



KD
ORGANIC
www.kdgubre.com

ORGANIC AND ORGANOMINERAL FERTILIZER

THE FUTURE OF THE SOIL

Due to the use of chemical fertilizers in the majority of agricultural lands in the world, the amount of organic matter is very low and will decrease further over time. This situation causes the applied fertilizers to not be used effectively in the soil. The enrichment of our soils in terms of organic matter will enable the plant nutrients bound in the soil to be taken into a form that can be taken by the plant.

KD ORGANIC

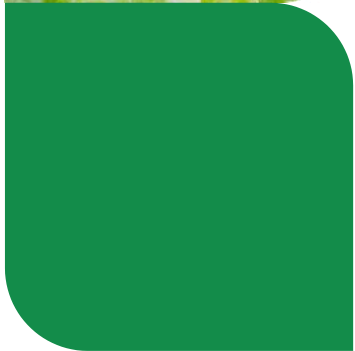
15.000 Ton/Year Organomineral Granule-15.000 Ton/Year Organic Pellet 30.000 Tons/Year powderWe provide services in our state-of-the-art production facilities with a liquid fertilizer capacity of 100,000 tons/year. We are always with our producers with quality products at the point of production and marketing of organomineral fertilizers enriched in organic matter and completely organic fertilizers.

Eskisehir Türkiye

After energy production in our Biogas Production Facility We produce organic fertilizers by using the high quality organic compost obtained as a result of fermentation, and we also enrich our organomineral fertilizer content.

Thus, while helping to increase the activities of microorganisms in the root regions of plants, we also apply together with fertilizers.

We ensure that plants benefit from plant nutrients more effectively.



WHY YOU SHOULD USE KD ORGANIC FERTILIZER?

- *It will adversely affect human, animal and plant health in the production of our fertilizers.
We take care not to use chemicals.*
- *Quality raw materials in our production , compost that including the highest organic matter content*
- *In all our formulations water soluble sulfur trioxide is present. Sulfur decreases soil Ph , in this case Increases plant nutrient uptake.*
- *Our fertilizers are in a uniform granule, pellet and powder structure that can be easily dissolved with water in the soil.*



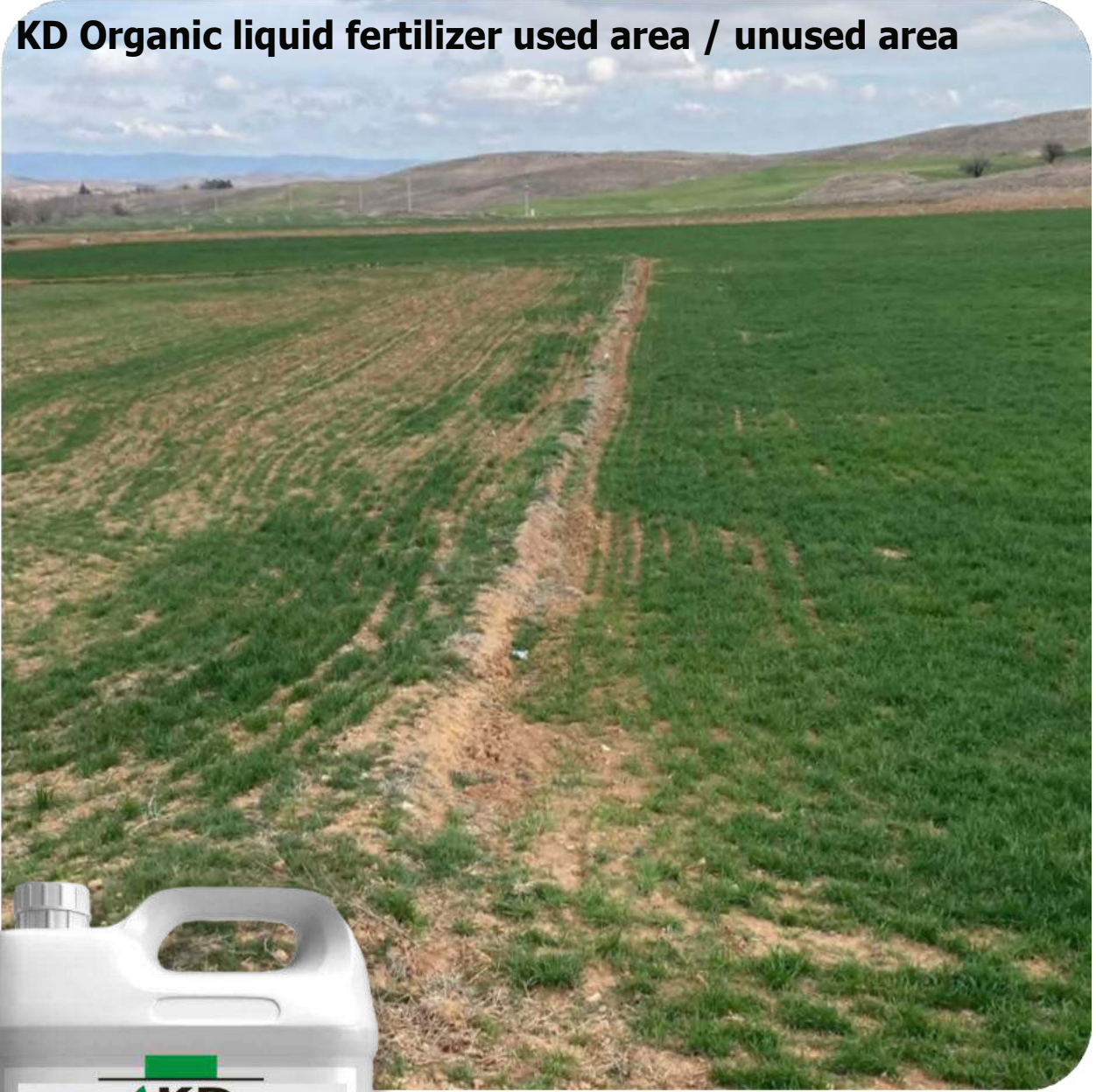
**We do it with our technological machines.
In this way, our fertilizers during application will never damage your tools and equipment**

The soil dissolves quickly and the plant can be obtained easily.

- **In fertilizer production, plants and soil in our biogas plants that add life obtained as a result of fermentation rich in organic matter content We use compost.**
- **Fertilizers including micronutrients (B, Zn, Mn)**

KD ORGANIC LIQUID FERTILIZER

KD Organic liquid fertilizer used area / unused area



Plant: Wheat

Location : Eskisehir / Beylikova

Liquid fertilizers, which have a faster interaction in the soil than solid fertilizers, are very beneficial for plants. Since it is applied directly to the root area of the plant by dripping or by spraying on the leaves, its absorption by the plant is easier than solid fertilizers and its interaction with the plant is faster.

Liquid fertilizers;

- **The number of microorganisms in the soil increases.**
 - **By increasing the nutritional value of the soil, it accelerates plant growth.**
 - **It regulates the ph value of the soil. It can be used in every period of the plant.**
 - **It supports the root development of the plant.**
 - **It increases the water retention of the soil.**
 - **Seed accelerates the germination rate.**
 - **It reduces the need for irrigation.**
- It increases the quality and shelf life of the product.**





LIQUID FERTILIZER AMOUNT OF USE

USING FROM SOIL:

VEGETABLE: 500 – 600 cc/da (once in 20 days, in cultivation process)

FRUITS: 750/1000 cc/da (while the plant development 3-4 times)

POTATO, SUGAR BEET, GRAIN ETC : 200-250 cc/L water from the soil before emergence (3 applications every 15-20 days during the growing period)

FOLIAR APPLICATION

VEGETABLE : 200 - 300 cc/ 100L water (4 applications every 20 days during the growing season)

FRUITS : 200-300 cc / 100 L water (3 applications every 15-20 days during plant growing period)

POTATO, SUGAR BEET, GRAIN ETC : 200 - 250 cc / 100 L water (3 applications every 15-20 days during plant growing period)

GUARANTEED CONTENT

Organic Matter	%4
Organic Carbon	%2,5
Total Humic + Fulvic Acid	%2,5
Maximum EC (ds/m)	%26
pH	7-9

KD ORGANIC POWDER FERTILIZER



Continuous use of KD Organic Powder Fertilizer on organic matter-poor soils with its high organic matter and Humic + Fulvic acid content helps to improve soil structure, increase yield and quality. It is recommended to be used in underground fertilization of all greenhouse, garden and field crops grown. It is especially recommended for underground fertilization of all greenhouse, garden and field crops grown in areas with low organic matter.

- At least 70% organic matter and 30% total Humic + Fulvic acid has content.
- It contributes to increase the organic matter content of the soil.
- Because of the high rate of organic matter in its structure, it improves the fertility of soils and the uptake of nutrients, especially in areas poor in organic matter. has a positive effect on
- Especially in permeable soils with high sand content, it is more common in the plant root zone. It helps to retain water.
- By increasing the cation exchange capacity of the soil in the root zone, it helps plants to benefit more from nutrients.
- In the plant root zone improves microbial activity.



- It contributes to the development of roots by contributing to the improvement of the physical properties of the root zone of the plant, especially in heavy clay soils.
- It helps the nutrients in the soil to be converted into forms that can be taken by plants.
- Does not contain any weeds or harmful microorganisms

USAGE AREA, USAGE TIME AND AMOUNT

PRODUCTS	USAGE	TIME OF USE	QUANTITY
OPEN FIELD - GREENHOUSE VEGETABLES	During the tillage period, it is thrown under the soil during hoeing.	Before sowing - planting	200-250 kg / da
OPEN FIELD TUBER PLANTS	During the tillage period, it is thrown under the soil during hoeing.	Before sowing - planting	150-200 kg / da
SAPLINGS and ORNAMENTAL PLANTS	It is mixed into the root zone or planting mortar.	Mixed with planting mortar or before planting	up to 1/5 of the soil volume
FRUIT	The tree crown is sprinkled under the soil around the projection.	in autumn or spring	6-8 kg/tree or 250-300 kg/da
FARM PLANTS	During the tillage period, it is thrown under the soil during hoeing.	in autumn or spring	150-200 kg / da

GUARANTEED CONTENT

Organic Matter	% 70
Total Nitrogen	% 1,5
Maximum Moisture	% 35
Total Phosphorus Penta Oxide (P2O5)	% 1,5
Water soluble potassium oxide (K2O)	% 1,5
Total Humic + Fulvic Acid	% 30
Maximum EC (ds/m)	% 5
pH	7-9

KD ORGANIC PELLET FERTILIZER



KD OrganicPelet Fertilizer used area / unused area

Plant: Rose

Place: Isparta / Türkiye

KD Organic Powder Fertilizer with high organic matter and Humic - fulvic acid content, its continuous use in organic matter-poor soils helps to improve soil structure, increase yield and quality. It is recommended to be used in underground fertilization of all greenhouse, garden and field crops grown. It is especially recommended for underground fertilization of all greenhouse, garden and field crops grown in areas with low organic matter.



It has at least 70% organic matter and a total of 30% Humic + Fulvic acid content.

Because of the high organic matter in its structure, it has a positive effect on the fertility of soils and the intake of nutrients, especially in areas poor in organic matter.

Plant root canal especially in permeable soils with high sand content.

in the region more more of water to keep support provides.

By increasing the cation exchange capacity of the soil in the root region, it helps plants to benefit more from nutrients.

•Herb root in the region microbial activity improves.

It contributes to the development of roots by contributing to the improvement of the physical properties of the root zone of the plant, especially in heavy clay soils.

It helps to convert the nutrients in the soil into a form that can be taken by plants.

•Any One foreign weed or damaging microorganism not included.

It is suitable for machine using because of the pellet shape.



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- It helps the nutrients in the soil to be converted into forms that can be taken by plants.
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MÜTEŞEBBİS SERTİFİKASI

SERTİFİKA NO: TR-OT-35 / İ-1365 / 2023 / TR-10528

KONTROL VE SERTİFİKASYON KURULUŞUNUN			
ADI	CERES KONTROL VE BELGELENDİRME HİZMETLERİ LTD. ŞTİ.		
KOD NUMARASI	TR-OT-35		
ADRESİ	Korutürk Mahallesi Ahlat Sokağı No:39 Balçova-İZMİR		
SERTİFİKA DÜZENLENEN MÜTEŞEBBİSİN			
ADI	KD GÜBRE VE ENERJİ A.Ş.		
ADRESİ	Köprübaşı OSB Mah. 3.Cadde No:1 Beylikova-ESKİŞEHİR		
SÖZLEŞME NO	TR-1365		
ANA FAALİYETİ	Tarımsal Girdi Üretimi ve Pazarlama		
SERTİFİKA KAPSAMI			
ONAYLANMIŞ ÜRETİM KAPSAMI	ÜRÜN	KULLANIM ALANI	STATÜ
	Sıvı Gübre	Gübre	Organik Tarımda Kullanıma Uygundur
	Toz Gübre (Katı)		
	Pelet Gübre (Katı)		
AÇIKLAMALAR	Üretim yukarıdaki adreste yapılmaktadır. Müşebbis herhangi bir konvansiyonel tarım girdisi üretmemektedir		
KONTROL(LER)İN TARİHİ	5-6.12.2022		
GEÇERLİLİK DÖNEMİ	31.12.2023'e kadar		

Bu sertifika 5262 sayılı Organik Tarım Kanunu ve Organik Tarımın Esasları ve Uygulanmasına İlişkin Yönetmeliğin 37. madde hükümlerine göre yayınlanmıştır. Beyan edilen işletmeci kontrol/denetim altında faaliyetlerini yerine getirmekte ve adı geçen mevzuattaki gereklilikleri karşılamaktadır.

Ve aşağıdaki durumların ifadesi uygun görülmüştür,

✓

Bu sertifika ürünlerin ticari kalitesini garanti etmez. Yalnızca, yukarıdaki kapsamdaki organik faaliyetlerin ilgili yönetmeliklere uygun olarak yürütüldüğünü garanti eder.

✓ Bu sertifikaya sahip olmanın gereği yerine getirilmediği durumlarda, sertifika iptal edilebilir ve CERES'e iadesi zorunludur.
Bu sertifika T.C. Tarım ve Orman Bakanlığının 14.11.2019 tarih ve TR-OT-35 nolu çalışma izin belgesine istinaden düzenlenmiştir.

CERES Kontrol ve Belgelendirme Hizmetleri Ltd. Şti.

Sertifiker (Adı, Soyadı) : Aynisa İLLEEZ

Tarih : 28 Mart 2023

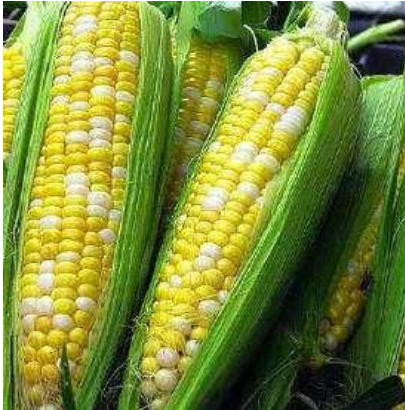
Yer : İzmir

KAŞE ve İMZA



Kontrol ve Belgelendirme
Hizmetleri Ltd. Şti.
Korutürk Mah. Ahlat sok. No:39 Balçova - İZMİR
Tel: 0 232 247 20 22 Fax: 0 232 247 70 01
Balçova V.D. 2060686416

KD ORGANOMINERAL FERTILIZER



Organomineral Fertilizer Benefits

In the use of organomineral fertilizers, additional support is given in addition to the fertilizer support given by the state per decare.

- **It enriches the soil with organic matter.**
- **It prevents the washing of nutrients given to the soil by fertilizers. It**
- **enables the nutrients found in the soil-bound form to be taken up by the plants.**
- **It helps to reduce the problems associated with salinity.**
- **Against disease and damage gives resistance. It supports healthy root development. It provides early and vigorous vegetative development in plants.**

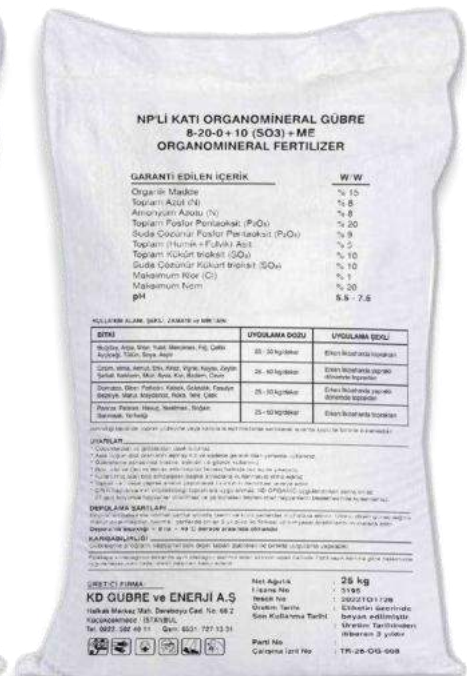
KD ORGANIC SOLID ORGANOMINERAL FERTILIZER WITH NP 8-20-0 + 10(SO3)



It helps the soil to be enriched in terms of basic elements by meeting the nitrogen and phosphorus needs of the soil. Because of the phosphorus and zinc content, it contributes to better rooting of the plant. It helps to increase tillering in crops.

It helps the rapid development of the product. It helps to obtain abundant products by making the spike grains larger and fuller. The sulfur in it reduces the soil pH and increases the macro and micro element uptake.

helps speed it up. It can be produced in the form of pellets, powder or granules.



Usage Amounts According to Plant Types (Soil Application , As Needed) (8-20-0)

Citrus-Olive (by age)	Age x 100-150g
Fruit trees (by age)	Age x 100-150g
Open field vegetables	50-60 kg/da
Greenhouse vegetables throughout the season	70-100 kg/da
Cotton, sunflower, corn, artichoke	50-60 kg/da
Strawberry	70-80 kg/da
Banana	100-120 kg/da
Apple (by age)	Age x 100-150g
Watermelon-melon	50-80 kg/da
Carrot- radish	40-50 kg/da
grape (vineyard)	40-50 kg/da
Onions, peanuts, cut floristry, canola	30-40 kg/da
Sugar Beet	30-40 kg/da
Potato	100-120 kg/da
Green Spaces	6-10 g/m ²

GUARANTEED CONTENT	
Organic Matter	% 20
Total Nitrogen	% 8
Ammonium Nitrogen	% 8
Water Soluable Phosphorus Penta Oxide P2O5	% 18
Total Phosphorus Penta Oxide P2O5	% 20
Total SO3	% 10
Water Soluable SO3	% 5
Maximum Moisture	% 20
Total Humic + Fulvic Acid	% 5
Maximum Chlorine	% 5
Maximum EC (ds/m)	% 5
pH	6-8

KD ORGANIC SOLID ORGANOMINERAL FERTILIZER WITH NPK

10-10-10 + 10(SO3)



It helps the soil to be enriched in terms of basic elements by meeting the nitrogen and phosphorus needs of the soil. Because of the phosphorus and zinc content, it contributes to better rooting of the plant. It helps to increase tillering in crops.

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The sulfur in it lowers the soil pH and reduces the macro and micro elements. It helps speed up the uptake. It can be produced in the form of pellets, powder or granules.



Usage Amounts According to Plant Types (Soil Application Before Planting) (10-10-10)

Citrus-Olive (by age)	1-4 kg/tree
Fruit trees (by age)	1-4 kg/tree
Open field vegetables	50-60 kg/da
Greenhouse vegetables throughout the season	50-60 kg/da
Cotton, Wheat	50-60 kg/da
Penaut , Sunflower	30-40 kg/da
Apple (by age)	1-3 kg/tree
Watermelon-melon	50-60 kg/da
Carrot- radish	40-50 kg/da
grape (vineyard)	60-80 kg/da
Onion	50-60 kg/da
Sugar Beet	30-40 kg/da
Potato	100-120 kg/da
Green Spaces	6-10 g/m ²

GUARANTEED CONTENT	
Organic Matter	% 20
Total Nitrogen	% 10
Ammonium Nitrogen	% 10
Urea Nitrogen (N)	% 4
Water Soluable Phosphorus Penta Oxide P2O5	% 8
Total Phosphorus Penta Oxide P2O5	% 10
Water Soluable Potassium Oxide (K2O)	% 10
Total SO3	% 10
Water Soluable SO3	% 8
Maximum Moisture	% 20
Total Humic + Fulvic Acid	% 5
Maximum Chlorine	% 0,2
pH	6-8

Usage Amounts According to Plant Types (Soil Application Before Planting) (5-5-5)

Citrus-Olive (by age)	1-4 kg/tree
Fruit trees (by age)	1-4 kg/tree
Open field vegetables	50-60 kg/da
Greenhouse vegetables throughout the season	50-60 kg/da
Cotton	50-60 kg/da
Penaut , Sunflower, Wheat	30-40 kg/da
Apple (by age)	1-3 kg/tree
Watermelon-melon	50-60 kg/da
Carrot- radish	40-50 kg/da
grape (vineyard)	60-80 kg/da
Onion, corn	50-60 kg/da
Sugar Beet	60-70 kg/da
Potato	100-120 kg/da
Green Spaces	6-10 g/m ²

GUARANTEED CONTENT	
Organic Matter	% 20
Total Nitrogen	% 5
Ammonium Nitrogen	% 3
Urea Nitrogen (N)	% 2
Water Soluable Phosphorus Penta Oxide P2O5	% 3
Total Phosphorus Penta Oxide P2O5	% 5
Water Soluable Potassium Oxide (K2O)	% 5
Total SO3	% 10
Water Soluable SO3	% 8
Maximum Moisture	% 20
Total Humic + Fulvic Acid	% 5
Maximum Chlorine	% 0,2
pH	6-8



**Factory: KD Gübre ve Enerji AŞ Beylikova Tarıma Dayalı
OSB 3Cd. No: 1 Beylikova / Eskişehir / TÜRKİYE**

<https://kdgubre.com/>