

≡ GÜBRETAS



2025

SOLID CHEMICAL FERTILIZERS
TECHNOLOGY-ENHANCED FERTILIZERS
ORGANIC AND ORGANOMINERAL FERTILIZERS
LIQUID AND WATER-SOLUBLE FERTILIZERS
MICRO GRANULAR FERTILIZER * BIOSTIMULANTS
AUXILIARY PRODUCTS * PLANT NUTRITION PACKAGES

COMPANY PROFILE

Gübretaş was founded in 1952 with the idea of increasing agricultural productivity through the use of chemical fertilizers. Since then, it has consistently played a pioneering role in its sector. By establishing Turkey's first chemical fertilizer factory, it produced the country's first phosphorous and compound fertilizers. Over the past 73 years, Gübretaş has grown steadily and succeeded in becoming one of Turkey's top 50 industrial companies.

Today, Gübretaş continues its journey with the vision of "becoming a global company that creates added value for its stakeholders." With its strong distribution network, rich and diversified product range, high perception of quality, and social responsibility projects, Gübretaş is one of the leading companies in the sector.

One of Gübretaş's missions is to promote conscious agricultural production. To guide farmers in plant nutrition based on scientific methods, Gübretaş established its first soil analysis laboratory in 1985. Since then, it has collected data on the soil structure of agricultural lands across Turkey and, based on this knowledge, has developed "fertilizers tailored to specific plants and regions." Every year, Gübretaş provides training to thousands of farmers to promote conscious plant nutrition.

As a company of the Agricultural Credit Cooperatives, Gübretaş continues to add value to these lands with its 73 years of experience and strong vision.





1

SOLID CHEMICAL FERTILIZERS

Chemical fertilizers hold a significant place among the essential inputs required for achieving abundant and high-quality agricultural production. When considering the effects of agricultural inputs such as pesticides, seeds, fertilizers, machinery, etc., it has been determined that fertilizers alone can increase crop yield by up to 50–70%. With balanced and regular fertilization:

- Higher yields can be obtained from each unit of land,
- The quality of products is improved,
- Soil fertility is maintained, ensuring sustained profitability,
- A better growing environment is created for plants,
- Nutrients lost from the soil through various means are replenished.

To date, Gübretaş has offered specially formulated fertilizers for crops such as corn, sunflower, cereals, sugar beet, paddy rice, hazelnuts, pistachios, and hemp-plants that play a vital role in the national economy-by considering both the specific needs of the crop and the structure of the soil.

To grow high-yield and high-quality crops for sustainable agriculture and to increase farmers' income, it is essential not only to choose the right fertilizers that meet the plant's needs but also to pay attention to the principles of plant nutrition—such as the quantity, timing, and method of application. In order to achieve balanced and consistent fertilization, soil and leaf analyses must be conducted.

SPECIAL FERTILIZERS

- 13.25.5+(10SO₃)+ME
- 13.24.12+(10SO₃)+ME
- 13.18.15+(2MgO)+(10SO₃)
- 13.18.15+(2MgO)+(10SO₃)+ME
- 15.20.10+(2MgO)+(5SO₃)+ME
- 18.14.14+(2MgO)+ME
- 15.25.10+10(SO₃)+ME
- FULLFOUR
- K-EXPERT

NITROGENOUS FERTILIZERS

- GRANULAR UREA
- NITROPOWER
- FULLGREEN

- GREENFEST
- AMMONIUM SULFATE
- GRANULAR AS
- CAN

CLASSIC FERTILIZERS

- 20.20.0
- 20.20.0+ME
- 15.15.15
- 15.15.15+ME
- 25.5.10
- DAP
- MAP
- TSP
- POTASSIUM SULFATE GRANULAR

SPECIAL FERTILIZERS

13.25.5+(10S₀₃)+ME[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NH ₃)	10
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	25
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	22
POTASSIUM OXIDE Soluble in Water (K₂O)	5
SULFUR TRIOXIDE Soluble in Water (S₀₃)	10
Total ZINC (Zn)	0.5

13.24.12+(10S₀₃)+ME[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NH ₃)	10
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	24
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	22
POTASSIUM OXIDE Soluble in Water (K₂O)	12
Total SULFUR TRIOXIDE (S₀₃)	10
Total ZINC (Zn)	0,5



13.18.15+(2MgO)+(10SO₃)[GO TO PRODUCT](#)**GUARANTEED CONTENT****(w/w%)**

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NH ₃)	8
Urea Nitrogen (N-NH ₂)	5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	18
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	16
POTASSIUM OXIDE Soluble in Water (K₂O)	15
Total MAGNESIUM OXIDE (MgO)	2
Total SULFUR TRIOXIDE (SO₃)	10

13.18.15+(2MgO)+(10SO₃)+ME[GO TO PRODUCT](#)**GUARANTEED CONTENT****(w/w%)**

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NH ₃)	8
Urea Nitrogen (N-NH ₂)	5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	18
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	16
POTASSIUM OXIDE Soluble in Water (K₂O)	15
Total MAGNESIUM OXIDE (MgO)	2
Total SULFUR TRIOXIDE (SO₃)	10
Total BORON (B)	0,5

15.20.10+(2MgO)+(5SO₃)+ME[GO TO PRODUCT](#)**GUARANTEED CONTENT****(w/w%)**

Total NITROGEN (N)	15
Ammonia Nitrogen (N-NH ₃)	10
Urea Nitrogen (N-NH ₂)	5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	20
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	17
POTASSIUM OXIDE Soluble in Water (K₂O)	10
Total MAGNESIUM OXIDE (MgO)	2
Total SULFUR TRIOXIDE (SO₃)	5
Total ZINC (Zn)	0,5



18.14.14+(2MgO)+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	18
Ammonia Nitrogen (N-NH ₃)	8
Urea Nitrogen (N-NH ₂)	10
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	14
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	12
POTASSIUM OXIDE Soluble in Water (K ₂ O)	14
Total MAGNESIUM OXIDE (MgO)	2
Total BORON (B)	0,3
Total ZINC (Zn)	0,3

15.25.10+10(SO₃)+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15
Ammonia Nitrogen (N-NH ₃)	9
Urea Nitrogen (N-NH ₂)	6
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	25
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	22
POTASSIUM OXIDE Soluble in Water (K ₂ O)	10
Total SULFUR TRIOXIDE (SO ₃)	10
Total ZINC (Zn)	0,5

FULLFOUR

15.15.15+(15SO₃)
[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15
Ammonia Nitrogen (N-NH ₃)	12
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	15
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	13,5
POTASSIUM OXIDE Soluble in Water (K ₂ O)	15
SULFUR OXIDE Soluble in Water (SO ₃)	15



K-EXPERT

12.16.12+(12S₂O₃)+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	12
Ammonium Nitrogen (N-NH ₄)	9
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	16
Water Soluble PHOSPHORUS PENTAOXID (P₂O₅)	14
POTASSIUM OXIDE Soluble in Water (K₂O)	12
Total SULFUR TRIOXIDE (SO₃)	12
Total BORON (B)	0,2

NITROGENOUS FERTILIZERS

GRANULAR UREA

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	46
Urea Nitrogen (N-NH ₂)	46

NITROPOWER

Urea Ammonium Sulfate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	33
Ammonia Nitrogen (N-NH ₃)	6
Urea Nitrogen (N-NH ₂)	27
Total SULFUR TRIOXIDE (SO₃)	14
Total IRON (Fe)	0,5



FULLGREEN

(100%) Water Soluble Urea Ammonium Sulfate

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	33
Ammonia Nitrogen (N-NH ₃)	10,5
Urea Nitrogen (N-NH ₂)	22,5
Sulfur TRIOXIDE Soluble in Water (SO ₃)	30

GREENFEST

Magnesium Additive Urea Ammonium Sulfate

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	33
Ammonia Nitrogen (N-NH ₃)	6
Urea Nitrogen (N-NH ₂)	27
Sulfur TRIOXIDE Soluble in Water (SO ₃)	14
Total MAGNESIUM OXIDE (MgO)	2
Total IRON (Fe)	0,5

AMMONIUM SULFATE

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	21
Ammonia Nitrogen (N-NH ₃)	21

GRANULAR AS

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	20,5
Ammonia Nitrogen (N-NH ₃)	20,5



CAN

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	26
Ammonia Nitrogen (N-NH ₃)	13
Nitrate Nitrogen (N-NO ₃)	13

CLASSIC FERTILIZERS

20.20.0

Nitrogen can be found in the form of ammonia (N-NH₃), urea (N-NH₂) and nitrate (N-NO₃).

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	20
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	20
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	17

20.20.0+ME

Nitrogen can be found in the form of ammonia (N-NH₃), urea (N-NH₂) and nitrate (N-NO₃).

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	20
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	20
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	17
Total ZINC (Zn)	1

15.15.15

Nitrogen can be found in the form of ammonia (N-NH₃), urea (N-NH₂) and nitrate (N-NO₃).

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	15
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	13
POTASSIUM OXIDE Soluble in Water (K ₂ O)	15



15.15.15+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15
Ammonia Nitrogen (N-NH ₃)	12
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	15
POTASSIUM OXIDE Soluble in Water (K ₂ O)	15
Total SULFUR TRIOXIDE (SO ₃)	15
Total ZINC (Zn)	1

25.5.10

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	25
Ammonia Nitrogen (N-NH ₃)	7.5
Urea Nitrogen (N-NH ₂)	17.5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	5
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	4
POTASSIUM OXIDE Soluble in Water (K ₂ O)	10

DAP

18.46.0

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	18
Ammonia Nitrogen (N-NH ₃)	18
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	46
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	42



MAP

12.52.0



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	12
Ammonia Nitrogen (N-NH ₃)	12
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	52
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	50

TSP

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

Neutral Ammonium Citrate and Water Soluble PHOSPHORUS PENTAOXIDE (P₂O₅)	42
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	39

GRANULAR POTASSIUM SULFATE

[GO TO PRODUCT](#)

GUARANTEED CONTENT

(w/w%)

POTASSIUM OXIDE Soluble in Water (K₂O)	50
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2



TECHNOLOGY-ENHANCED FERTILIZERS

This group includes fertilizers containing phosphorus technology and nitrogen inhibitors.

Phosphorus is a nutrient prone to fixation in the soil. At low pH levels, it binds with elements like aluminum, manganese, and iron, while at high pH levels, it binds with calcium—transforming into forms that are unavailable to plants. Phosphorus technologies have been developed to prevent this fixation, allowing plants to benefit from phosphorus more effectively and for a longer duration.

In nitrogen-based fertilizer applications, losses caused by both volatilization (NBPT Technology) and transformation in the soil (DMPP Technology) are minimized. Thanks to these inhibitors, plants are nourished more efficiently with nitrogen, resulting in increased crop yield and quality.

PHOSPHORUS TECHNOLOGY FERTILIZERS

- ROYAL STARTER EFT DAP
- ROYAL STARTER EFT RICHNESS
- ROYAL STARTER EFT TROPHY
- ROYAL STARTER EFT PRIZE

SLOW RELEASE FERTILIZERS

- SLOWFERT SUPER INCI
- SLOWFERT AS PROFIT
- SLOWFERT BEST STARTER

PHOSPHORUS TECHNOLOGY FERTILIZERS

ROYAL STARTER EFT DAP

GO TO PRODUCT



Phosphorus Technology Fertilizer

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	18
Ammonia Nitrogen (N-NH ₄)	18
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	46
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	42

ROYAL STARTER EFT RICHNESS

GO TO PRODUCT



Phosphorus Technology Fertilizer

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NH ₃)	8
Urea Nitrogen (N-NH ₂)	5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	18
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	16
POTASSIUM OXIDE Soluble in Water (K ₂ O)	15
Total SULFUR TRIOXIDE (SO ₃)	10
Total MAGNESIUM OXIDE (MgO)	2

ROYAL STARTER EFT TROPHY

GO TO PRODUCT



Phosphorus Technology Fertilizer

GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	16
Ammonia Nitrogen (N-NH ₃)	13
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P ₂ O ₅)	24
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	22
Total ZINC (Zn)	0,2
Total SULFUR TRIOXIDE (SO ₃)	20



ROYAL STARTER EFT PRIZE

Phosphorus Technology Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	8
Ammonia Nitrogen (N-NH ₃)	8
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	15
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	13
POTASSIUM OXIDE Soluble in Water (K₂O)	25
Total SULFUR TRIOXIDE (SO₃)	12
Total MAGNESIUM OXIDE (MgO)	2
Total CALCIUM OXIDE (CaO)	4

SLOW-RELEASE FERTILIZERS

SLOWFERT SUPER INCI

Slow Release Fertilizer (NPBT Inhibitor)

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Urea Nitrogen with NBPT Inhibitor (N)	46
Urease Inhibitor (NBPT)	0.069

SLOWFERT AS PROFIT

Slow Release Fertilizer (DMPP Inhibitor)

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	21
Ammonium Nitrogen (N-NH ₄) (With DMPP Inhibitor)	21
Ammonium Inhibitor (DMPP)	0,8



SLOWFERT BEST STARTER

Slow Release Fertilizer (DMPP Inhibitor)

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Ammonium Nitrogen (N-NH ₄) (DMPP Inhibitor)	8
Ammonium Inhibitor (DMPP)	0,8
Urea Nitrogen (N-NH ₂)	5
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	18
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	16
POTASSIUM OXIDE Soluble in Water (K₂O)	15
Total MAGNESIUM OXIDE (MgO)	2
Sulfur TRIOXIDE Soluble in Water (SO₃)	10





3



ORGANIC AND ORGANOMINERAL SOLID FERTILIZERS

This group of plant nutrients is formed by combining organic materials with mineral plant nutrients in specific ratios. Thanks to the mineral and organic substances they contain, organomineral fertilizers increase the nutrient reserves in the soil, creating a rich growth environment for plants.

It is not possible to completely improve the organic matter content of agricultural soils solely through the use of organomineral fertilizers. The goal is to maintain organic matter in the root zone throughout the growing season, thereby enhancing the uptake of nutrients applied alongside chemical fertilizers.

The main approach is to maximize the benefits of chemical fertilizers in order to harvest high-yield and superior-quality agricultural products.

Leonardites, used as a complement to fertilizers due to their high cation exchange capacity, absorb and retain nutrients in the root zone and aid in their transfer from soil to plant. The organomineral fertilizers in our portfolio are produced from the highest quality leonardite sources.

- **LEOLIFE 8.21.0+(10SO₃)+ME**
- **LEOLIFE 24.0.0+(20SO₃)**
- **LEOLIFE 11.11.11+(11SO₃)+ME**
- **LEOLIFE NATURACOMP**

LEOLIFE 8.21.0+(10SO₃)+ME

Solid Organomineral Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT	KÜTLECE (W/W) %
Organic Substance	15
Total NITROGEN (N)	8
Ammonium Nitrogen (N)	8
Total PHOSPHORUS (P ₂ O ₅)	21
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	19
SULFUR TRIOXIDE Soluble in Water (SO ₃)	10
Total ZINC (Zn)	0,1
Total (Humic+Fulvic) Acid	10
Maximum Humidity	20
Maximum CHLORINE (Cl)	1
pH	5,5 - 7,5

LEOLIFE 11.11.11+(11SO₃)+ME

Solid Organomineral Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT	KÜTLECE (W/W) %
Organic Substance	15
Total NITROGEN (N)	11
Urea Nitrogen (N)	4,5
Ammonium Nitrogen (N)	6,5
Total PHOSPHORUS PENTAOXIDE (P ₂ O ₅)	11
PHOSPHORUS PENTAOXIDE Soluble in Water (P ₂ O ₅)	9
POTASSIUM OXIDE Soluble in Water (K ₂ O)	11
Total SULFUR TRIOXIDE (SO ₃)	15
Sulfur TRIOXIDE Soluble in Water (SO ₃)	11
Total ZINC (Zn)	0,2
Total (Humic+Fulvic) Acid	10
Maximum Humidity	10
Maximum CHLORINE (Cl)	8,5
pH	5-7

LEOLIFE 24.0.0+(20SO₃)

Solid Organomineral Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT	KÜTLECE (W/W) %
Organic Substance	20
Total NITROGEN (N)	24
Urea Nitrogen (N)	17,5
Ammonium Nitrogen (N)	6,5
SULFUR TRIOXIDE Soluble in Water (SO ₃)	20
Total (Humic+Fulvic) Acid	14
Maximum Humidity	5
Maximum CHLORINE (Cl)	1
pH	5-7

LEOLIFE NATURACOMP

Solid Organic Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT	KÜTLECE (W/W) %
Organic Substance	50
Total NITROGEN (N)	1
Total (Humic+Fulvic) Acid	15
Total PHOSPHORUS PENTAOKSİT (P ₂ O ₅)	1
POTASSIUM OXIDE Soluble in Water (K ₂ O)	1
Maximum Humidity	30
Maximum EC (dS/m)	12
pH	7-9



4



PLANT NUTRITION GROUP

POWDERED FERTILIZERS

There are various formulations that contain primary nutrients (nitrogen, phosphorus, potassium), secondary nutrients (magnesium, calcium, sulfur), and trace elements (zinc, iron, boron, manganese, copper, molybdenum), either individually or in compound forms. Since the trace elements are chelated, their uptake by the plant is faster and their effectiveness is higher. These elements work in harmony with the primary nutrients to build the foundation needed for high yield and quality in plants.

In cases where plants cannot sufficiently benefit from soil nutrients due to various adverse conditions (drought, excessive rainfall, poor soil conditions, high pH levels, etc.), foliar fertilization can be applied to address nutritional deficiencies that cause growth and development problems.

Our fertilizers can be applied via foliar spray, soil application, or drip irrigation using any type of equipment or method. All of our products are 100% water-soluble.

In line with Gübretaş's high-quality standards, raw materials containing heavy metals, chlorine, or sodium are not used in production. All raw materials are analyzed in our internationally accredited laboratories, and only those meeting the required standards are used.

- **POTASSIUM NITRATE**
- **POTASSIUM SULFATE**
- **MAP**
- **MKP**
- **MAGSUL**
- **MAGSUL PLUS**
- **BESTCALNI**
- **NITRA-MAG**
- **CALSIMAGSI**
- **NITROFERT**
- **FOSFORUM**
- **20.20.20+ME**
- **18.18.18+ME**
- **10.5.40+ME**
- **16.8.24+(2MgO)+ME**
- **10.30.10+ME**
- **20.10.20+ME**
- **DERMIN**
- **ZINC SULFATE**
- **ZINC SULFATE GRANULAR**
- **COMBI PLUS**
- **FERABLE-13**
- **FERABLE-ALFA**

POTASSIUM NITRATE

13.0.45,5

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Ammonia Nitrogen (N-NO ₃)	13
POTASSIUM OXIDE Soluble in Water (K₂O)	45.5

POTASSIUM SULFATE

0.0.50

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

POTASSIUM OXIDE Soluble in Water (K₂O)	50
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MAP

12.61.0

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	12
Ammonia Nitrogen (N-NH ₃)	12
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	61

MKP

0.52.34

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	52
POTASSIUM OXIDE Soluble in Water (K₂O)	34

MAGSUL

Magnesium Sulfate

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

MAGNESIUM OXIDE Soluble in Water (MgO)	16
Sulfur TRIOXIDE Soluble in Water (SO₃)	32



MAGSUL PLUS

Granular Magnesium Sulfate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

MAGNESIUM OXIDE Soluble in Water (MgO)	15
Sulfur TRIOXIDE Soluble in Water (SO₃)	28

BESTCALNI

Calcium Nitrate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15.5
Ammonium Nitrogen (N-NH ₄)	1.1
Nitrate Nitrogen (N-NO ₃)	14.4
CALCIUM OXIDE Soluble in Water (CaO)	26

NITRA-MAG

Magnesium Nitrate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	11
Nitrate Nitrogen (N-NO ₃)	11
MAGNESIUM OXIDE Soluble in Water (MgO)	15

CALSIMAGSI

Calcium Magnesium Nitrate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	13
Nitrate Nitrogen (N-NO ₃)	13
CALCIUM OXIDE Soluble in Water (CaO)	16
MAGNESIUM OXIDE Soluble in Water (MgO)	6

NITROFERT

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	25
Nitrate Nitrogen (N-NO ₃)	6.5
Ammonia Nitrogen (N-NH ₃)	18.5
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	5
Sulfur TRIOXIDE Soluble in Water (SO₃)	30

FOSFORUM

18.44.0

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	18
Ammonia Nitrogen (N-NH ₃)	11
Urea Nitrogen (N-NH ₂)	7
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	44

20.20.20+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	20
Ammonia Nitrogen (N-NH ₃)	3.9
Nitrate Nitrogen (N-NO ₃)	5.9
Urea Nitrogen (N-NH ₂)	10.2
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	20
POTASSIUM OXIDE Soluble in Water (K₂O)	20
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02

18.18.18+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	18
Ammonium Nitrogen (N-NH ₄)	8
Nitrate Nitrogen (N-NO ₃)	10
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	18
POTASSIUM OXIDE Soluble in Water (K₂O)	18
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02



10.5.40+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	10
Ammonium Nitrogen (N-NH ₄)	2
Nitrate Nitrogen (N-NO ₃)	8
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	5
POTASSIUM OXIDE Soluble in Water (K₂O)	40
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02

16.8.24+(2MgO)+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	16
Ammonium Nitrogen (N-NH ₄)	5
Nitrate Nitrogen (N-NH ₃)	11
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	8
POTASSIUM OXIDE Soluble in Water (K₂O)	24
MAGNESIUM OXIDE Soluble in Water (MgO)	2
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02

10.30.10+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	10
Ammonia Nitrogen (N-NH ₃)	6,5
Nitrate Nitrogen (N-NO ₃)	3,5
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	30
POTASSIUM OXIDE Soluble in Water (K₂O)	10
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02

20.10.20+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	20
Ammonium Nitrogen (N-NH ₄)	8
Nitrate Nitrogen (N-NH ₃)	12
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	10
POTASSIUM OXIDE Soluble in Water (K₂O)	20
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn) Full Chelated by EDTA	0.02

DERMIN

5.0.13+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	5
Ammonium Nitrogen (N-NH ₄)	5
POTASSIUM OXIDE Soluble in Water (K₂O)	13
BORON Soluble in Water (B)	4
COPPER Soluble in Water (Cu) Full Chelated by EDTA	0.02
IRON Soluble in Water (Fe) Full Chelated by EDTA	0.05
MANGANESE Soluble in Water (Mn) Full Chelated by EDTA	0.02
ZINC Soluble in Water (Zn)	4

ZINC SULFATE

Hepta Hydrate Zinc Sulfate

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

ZINC Soluble in Water (Zn)	22
-------------------------------------	----



ZINC SULFATE GRANULAR

Hepta Hydrate Zinc Sulfate

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

ZINC Soluble in Water (**Zn**)

16

COMBI PLUS

Micro Nutritional Elements Mixture

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

BORON Soluble in Water (**B**)

0,6

COPPER Soluble in Water (**Cu**)

Full Chelated by EDTA

0,7

IRON Soluble in Water (**Fe**)

Full Chelated by EDTA

4

MANGANESE Soluble in Water (**Mn**)

Full Chelated by EDTA

4

ZINC Soluble in Water (**Zn**)

Full Chelated by EDTA

4

MOLYBDENUM Soluble in Water (**Mo**)

0,06

FERABLE-13

Iron Chelated with EDTA

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

IRON Soluble in Water (**Fe**)
pH

Chelated with EDTA

13

1-7

FERABLE-ALFA

Iron Chelated with EDDHA (ORTHO-ORTHO EDDHA 4,8%)

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

EDDHA with Chelated IRON (**Fe**)

6

IRON Soluble in Water (**Fe**)

6

Ortho Ortho EDDHA with Chelated IRON (**Fe**)
pH

4.8

3-11



5



PLANT NUTRITION GROUP

LIQUID FERTILIZERS

There are various formulations that contain primary nutrients (nitrogen, phosphorus, potassium), secondary nutrients (magnesium, calcium, sulfur), and trace elements (zinc, iron, boron, manganese, copper, molybdenum), either individually or in compound forms. Since the trace elements are chelated, they are quickly absorbed by the plant and are highly effective. These trace elements work in harmony with the primary nutrients to build the foundation for high yield and quality in crops.

Due to various adverse conditions (such as drought, excessive rainfall, poor soil conditions, high pH levels, etc.), plants may not be able to absorb sufficient nutrients from the soil, which can result in stunted growth and development. In such cases, foliar fertilization can help address these nutritional deficiencies.

Our fertilizers can be applied through foliar spray, soil application, or drip irrigation using any type of equipment or method.

- **UAN 32**
- **N-GATE**
- **POTASSIUM THIOSULPHATE**
- **10.10.10**
- **POLIFOS-N**
- **PZN-SMART**
- **K-SMART**
- **PCA-SMART**
- **N-ZN 15**
- **CALCIFORCE**
- **MAGNITRA**
- **BESTGREEN**
- **MICRO**
- **TRIOFORCE**
- **ZINC-5 FORTE**
- **ZINC-5 FORTE**
- **BORON-8**
- **MANGANESE**

UAN 32

Urea Ammonium Nitrate Fertilizer Solution



GUARANTEED CONTENT		(w/w%)
Total NITROGEN (N)		32
Ammonia Nitrogen (N-NH ₃)		8
Nitrate Nitrogen (N-NO ₃)		8
Urea Nitrogen (N-NH ₂)		16
BORON Soluble in Water (B)		0,01
COPPER Soluble in Water (Cu)	Full Chelated by EDTA	0,02
IRON Soluble in Water (Fe)	Full Chelated by EDTA	0,02
MANGANESE Soluble in Water (Mn)	Full Chelated by EDTA	0,01
ZINC Soluble in Water (Zn)	Full Chelated by EDTA	0.002
MOLYBDENUM Soluble in Water (Mo)		0,001

N-GATE

Nitrogenous Fertilizer Solution

[GO TO PRODUCT](#)


GUARANTEED CONTENT		(w/w%)
Total NITROGEN (N)		15
Urea Nitrogen (N-NH ₂)		15

POTASSIUM THIOSULPHATE

Liquid Fertilizer Containing Potassium and Sulfur

[GO TO PRODUCT](#)


GUARANTEED CONTENT		(w/w%)
POTASSIUM OXIDE Soluble in Water (K₂O)		25
Sulfur TRIOXIDE Soluble in Water (SO₃)		42



10.10.10+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	10
Urea Nitrogen (N-NH ₂)	10
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	10
POTASSIUM OXIDE Soluble in Water (K₂O)	10
BORON Soluble in Water (B)	0.01
COPPER Soluble in Water (Cu)	Full Chelated by EDTA 0.02
IRON Soluble in Water (Fe)	Full Chelated by EDTA 0.02
MANGANESE Soluble in Water (Mn)	Full Chelated by EDTA 0.01
ZINC Soluble in Water (Zn)	Full Chelated by EDTA 0.002
MOLYBDENUM Soluble in Water (Mo)	0.001
IRON Soluble in Water (Fe)	Full Chelated by EDTA 0.02

POLIFOS-N

11.37.0

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	11
Ammonium Nitrogen (N-NH ₄)	11
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	37

PZn-SMART

3.21.0+ME

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	3
Urea Nitrogen (N-NH ₂)	3
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	21
BORON Soluble in Water (B)	0.2
ZINC Soluble in Water (Zn)	5



K-SMART

5.0.30

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	5
Urea Nitrogen (N-NH ₂)	5
POTASSIUM OXIDE Soluble in Water (K₂O)	30

PCa-SMART

4.28.0+(6Ca0)

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	4
Nitrate Nitrogen (N-NO ₃)	4
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	28
CALCIUM OXIDE Soluble in Water (CaO)	6

N-Zn 15

15.0.0+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	15
Urea Nitrogen (N-NH ₂)	15
ZINC Soluble in Water (Zn)	4

CALCIFORCE

Calcium Nitrate Solution

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	8
Nitrate Nitrogen (N-NO ₃)	8
CALCIUM OXIDE Soluble in Water (CaO)	16
BORON Soluble in Water (B)	0.2



MAGNITRA

Liquid Magnesium Nitrate

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	6
Nitrate Nitrogen (N-NO ₃)	6
MAGNESIUM OXIDE Soluble in Water (MgO)	10

BESTGREEN

25.0.0 Nitrogen Fertilizer Solution

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	25
Urea Nitrogen (N-NH ₂)	21
Nitrate Nitrogen (N-NO ₃)	4
MAGNESIUM OXIDE Soluble in Water (MgO)	5

MICRO

Liquid Micro Plant Nutrient Mixture

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

BORON Soluble in Water (B)		0.2
COPPER Soluble in Water (Cu)	Full Chelated by EDTA	0.3
IRON Soluble in Water (Fe)	Chelated with EDTA	0.8
MANGANESE Soluble in Water (Mn)	Full Chelated by EDTA	0.4
ZINC Soluble in Water (Zn)	Full Chelated by EDTA	0.3

TRIOFORCE

5B+5Zn

[GO TO PRODUCT](#)


GUARANTEED CONTENT

(w/w%)

BORON Soluble in Water (B)	5
ZINC Soluble in Water (Zn)	5



ZINC-5 FORTE

Zinc Based Fertilizer Solution

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

ZINC Soluble in Water (**Zn**)

5

Çinko (**Zn**)

Chelated with EDTA

1

COPPER-5 FORTE

Copper Fertilizer Solution

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

COPPER Soluble in Water (**Cu**)

5

Copper (**Cu**)

Chelated with EDTA

1,5

BORON-8

Boron Ethanolamine

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

BORON Soluble in Water (**B**)

8

MANGANESE

Manganese Sulfate Fertilizer Solution

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

MANGANESE Soluble in Water (**Mn**)

3

MANGANESE (**Mn**)

Chelated with EDTA

2





6



MICRO GRANULAR FERTILIZER

Plant nutrition packages have been developed by Gübretaş's expert agricultural engineers to meet the nutritional needs of economically important crops such as sunflower, cereals, hazelnut, olive, and corn, with the goal of increasing both yield and quality. These packages are carefully formulated based on the specific requirements of each plant.

Our products can be applied via soil, drip irrigation, or foliar spraying using all types of equipment and methods.

- **GF-EARLYFERT**

GF-EARLYFERT

10.48.0+ME

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total NITROGEN (N)	10
Ammonia Nitrogen (N-NH ₄)	10
PHOSPHORUS PENTAOXIDE Soluble in Neutral Ammonium Citrate and Water (P₂O₅)	48
PHOSPHORUS PENTAOXIDE Soluble in Water (P₂O₅)	46
Total ZINC (Zn)	1





7



PLANT NUTRITION GROUP

BIOSTIMULANTS

Biostimulants are composed of amino acids of plant and animal origin, as well as marine water products. Under adverse abiotic and biotic conditions (drought, excessive rainfall, soil structure disruptions, etc.), plants that are experiencing growth and developmental delays due to insufficient utilization of plant nutrients in the soil can be compensated for by foliar feeding. Biostimulant products can be applied using all types of application tools and methods, including drip irrigation and foliar application.

- **AMINO ACID**
- **FORCEFUL AMINO**
- **RESTFUL AMINO**
- **POWERSTIM**
- **İZAMORE**
- **SEARIUS**

AMINO ACID

Liquid Organic Fertilizer of Plant Origin Containing

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Organic Substance	25
Organic Carbon	15
Organic Nitrogen	2
Free Amino Acids	6
pH (10% Solution)	4-6

FORCEFUL AMINO

Liquid Organic Fertilizer of Plant Origin Containing

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total Organic Substance	45
Organic Carbon	25
Organic Nitrogen	3
Free Amino Acids	14
pH (10% Solution)	5-7

RESTFUL AMINO

Liquid Organic Fertilizer of Plant Origin Containing

GO TO PRODUCT



GUARANTEED CONTENT

(w/w%)

Total Organic Substance	32
Organic Carbon	12
Total NITROGEN (N)	4
Organic Nitrogen	4
Free Amino Acids	25
pH	4-6



POWERSTIM

Liquid Organic Fertilizer of Plant Origin Containing

GO TO PRODUCT



GUARANTEED CONTENT	(w/w%)
Organic Substance	50
Organic Carbon	15
Organic Nitrogen	6
Free Amino Acids	12
pH	4-6

IZAMORE

Liquid Organic Fertilizer of Plant Origin Containing

GO TO PRODUCT



GUARANTEED CONTENT	(w/w%)
Organic Substance	30
Organic Carbon	14
Organic Nitrogen	5
Free Amino Acids	22
pH	4-6

SEARIUS

Liquid Seaweed

GO TO PRODUCT



GUARANTEED CONTENT	(w/w%)
Organic Substance	6
Alginic Acid	0.2
Maximum EC (dS/m)	41
pH	3-5





8

PLANT NUTRITION GROUP

ADDITIONAL PRODUCTS

This group consists of supplements used in plant nutrition such as sulfur products, plant growth regulators, spreader-stickers, humic and fulvic acids, and other auxiliary materials.

Our plant nutrition products can be applied through soil, drip irrigation, or foliar spraying using all types of equipment and methods.

- **GF-MIX**
- **WETRON**
- **K-HUMAT**
- **TURKAN SULFUR**
- **TURKAN S-80**
- **CLEANPHOS**
- **PEHAWET**
- **BESTONIK**

GF-MIX

Blending Agent

[GO TO PRODUCT](#)


PLACES USED	RECOMMENDED DOSAGE cc/decare (with 100 liters of water)
With insecticides and fungicides	100-200 ml (With 100 liters of water)
With weed killers	300 ml (With 100 liters of water)
With plant growth regulators	100-200 ml (With 100 liters of water)
With leaf fertilizers	100-200 ml (With 100 liters of water)
With drip fertilizers	200 ml/da (With 100 liters of water)

WETRON

Spreader-Adhesive Organic Silicone

[GO TO PRODUCT](#)


Wetron is a special foliar-applied spreader-adhesive product that ensures fertilizer pesticide solutions spread homogeneously throughout plants (leaf, stem and branch surfaces) and adhere as a thin film layer.

PLACES USED	RECOMMENDED DOSAGE cc/decare (with 100 liters of water)
With insecticides, fungicides and weed killers	10-20 ml
With leaf fertilizers and BGDs	10-20 ml
In plants that are difficult to wet	35 ml
With weed killers	35 ml
In cultivated plants	10-20 ml
Cleaning of spraying equipment	10-20 ml

K-HUMAT

Potassium Humate

[GO TO PRODUCT](#)


GUARANTEED CONTENT	By mass (w/w%)
Total ORGANIC MATTER	25
Total (Humic+Fulvic) Acid	80
POTASSIUM OXIDE Soluble in Water (K₂O)	10
Maximum Humidity	20
pH (in 10% Solution)	9-11



TURKAN SULFUR

Elemental Powder Sulfur, Soil pH Regulator

GO TO PRODUCT



Used to regulate pH of alkaline soils and supply sulphur for plant requirements. Sulphur helps plant to intake nutrition elements from root. Prevents over fertilizer usage by enhancing soil structure. Sulphur, used for ecreasing soils pH, must be blended to soil. Sulphur implementation should be done on spring or autumn.

GUARANTEED CONTENT

By mass (w/w%)

Total SULFUR TRIOXIDE (SO_3)

%245

TURKAN S-80

Elemental Liquid Sulfur, Soil pH Regulator

GO TO PRODUCT



Liquid sulphur in elemental S form, is a product used for improving soil by regulating pH of soil. It enables the lime in the soil to be dissolved. Turkan S-80 avoids saltiness in soil and reduces it. S-80, facilitates intake of macro and micro elements which plant can not absorb due to high pH. It eliminates sulphur deficiency of plant and soil. Liquid sulphur can be used in all kinds of fruits, vegetables and harvest lands.

GUARANTEED CONTENT

By mass (w/w%)

Micronized Elemental Sulfur

800

CLEANPHOS

Phosphoric Acid

GO TO PRODUCT



One of the basic problems of drip irrigation system in occlusion of drippers. Poor quality water filters, low flow rate of system, such as the reasons for low operating pressures over time leads to blockages. CLEANPHOS, cleaner feature that increases the efficiency of irrigation system, eliminating negativity. irrigation is recommended to apply several times during the season.

GUARANTEED CONTENT

By mass (w/w%)

PHOSPHORUS PENTAOXIDE Soluble in Water (P_2O_5)

61



PEHAWET

Spreader Adhesive and pH Regulator

[GO TO PRODUCT](#)

Pesticides and fertilizers are usually prepared with artesian water is usually has high pH and is hard. High pH waters, may lead to unwanted changes in the medicines and fertilizers prepared. Accelerating deterioration of pesticides prepared by the duration of such Waters, the effect is reduced at times. To eliminate this negative adjustment of the pH value of water, hardness should be balanced. It helps homogenous spreading of pesticides and fertilizer on leaf surface preventing any sort of burning or nutrient accumulation. By solving these problems, PEHAWET, ensures a better result in agricultural production.

USED PLACES	RECOMMENDED DOSAGE cc/da (with 100 liters of water)
With insecticide, fungicide and weed killer	50-100
With foliar fertilizers and plant growth regulators	50-100
On plants that are difficult to wet	50-100
With weed killer	50-100
In culture plants	50-100
Cleaning of agricultural spraying equipment	50-100
Application to the leaf	50-100
In application from soil and drip irrigation	1000-3000

BESTONIK

Plant Growth Regulator

[GO TO PRODUCT](#)

BESTONIK is a plant regulator that supports plant development from seed to harvest. Rapid Development: It accelerates germination, rooting, and growth. Increased Yield: It improves fertilization and fruit set, providing more abundant and higher-quality produce. Protection: It makes plants more resilient to adverse growing conditions (stress).

APPLICATION METHOD: The recommended dose of BESTONIK is dissolved in a small amount of water and then transferred to the spraying tank, which has been partially filled with water. After the spraying tank is completely filled with water to the required level, it is mixed, and the application begins.





9



PLANT NUTRITION GROUP

**ORGANIC AND
ORGANOMINERAL
LIQUID FERTILIZERS**

Organic matter (humus) and nutrient balance, which are key components of soil fertility, are essential elements of sustainable agriculture. Ensuring sustainability in agricultural production is only possible by enhancing the productivity capacity of soils that provide a growth environment for plants.

Gübretaş has developed balanced liquid organic and organomineral products that can both positively contribute to the physical, chemical, and biological properties of the soil and be used effectively in plant nutrition. In line with this objective, the products included in the portfolio supply the nutrients that plants need during their phenological stages together with organic matter, making them readily available for plant uptake.

In this way, sustainability and increased productivity in agricultural production can be achieved.

- **LEOLIFE-M/RIZOS-FER**
- **LEOLIFE-M/HUM-BLACK**
- **LEOLIFE-M MICRO**
- **LEOLIFE-M 3.0.23**
- **LEOLIFE-M 16.0.0**
- **LEOLIFE-M 5.21.0**
- **LEOLIFE-M 7.7.7**

RIZOS-FER

Liquid Organic Fertilizer of Plant Origin

GO TO PRODUCT



GUARANTEED CONTENT

By mass (w/w)%

Organic Substance	45
Organic Carbon	20
Total NITROGEN (N)	5
Water Soluble POTASSIUM OXIDE (K₂O)	5
pH	4-6

HUM-BLACK

Liquid Organomineral Fertilizer with Trace Element Additives

GO TO PRODUCT



GUARANTEED CONTENT

By mass (w/w)%

Total Organic Substance	10
Water Soluble POTASSIUM OXIDE (K₂O)	2
pH	8-10
Water Soluble COPPER (Cu)	0.04
Water Soluble MANGANESE (Mn)	0.1
Water Soluble ZINC (Zn)	0.1
Total (Humic+Fulvic) Acid	15
Chlorine (Cl) Maximum	0.5

LEOLIFE-M MICRO

Liquid Organomineral Fertilizer with Trace Element Additives

GO TO PRODUCT



GUARANTEED CONTENT

By mass (w/w)%

Organic Substance	10
Water Soluble BORON (B)	0.2
Water Soluble COPPER (Cu)	0.3
Water Soluble IRON (Fe)	0.8
Water Soluble MANGANESE (Mn)	0.4
Water Soluble ZINC (Zn)	0.3
pH	4-6
Chlorine (Cl) Maximum	1



LEOLIFE-M 3.0.23

Liquid Organomineral Fertilizer with NK

GO TO PRODUCT



GUARANTEED CONTENT	By mass (w/w)%
Organic Substance	10
Total NITROGEN (N)	3
Urea Nitrogen (N-NH ₂)	3
Water Soluble POTASSIUM OXIDE (K ₂ O)	23
Free Amino Acids	5
Chlorine (Cl) Maximum	1
pH	12-14

LEOLIFE-M 16.0.0

Nitrogenous Liquid Organomineral Fertilizer

GO TO PRODUCT



GUARANTEED CONTENT	By mass (w/w)%
Organic Substance	20
Total NITROGEN (N)	16
Urea Nitrogen (N-NH ₂)	16
Chlorine (Cl) Maximum	1
pH	5-7



LEOLIFE-M 5.21.0

Liquid Organomineral Fertilizer with NP

[GO TO PRODUCT](#)


GUARANTEED CONTENT

By mass (w/w)%

Organic MATTER	20
Total NITROGEN (N)	5
Urea Nitrogen (N-NH ₂)	5
Total PHOSPHORUS PENTAOXIDE (P₂O₅)	21
Water Soluble PHOSPHORUS PENTAOXIDE (P₂O₅)	20
Free Amino Acids	12
Chlorine (Cl) Maximum	1
pH	1-3

LEOLIFE-M 7.7.7

Liquid Organomineral Fertilizer with NPK

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GUARANTEED CONTENT

By mass (w/w)%

Organic Substance	10
Total NITROGEN (N)	7
Urea Nitrogen (N-NH ₂)	7
Total PHOSPHORUS PENTAOXIDE (P₂O₅)	7
Water Soluble PHOSPHORUS PENTAOXIDE (P₂O₅)	6
Water Soluble POTASSIUM OXIDE (K₂O)	7
Free Amino Acids	3
Chlorine (Cl) Maximum	1
pH	3-11





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PLANT NUTRITION GROUP

PLANT NUTRITION PACKAGES

Plant nutrition packages have been carefully formulated by Gübretaş's expert agricultural engineers to meet the exact needs of crops such as sunflower, cereals, hazelnut, olive, and corn, which are important for the national economy, in order to ensure proper nutrition and to increase yield and quality.

Our products can be applied through soil, drip irrigation, and foliar spraying using any type of equipment and method.

- **ALTIN CORE**
- **BITKIMIX**
- **ÇOTANAK PLUS**
- **RANDIMAN PLUS**
- **BOLVEREN**
- **BALVEREN**
- **MY OLIVE BOLTANE**
- **MY OLIVE HAS LOTS OF FLOWERS**
- **BOLCICEK**

ALTIN CEKIRDEK (GOLDEN CORE)

[GO TO PRODUCT](#)


PRODUCT	PCS
BESTONIK	1×1 liter
UAN-32	2×1 liter
10.10.10+ME	2×1 liter
MICRO	2×1 liter
AMINO ACID	1×1 liter

BITKIMIX

[GO TO PRODUCT](#)


PRODUCT	PCS
UAN-32	1×5 liter
MICRO	1×5 liter
AMINO ACID	1×5 liter
PZn-SMART	1×5 liter
STARWET	1×0,5 liter

COTANAK PLUS

[GO TO PRODUCT](#)


PRODUCT	PCS
FORCEFUL AMINO	1×1 liter
DERMIN	1×1 kg
MKP	1×1 kg
BEST GREEN	1×1 liter



RANDIMAN PLUS

GO TO PRODUCT



PRODUCT	PCS
10.5.40+ME	1×1 kg
CALSIMAGSI	1×1 kg
15.0.0+%4 Zn	1×1 liter
AMINO ACID	1×1 liter

BOLVEREN

GO TO PRODUCT



PRODUCT	PCS
FORCEFUL AMINO	2×1 liter
20.20.20+ME	4×1 kg
MICRO	1×1 liter
DERMIN	1×1 kg

BALVEREN

GO TO PRODUCT



PRODUCT	PCS
FORCEFULL AMINO	2×1 liter
10.5.40+ME	2×1 kg
BESTGREEN	2×1 liter
CALSIMAGSI	1×1 kg



ZEYTINIM BOLTANE

(MY OLIVE BOLTANE)

[GO TO PRODUCT](#)


PRODUCT	PCS
FORCEFUL AMINO	1×1 liter
DERMIN	3×1 kg
10.5.40+ME	2×1 kg
BESTGREEN	1×1 liter

ZEYTINIM BOL CICEK

(MY OLIVE HAS LOTS OF FLOWERS)

[GO TO PRODUCT](#)


PRODUCT	PCS
FORCEFUL AMINO	1×1 liter
BOR-8	1×1 liter
15.0.0+%4 Zn	1×1 liter
PCa-SMART	1×1 liter
PZn-SMART	1×1 liter

BOLCICEK

[GO TO PRODUCT](#)


PRODUCT	PCS
FORCEFULL AMINO	2×1 liter
20.20.20+ME	4×1kg
MAGSUL	1×1 kg
15.0.0+%4 Zn	1×1 liter
MICRO	1×1 liter



≡GÜBRETAS

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