (Although the application amount varies depending on the salinity rates in soil and water; in salty waters, 20-100 cc of salt per m3 of water is recommended, and in salty soils, 1.5-6 lt/da is recommended, depending on the salt rate).

GOLD PLANT: The ingredient of our product is Tonic. (For overhead applications, 50-75 cc/100 lt. 200 ml/da is recommended with a drip system).

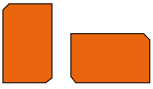
UNDER SOIL: It is a perfect mixture containing a total of 60% Organic acids, Nitric acid, Phosphoric acid, Sulfuric acid and hydrogen peroxide. In addition to its ability to dissolve lime while lowering the soil pH, it promotes rooting and flowering and increases the use of other plant nutrients by dissolving them. (It is recommended to apply 1000 cc/100 lt for rooting, 2000 cc/da for flowering and fertilization, and 3000 cc/da to prevent and open calcification).




**IMPORTED
PRODUCTS**



KEYFER

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Suda Çözünür Demir (Fe)	% 6	Special
Chelated Iron with EDDHA(Fe)	% 6	Papper Packaging
Where EDDHA and Chelated Are Stable pH Range	4-11	1KG
Chlorine (Cl) Content	% 0.1	


With its chelated composition, it easily enters the plant body and has a rapid effect. Iron is one of the components of photosynthesis and is an essential trace element for growth and development. It is recommended in cases where development and growth retardation caused by iron deficiency in plants is evident.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 27	Plastic
Ammonium Nitrogen (NH4-N)	% 8	Jerry Can
Nitrate Nitrogen (NO3-N)	% 9	1LT - 5LT - 20LT
Urea Nitrogen (NH2-N)	% 10	

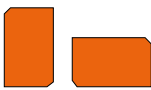
Due to various Nitrogen forms, it meets the Nitrogen requirements of the plant in short, medium and long term. Ensures a maximal vegetative growth. Provides a uniform awakening applying before the buds are awoken. Due to frost, hail and pesticide, avoids period of stagnation based on stress. It is a slow jerking product



REN27

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Boron (B)	% 0.5	Plastic
Water-Soluble Copper (Cu)	% 0.5	Jerry Can
Water-Soluble Manganese (Mn)	% 0.5	1LT - 5LT - 20LT
Water-Soluble Zinc (Zn)	% 0.5	

Provides color, flavor and a quality appearance with the fruit. Ringazym provides speedy and easy intake with the enzymes in its content. Thanks to the free amino acids, almost the entire product which is applied by chelating the trace elements at high rate penetrates to the structure of the plant. Incites root growth, fruit formation, synthesizing of carbohydrates and flowering by means of plant growth regulators it contains in it. It never leaves any residues on the plant and fruit. It is of a maximal amino acid content reinforced with enzymes. Minimizes the mold and disease risk increasing the immune system of the plant. It is a biological stimulant for the plants getting flowered.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Boron (B)	%1,5	Special
Water-Soluble Copper (Cu)	% 1	Papper Packaging
Water-Soluble Ferrous (Fe)	% 5	1KG
Water-Soluble Manganese (Mn)	% 4	
Water-Soluble molybdenum (Mo)	% 0,05	
Water-Soluble Zinc (Zn)	% 6	

It is entirely absorbed by the plant with high and effective chelating system. Easily intaken by the root. It makes the trace elements which are required until harvesting available in its structure with its high amount content.


RINGAZYM PLUS




BREDAMIX



ORANJE CAL-BOR

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Calcium Oxide (CaO)	% 17	Plastic
Water-Soluble Boron (B)	% 0.1	Jerry Can
		1LT - 5LT - 10LT - 20LT
		


Successful result is received when applied twice. Extends the shelf-life of the products enhancing the strength of the cell wall. Helps with the segmentation. Prevents bitter pit and blossom-end rots Increases strength against nematode and root rots with the plants. Prevents softening on the end of the fruit. Balances the protein synthesis. Prevents end-burns with the vegetables. Creates a synergy effect with calcium and boron availability

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Zinc (Zn)	% 10	Plastic
		Jerry Can
		1LT - 5LT - 20LT
		


Increases flowering and pollination. Constitutes intensive pollen. Eliminates the diseases caused by zinc deficiencies. Zinc deficiency diseases are seen with the calciferous soils whose acidic and organic matter amounts are high LVINIYA Zn-10 is specifically used with such soils. Increases the gluten amount with the grains. Due to its amino acid, organic acid, it is easily mixable and its intake is high by the plant. It shows good results when applied before and after flowering.



LAVINYA ZN-10

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Copper (Cu)	% 6	Plastic
		Jerry Can
		1LT - 5LT - 20LT
		

Successful result is received when applied twice. It is of a feature to protect against fungi and bacterial diseases and treatment. It is of a feature to protect against root rots with the fruit trees and treatment. Intake by the plant is direct contact and it is of protection and treating with its systemic effects. , which is cheated with various amino acids and organic acids, provides a strong root formation. If it is planted after keeping the seedlings in DAMCOPPER solution before sowing, it gains a protection against the diseases.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-soluble Potassium Oxide (K ₂ O)	% 25	Plastic
		Jerry Can
		1LT - 5LT - 20LT
		

When applied during the fruit formation period, it results in big size fruit formation and homogeneous fruit with its high potassium and amino acid rates. Provides an early ripening. Contributes to the hardness, quality of fruit and extends the shelf life. Although potassium is existed in the soils of our country, it is not in the form of intake. Ensures the fruit to get good color and increases their resistance against cold. It provides big size and plump products with the depot rooted plants



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MORINA



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LISSECAL

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 8	Plastic
Nitrate Nitrogen (NO3-N)	% 8	Jerry Can
Water-Soluble Calcium Oxide (CaO)	% 14	1LT - 5LT - 20LT

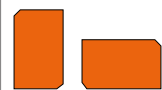


Successful result is received when applied twice. It strengthens the cell wall of the plant and fruit at every period. And thus, it extends the shelf life. It provides durability against diseases in storage. Prevents bitter pit and blossom-end t-rot diseases



OSS-ZINC 15

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Water-Soluble Zinc (Zn)	% 15	Special
		Papper Packaging
		1KG



Successful result is received when applied twice. Zinc deficiency is seen with the calciferous soils on which fertilizers with high pH and high amount of phosphorus is used. OSS-ZINC 15 application on those regions will result in much more positive outcomes. Increases flowering and insemination. Helps the activities of the hormones inciting the chlorophyll formation and growth with the plants. Provides the growth of the leafs and buds.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 20	Special
Ammonium Nitrogen (NH4-N)	% 4	Papper Packaging
Nitrate Nitrogen (NO3-N)	% 5,5	1KG
Urea Nitrogen (NH2-N)	% 10,5	
Neutral Ammonium Citrate and Water Soluble Phosphorus Pentaoxide (P205)	% 20	
Water-soluble Potassium Oxide (K2O)	% 20	

Due to its high phosphorus and potassium in its content, it increases the quality of the fruit. Does not contain Sodium and Chloride. It meets the nitrogen requirement of the plant in short, medium and long term with its three different nitrogen forms. It meets all needs of the root, trunk and fruit starting from the start until harvesting.

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 10	Special
Ammonium Nitrogen (NH4-N)	% 1	Papper Packaging
Nitrate Nitrogen (NO3-N)	% 9	1KG
Neutral Ammonium Citrate and Water Soluble Phosphorus Pentaoxide (P205)	% 5	
Water Soluble Potassium Oxide (K2O)	% 35	

Increases the efficiency of the fertilizer together with nitrogen and potassium. Increases plumpness, big sizing and starch number during the fruit period. Increases the resistance against diseases, pestilent and cold. Increases the hardness of the fruit.

FLORIS 20 20 20



FLORIS 10 5 35





FLORIS 10 35 5

GUARANTEED CONTENT	(W/W)	PACKAGING TYPES
Total Nitrogen (N)	% 10	Special
Ammonium Nitrogen (NH4-N)	% 9	Papper Packaging
Nitrate Nitrogen (NO3-N)	% 1	1KG
Neutral Ammonium Citrate and Water Soluble Phosphorus Pentaoxide (P2O5)	% 35	
Water Soluble Potassium Oxide (K2O)	% 5	

Increases the product variation during flowering, growth and fruit periods.
Provides a proper formation of the root growth.
Increases flowering and pollination.
It is applied before flowering.
Increases the cell formation.

DÖGER[®]
Kimya&Tarım Ltd. Şti

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