



1975 The private company was found by Mehmet Zahit ÜNALDI which has later been incorporated in 1985 into a joint stock company. Its first commercial activity was selling liquid foliar fertilizers that were imported by a chemical company based in Istanbul. This marketing activity was transformed into production in the year 1976.

1977 The production of a 100% locally produced liquid fertilizer with the brand name FOSKANA began.

1980 600 tons out of the country's annual requirement of liquid foliar fertilizer totaling 1500 tons, was supplied by our company.

1982 The 100% local, made in Turkey chelated trace element fertilizer brand FOLIAR started to be produced. The production of this cost-efficient product resulted in an annual import rate reduction of the same product group by 15-17%.

1983 The screening of moss- peat beds across Turkey began with the contribution of the Ege University (Ege Universitesi). The first operating license was received for the Bolu-Yençağa region which was found to be the first commercially valuable one. In this same year Turkey met moss-peat. Grass fields meeting European standards could only be finished after the introduction of moss-peat our company started to offer to the Turkish market in the year 1983.

Observations have shown that the fields treated with moss-peat had a service life of 6 to 7 seasons; whereas the fields made with conventional methods of cutting grass and using organic animal fertilizers hardly ever lasted one season. Since its introduction to the market, moss-peat has become the mediocre used in the germination of hybrid seeds and the basis of the development of seedling-sapling-hybrid seed production in Turkey.

90's The development of agriculture and greenhouse growing in Turkey has led to developments in drip irrigation and fertilization systems, which resulted in new fertilizer needs.

Our company officially began producing Turkey's first domestic drip fertilizer on 31/08/1990 in line with the recommendation and controls of the Ege University (Ege Üniversitesi) Faculty of Agriculture. This domestic production has been inspiring to other companies and helpful in stopping the importation of foreign based drip fertilizer products.

1994 The need for increasing number of green fields was emerging as a result of improvement in cities, tourism and sports facilities. This need channeled us to produce and market GH GRASS, our specially formulated grass fertilizer. GH GRASS is also the first domestically produced grass fertilizer in Turkey.

Since this date, our company has set environmental awareness and sensitive agriculture as its R&D focus area, began preparing its soil structure improving products.

1997 Since the research of the benefits of humic acids used as soil conditioners for plant development has shown positive results, it has been decided to import a product with these characteristics which was found in Germany.

1999 A partnership with the German humic acids and related product producer has been formed.

2000 Taking the needs of grass fields into consideration, we started to produce and market a new product named BIO GRASS which was containing 50% of organic substances.

The idea of coating chemical fertilizers with organic substances came up during ongoing research and as a result, R&D started to focus in that direction. This research soon resulted in the development of BIOCOMP, an organic substance coated chemical fertilizer.

BIOCOMP®

BIOCOMP is an ideal organomineral fertilizer with high levels of N-P-K and natural humus.

BIOCOMP's organic part is made of humus that contains humic acids which facilitate the intake of nutrients and provide balanced long-term nutrition for plants. Naturally this also contributes positively to the general soil structure.

Chemical fertilizers that are used for many years in soil have a negative effect on both the soil and yield. BIOCOMP fertilizers aim to prevent these chemical fertilizer effects with the help of distinctive fertilizer characteristics such as;

- · Preventing barren by avoiding salinity.
- Allowing plants to absorb the entire nutrients in the soil in a balanced manner by increasing microbiological activity in the soil.
- The humus keeps all nutrients in the soil, and as a result reduces fertilizer consumption and loss.
- · Balancing aeration capacity and water retention of the soil.
- . Improving soil structure and supports plant root development.
- Enhancing nutrients in soil via microbiological activity.
- · Enhancing soil nutrient capacity.
- · Preventing sudden pH value changes in soil.
- Preventing nutrients (especially nitrogen) from being washed away by excessive rainfall and excess watering
- · Preventing bond building of lime and phosphorus in soil.
- . Enabling the release of fixed macro nutrients in the soil.
- Improving soil temperature to help early germination of seeds; supporting healthy and strong growth of seedlings.
- · Preventing duff layer formation.
- Increasing organic matter amount (humus) in soil with annual regular use; reducing drought stress of new plants.

HUMUS

It is an ideal, long-lasting preparation (Leonardite based) formed by decomposition of vegetable materials under the soil for a time period of thousands of years. It supports plant growth by regulating the soil structure with humic and fulvic acids that it is containing.

BIOCOMP

12-12-12+20 SO3



The organomineral fertilizer BIOCOMP 12-12-12 does not only meet the nutritional requirements of plants with its content of Macro and Micro elements, but it also meets the needs of soil with its high content of organic matter (HUMUS). Thus the soil structure improved and the nutrients needed by plants are distributed in a balanced manner

APPLICATION

Use 25 - 50 kg per 1000 m2 during soil preparation. BIOCOMP 12-12-12 is a general fertilizer which can be used with all types of vegetables, fruit trees, grain, corn and olives. It is suggested for balanced fertilization in areas where soil analyses are not conducted.

2 ORGANIC +

%8 HUMIC+FULVIC ACID pH value: 5.5 - 7.5

MINERALS

MACRO ELEMENTS MICRO ELEMENTS

N: %12 P2Os: %12 K2O: %12 50x %20

Fe: %0.05 Mn: %0.01 Zn: %0.01



BIOCOMP'

7-18-20+17 SO₃

BIOCOMP 7-18-20 is an ideal fertilizer mix for root growth, fruit and vegetable production. Its high potassium content increases trees' frost resistance. It easily supplies sulphur, a main nutrient for plants, from its own structure. BIOCOMP 7-18-20 is a potassium based fertilizer which does not contain any chlorine ingredients.

APPLICATION

Use during either spring season or autumn season. Depending on the age of the fruit tree that is going to be fertilized, itt is recommended to use 0.5 - 1.5 kg of fertilizer into the soil that should previously been hoe dug along the tree's drip line. Soil analysis results from a depth of 5 -10 cm should be taken into account during soil preparation. In accordance with these results a fertilizer amount of 20 - 30 kg is recommended for vegetable farming.

%12 ORGANIC +

%8 HUMIC+FULVIC ACID

%80 MINERALS

MACRO ELEMENTS N: %7 P2Os: %18 K2O: %20 50 E %17

MICRO ELEMENTS

Fe: %0.05 Mn: %0.01 Zn: %0.01



BIOCOMP

It is a fertilizer that should be applied to grown products by scattering over the surface of the soil. Its special nitrogen characteristic allows long-term absorption, resulting in prevention of nitrogen lacks in plants.

APPLICATION

It is suggested to use 25 - 50 kg for any kind of vegetable, fruit tree and

2 ORGANIC + %8

HUMIC+FULVIC ACID pH value: 5.3 - 7.3

N: %37

MINERALS

MACRO ELEMENTS MICRO ELEMENTS

Fe: %0.05 Mn: %0.01 Zn: %0.01



BIOCOMP"

13-25-5+8 SO3

BIOCOMP 13-25-5+8 SO3 is a fertilizer being suggested for the produce of cotton, sunflower, feed crops, corn and fruit during field preparation. The fertilizer should be applied 5 - 10 cm below the prepared field soil level.

APPLICATION

In fertilizing each area of 1000 m2 use: 15 - 40 kg in cereal, cotton, sunflower, corn and 25 - 50 kg in fruit and vegetables fertilization; as it is suggested by soil analyses results and plant needs.

HUMIC+FULVIC ACID %15 SUBSTANCE pH value: 5.4 - 7.4

%80	MACRO ELEMENTS	N: %13 PzOs: %25 KzO: %5 SOs: %8
MINERALS	MICEO	Fe: %0.05 Mn: %0.01 Zn: %0,01



BIOCOMP

BIOCOMP 10-5-25 is a fertilizer mainly used in high quality produce of fruit and vegetables. It has a high rate of potassium which enhances the taste and aroma of plants.

As a result of using this fertilizer have we observed not only increasing efficiencies in farming fields, but also better qualities in fruit products, especially grapes and vineyards.

APPLICATION

For grapes and vineyards it is suggested to use 25 - 30 kg to fertilize an area of 1000 m2, It is also recommended to use during spring and autumn seasons with fruit trees by applying 0.5 - 1.5 kg of fertilizer into the soil that should previously been hoe dug along the tree's drip line. If you plan on farming vegetables instead. 20 - 30 kg is recommended at a depth of 5 - 10 cm applied during soil preparation.

%12 ORGANIC + %8 HUMIC+FULVIC ACID

%80 MINERALS

MACRO ELEMENTS MICRO ELEMENTS

N: %10 P2Os: %5 K2O: %25 Fe: %0.05 Mn: %0.01 Zn: %0.01



BIOCOMP'

This fertilizer has macro and micro nutrients that support plant growth. It is excellent for root development of fruit, vegetable and especially tobacco plants. ed to use 20 - 40 kg to fertilize an It does not have any chlorine ingredient and increases leaf numbers as well as leaf size in tobacco plants. Therefore it is area of 1000 m2 of tobacco. a mainly requested fertilizer in the tobacco industry.

APPLICATION

According to soil analysis and plant nutrition requirements it is suggestarea of 1000 m2 of fruit and vegetables, and 15 - 25 kg to fertilize an

- %8 HUMIC+FULVIC ACID

%80	MACE
MINERALS	MICR

N: %7 P2O1: %14 K2O: %21 Fe: %0.05 Mn: %0.01 Zn: %0.01

BIOCOMP 0 - 0 - 40

BIOCOMP 0-0-40 is based on potassium sulphate and is free of chlorine. It is prepared to meet maturation needs of plants and supplies fruit nutrition that helps the fruit to grow, become juicy and Depending on the tree's age, an

APPLICATION

It is suggested to be mixed with soil and to be applied during spring and autumn at a fruit tree's drip line. amount of 0.5 - 1.5 kg is suggested.

HUMIC+FULVIC ACID

100				
0	1		Y	7
	0		1	•)
100	i de la constante de la consta		a	4
M	IN	ER	A	LS

N: %0 P2Os: %0 K2O: %40 Fe: %0.05 Mn: %0.01 Zn: %0.01



BIOCOMP

10-10-10+10 SO3

Due to its high humic and fulvic acid content and balanced ingredients. BIOCOMP 10-10-10+10 503, is the fertilizer of choice when it comes to vine growing, fruit farming and vegetable cultivation. Its formula contains sufficient amounts of sulfur that meets plant needs, and high amounts of potassium which increases frost resist-

According to soil analysis and plant nutrition requirements it is suggested to use 15 - 40 kg to fertilize an area of 1000 m2 of cereal, cotton. sunflower, corn; and 25 - 50 kg to fertilize an area of 1000 m2 of fruit and vegetables.

HUMIC+FULVIC ACID

%80 MINERALS

MACRO N: %10 Page: %10 Kag: %10 ELEMENTS 50s: %10 MICRO Fe: %0.05 Mn: %0.01 Zn: %0.01 ELEMENTS

BIO-N LIQUID

THE NEW FORM OF NITROGEN

HIGH NITROGEN AND PURE HUMIC ACID SOURCE

LIQUID ORGANOMINERAL PERTILIZED

BIO-N LIQUID has high amounts of nitrate, ammonium and urea ingredients.

It improves plant growth speed with the help of its humic and fulvic acid based organic materials content.

The use of BIO-N LIQUID prevents nitrogen loss, drying, burning and similar problems.

It improves the plant branching and leaf activities, prevents shrubs and weak plant growth, and helps fruit to grow bigger and riper.

It should be applied to plants that especially need high nitrogen such as corn, potato, sunflower, olive, wheat and barley; and supports dry planting such as potatoes and tomatoes.

BIO-N LIQUID shows positive results on plants by supporting plant and immediate vegetative growth as it is applied safely in leaf, rain irrigation and drip irrigation systems.

PRODUCT INGREDIENTS

GUARANTEED INGREDIENT : W/W
TOTAL ORGANIC MATERIAL :% 10
TOTAL NITROGEN (N) :% 25
UREAL NITROGEN :% 11
AMMONIUM NITROGEN :% 7
TOTAL NUMIC+FULVIC ACID :% 5
MAXIMUM CHLORINE (CI) :% 1
pH VALUE :3-5



HF30 MAXIMUM VALUE, MAXIMUM EFFICIENCY MAX LIQUID ORGANOMINERAL FERTILIZER

It is an organominerial structured leaf fertilizer with high contents of macro-micro elements and humic - fulvic acids. which shows quick improved results. In some circumstances plants cannot receive the needed elements easily due to varying soil structures (pH). In such cases it supports growth by balancing and easing nutrition intake of plants. It improves the overall plant resistance against stress periods such as extreme heat, extreme cold, agrochemicals and pruning; and can easily be used in any season of the year.





: % 10

: % 15

: % 0.05 3

: % 0,02

: % 0.02

: % 0,01

: % 0.01

: 3-5

: % 0,001

TOTAL HUMIC+FULVIC ACID

SOLUBLE MANGANESE (Mn) ...

SOLUBLE COPPER (Cu) MANUE

SOLUBLE MOLYBDENUM (Mo)

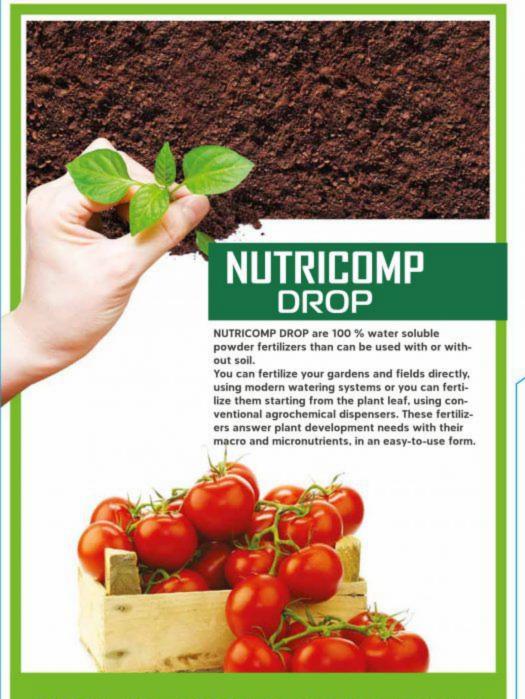
SOLUBLE IRON (Fe) DENIEN

SOLUBLE ZINC (Zn) IN MATE

SOLUBLE BORON (B) CONTROL

MAXIMUM CHLORINE (CI)

pH VALUE



QUALITY PRODUCTS, GREAT PROFITS

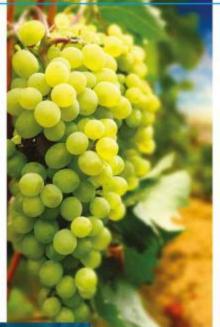


20-20-20+TE NPK FERTILIZER BLENDED EC FERTILIZER

This fertilizer helps supply plants all nutrients that is needed at any growth period due to its balanced formulation and improves the overall quality of your produce. It contains nitrogen in urea form.

GUARANTEED INGREDIENT (W/W)

Total Nitrogen (N)	% 20
Ammonium Nitrogen (NH4-N)	% 3,4
Nitrate Nitrogen (NO3-N)	% 5,3
Amine Nitrogen (NH2-N)	% 11,3
Soluble Phosphorus pentoxide (P2O5) (in water)	% 20
Soluble Potassium oxide (K2O) (in water)	% 20
Soluble Boron (B) In water)	% 0,02
Soluble Copper (Cu) (in world)	% 0,02 completely chalated with EDTA
Soluble Iron (Fe) (in water)	% 0,08 completely chalarted with EDTA
Soluble Manganese (Mn) in water)	% 0,03 completely shallowed with ECTA
Soluble Molybdenum (Mo) (in water)	% 0,002
Soluble Zinc (Zn) in violer)	% 0,03 completely chalated with ECTA
Stable chelate pH range (for Fe)	2-6,5
Stable chelate pH range (for Cu Mn Zn)	2–11





18-18-18+TE NPK FERTILIZER BLENDED EC FERTILIZER

It is a fertilizer that can be used for seeding and plating. It contains high and equal proportions of nutrients which provide rapid and balanced development of plants.

GUARANTEED INGREDIENT (W/W)

Total Nitragen (N)	% 18
Ammonium Nitrogen (NH4-N)	% 8,8
Nitrate Nitrogen (NO3-N)	% 9,2
Soluble Phosphorus pentoxide (P2OS) in vote	% 18
Soluble Patassium axide (K2O) In solet	% 18
Soluble Boron (B) In works	% 0,01
Soluble Copper (Cu) in water	% 0,01
Soluble Iron (Fe) in water)	% 0.05
Soluble Manganese (Mn) to water	% 0,02
Soluble Molybdenum (Mo) (name)	% 0.001
Soluble Zinc (Zn) in water	% 0,02
Stable chelate pH range (for Fe)	2-6,5
Stable chelate pH range (for Cu Mn Zn)	2-11



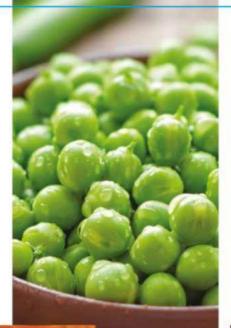


15-30-15+TE NPK FERTILIZER BLENDED EC FERTILIZER

It is an ideal fertilizer especially which increases fertility before the flowering period, until the fruiting. It is ideally used to increase root development and to meet the phosphorus requirements of plants.

GUARANTEED INGREDIENT (W/W

Total Nitrogen (N)	% 15
Ammonium Nitrogen (NH4-N)	% 9
Nitrate Nitragen (NO3-N)	% 6
Soluble Phosphorus pentoxide (P2O5) or your	% 30
Soluble Potassium axide (K2O) In sector	% 15
Soluble Boron (B) In wated	% 0.01
Soluble Copper (Cu) in water	% 0,01
Soluble Iron (Fe) in water!	% 0,05 amount
Soluble Manganese (Mn) in water!	% 0,02
Soluble Molybdenum (Mo) in water	% 0,001
Soluble Zinc (Zn) in voted	% 0,02
Stable chelate pH range (for Fe)	2-6,5
Stable chelate pH range (for Cu Mn Zn)	2-11





10-5-40+TE NPK FERTILIZER BLENDED EC FERTILIZER

It is a fertilizer that improves the color, aroma and quality of fruit within a period of 2 - 3 weeks before harvesting. It also increases the produce's shelf life with a higher dry matter rate and supports its maturity.

GUARANTEED INGREDIENT (W/W)

Total Nitrogen (N)	% 10
Ammonium Nitrogen (NH4-N)	% 2,2
Nitrate Nitrogen (NO3-N)	% 7,8
Soluble Phosphorus pentoxide (P2O5) in water	% 5
Soluble Potassium axide (K2O) to water	% 40
Soluble Boron (B) to worse	% 0.01
Soluble Copper (Cu) to some	% 0.01
Soluble Iron (Fe) (count)	% 0.05
Soluble Manganese (Mn) Invested	% 0.02
Soluble Molybdenum (Mo) to world	% 0,001
Soluble Zinc (Zn) in week)	% 0.02
Stable chelate pH range (for Fe)	2-6,5
Stable chelate pH range (for Cu Mn Zn)	2-11





16-8-24+ 2Mg0+TE NPK FERTILIZER BLENDED EC FERTILIZER

This fertilizer ensures higher quality produce by stabilizing plant metabolism at certain values right after flowering. It serves for a faster maturity of the plant and helps the green parts improve. It also supports photosynthesis with its Magnesium content.

GUARANTEED INGREDIENT (W/W)

Total Nitrogen (N)	% 16
Ammonium Nitrogen (NH4-N)	% 6,6
Nitrate Nitrogen (NO3-N)	% 9,4
Soluble Phosphorus pentoxide (P2O5) In world	% 8
Soluble Potassium oxide (K2O) in natel	% 24
Soluble Magnesium oxide (MgO)	% 2
Soluble Boron (B) (a water)	% 0,01
Soluble Copper (Cu) in world	% 0.01
Soluble Iron (Fe) to wood	% 0.05
Soluble Manganese (Mn) to water	% 0,02
Soluble Molybdenum (Mo) (n voter)	% 0,001
Soluble Zinc (Zn) (n-waw)	% 0.02
Stable chelate pH range (for Fe)	2-6,5
Stable chelate pH range (for Cu Mn Zn)	2-11



GRASS FERTILIZERS

GH BIO GRASS

FERTILIZER THAT SUPPORTS THE DARKER GREEN COLOUR DURING GRASS FIELD IMPROVEMENTS AND REPAIRS

GH BIO GRASS is used in all seasons.

The balanced content of GH BIO GRASS allows it to be used on plants without burning even at extreme temperatures. Its organic-mineral structure supplies a balanced amount of nutrients to plants and decreases the lack of minerals in the soil itself.

Healthier plants with GH BIO GRASS.

GH BIO GRASS is a fertilizer with a granular structure that helps it to be evenly spread on the fields, and is very easy to use. The organic material this fertilizer contains is humus; creating greener, healthier grass fields and healthier growing plants, just as you desire. Results can be seen better on sports fields that are used roughly and more often.

BIO GRASS is environmentally friendly.

The balanced content of GH BIO GRASS allows it to be used on plants without burning even at extreme temperatures. Its organic-mineral structure supplies a balanced amount of nutrients to plants and decreases the lack of minerals in the soil itself.

APPLICATION

The application must be done 4 times within a year in order to ensure the desired results of the fertilizer (once in every 3 months). Application has to be done by sprinkling equal proportions on top of the plants. The garden must be watered after fertilizer application.

ORGANOMINERAL GRASS FERTILIZER %20 ORGANIC - %80 MINERAL

Organic Material: 20 % Nitrogen (N): 15 %

Phosphorus Pentoxide (P2o5): 10 %

Potassium Oxide (K2o): 10 %

Iron (Fe): 0.05 %

Manganese (Mn): 0.01 %

Zinc (Zn): 0.01 % Magnesium (Mg): 1 % Copper (Cu): 20 %





GRASS FERTILIZERS

GH GRASS FERTILIZER THAT SUPPORTS THE DARKER GREEN COLOUR DURING GRASS FIELD IMPROVEMENTS AND

GH GRASS is a systematic fertilizer with sudden effects...
considerable changes can be monitored within the first week
of application. On the worn-out fields GH GRASS gives
strength to the grass. GH GRASS not only contains all the
macro nutrients a healthy plant needs but also includes all
required micro elements in chelated form.

APPLICATION

REPAIRS

The application must be done 3 times within a year in order to ensure the desired results of the fertilizer (once in every 4 months). GH GRASS has a granular structure and its application has to be done by sprinkling equal proportions on top of the plants. Fertilization is best done in the evening hours and the fertilizer agarden must be watered after fertilizer application. No burning effect is observed when used in the proper doses.

RICH CONTENT

GH GRASS is a special grass fertilizer that is rich in macro and micro elements, it meets all nutritional needs of grass plants which results in the best conditions for a long-lasting and healthy grass garden.

Due to its foliar fertilizer characteristics, it can easily be absorbed by plants.

NITROGEN (N): 25 %
PHOSPHORUS PENTOXIDE (P2O5): 5 %
POTASSIUM OXIDE (K2O): 8 %
IRON (Fe): 0.04 %
ZINC (Zn): 0.02 %
MAGNESIUM (Mg): 2 %
MANGANESE (Mn): 0.03 %
COPPER (Cu): 0.02 %



Professional Preference of Amateurs



CHI

GRRSS ANI ETKIU

OIM GÜRREN

GH FOLIAR FERTILIZERS

GH DRIP is a foliar fertilizer that consists of macro and micro nutrients needed by plants. Its fast effecting nature increases efficiency by decreasing ripening time.

GH DRIP foliar fertilizers are very convenient to use with other agricultural protection chemicals by the help of their high water solubility and non-toxic effects.

Easy to apply: this fertilizer is water soluble, non-toxic and can be used together with other pesticides

20-20-20+ME **FOLIAR FERTILIZER EC FERTILIZER**

It is a balanced fertilizer and is recommended to be applied 2-3 times during vegetative development.



12-5-41+ME **FOLIAR FERTILIZER EC FERTILIZER**

It is a potassium-weighted fertilizer and is recommended to be applied 2-3 times for increasing overall fruit quality and plant illnesses resistance.



12-40-15+ME **FOLIAR FERTILIZER EC FERTILIZER**

It is a phosphorus -weighted fertilizer and is recommended to be applied 2-3 times for root and flower development.



