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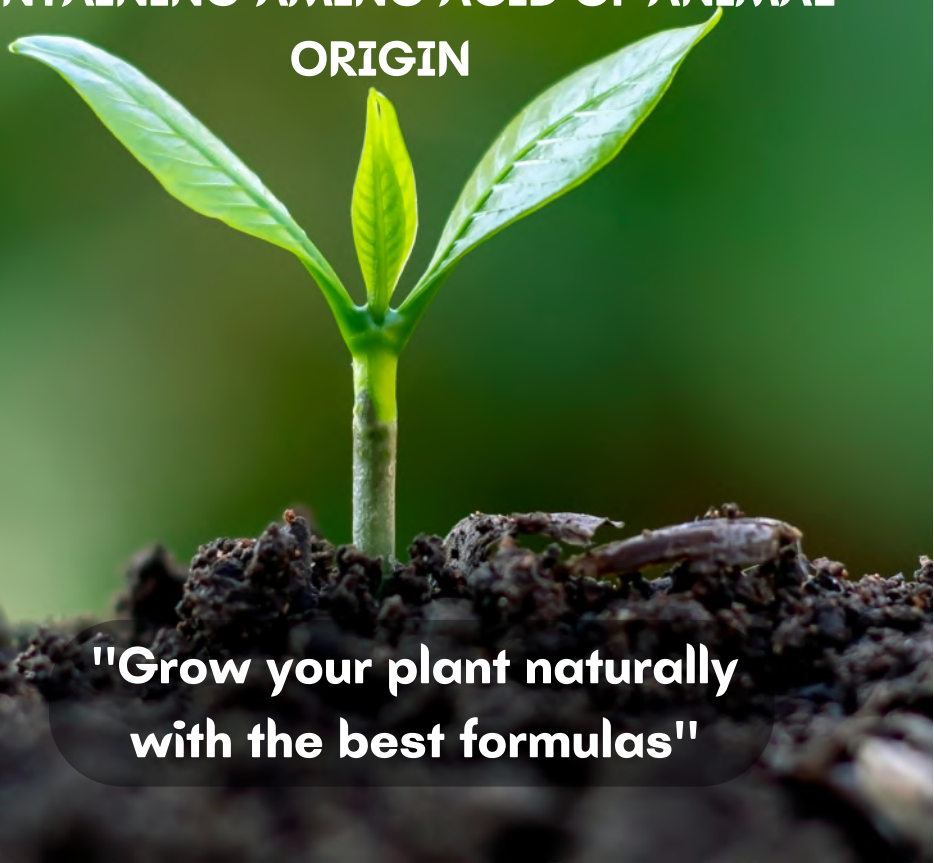
ANİFAMİN

LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID OF ANIMAL ORIGIN



"Grow your plant naturally with the best formulas"

TABLE OF CONTENT

ANİFAMİN

"Grow Your Plant Naturally with the Best Formulas"

OUR MISSION

- To ensure sustainable production
- To produce fertilizers based on an organic formulation that respects nature
- To support the agricultural sector with our organic fertilizers and to contribute to agricultural development
- To provide innovative production
- To improve crop quality

OUR VALUES

CUSTOMER ORIENTATION

We focus on the needs of our customers. The priorities of our farmers and producers are important for us. Their problems are also our problems. We produce special products for them to find solutions.

SUSTAINABILITY

Everything from the production process to the content is respectful to nature. Our products are produced from 55% organic material by us.

TECHNOLOGY

We attach importance to R&D to be a pioneer in the sector.

QUALITY

It is important for us that our products are of high quality and efficiency. Therefore, our content consists of quality and natural components.

What do We do?

We produce liquid fertilizer containing organic quality amino acids to meet the needs of our farmers and services to protect nature.

Why Us?

- It enhances the acceleration of root development of the plant and ensures plants' rapid, healthy, and lush development.
- It makes your fertilizer efficient.
- It contains organic matter and amino acids that benefit soil and plant health.
- Protects the plant against environmental stress.

ANİFAMİN

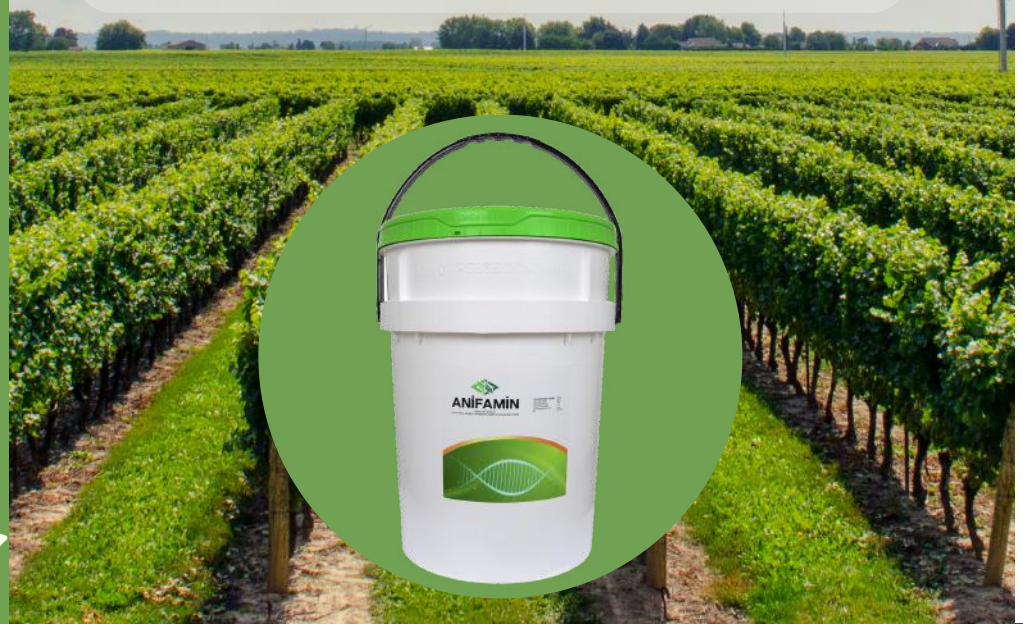
What is Anifamin?

- Anifamine is a liquid organic fertilizer containing high-quality amino acids.
- It is vital for plants. While the organic carbon in its content provides energy to the plants, organic nitrogen and amino acids improve the structure of the soil. Thus, the plant becomes stronger.
- Increases plant, soil, and crop productivity.
- It can be applied from leaves and soil.
- In applications made from the soil, it improves the microorganism activity in the soil and increases the productivity of the soil.
- It extends the shelf life of the product.
- It helps speed up the intake of nutrients. It increases the water-holding capacity of the soil and encourages rooting.

ANİFAMİN
LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACID OF ANIMAL ORIGIN

GUARANTEED CONTENT

	W/W
Organic Matter	%55
Organic Carbon	%18
Organic Nitrogen	%7
Free Amino Acids	%14
Ph	5.5-7,5

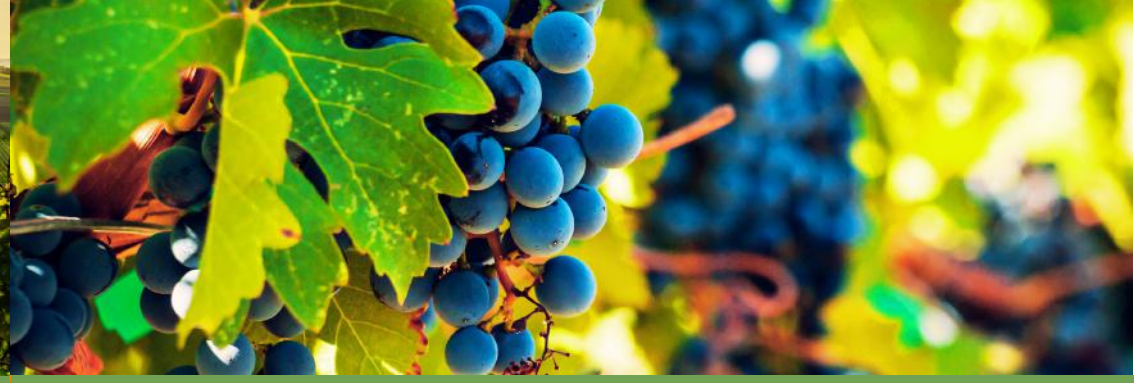


Advantages of Anifamin Animal Origin Liquid Fertilizer Containing Free Amino Acids

- As is known, amino acids are the building blocks of proteins. So using fertilizer containing amino acids is a source of life for plants.
- Our fertilizers provide gradual and sustainable nourishment for the plant without interfering with all stages of plant growth.
- The organic nitrogen in its content allows plants to have stronger roots and resist environmental stress. Reduces diseases.
- Thanks to high organic matter content (55%), it ensures plants' rapid and healthy growth. It increases the number of fruits, and the plants bloom neatly.

- Peptides and amino acids in their content are organic nutrients.
- Since its molecular weight is deficient, other fertilizers can be given together with Anifamin.
- Revitalizes the root.
- It increases the mineral uptake of plants since it has a very high chelate feature.
- It supports grain formation.
- It can be used with drugs due to its adhesive feature.
- It increases plant tolerance against factors such as wilt and root rot.

- Glycine, Proline, Alanine, and Arginine amino acids in their content have activator and chelating properties. In addition, thanks to short-chain peptides, it provides the best way of enzyme activator and vegetative growth of the plant.
- Proline and hydroxyproline in its content provide earliness in plants.
- Minimizes frost damage. It is also protective against temperature resistance.
- It has vasodilating properties due to the natural betaines it contains.

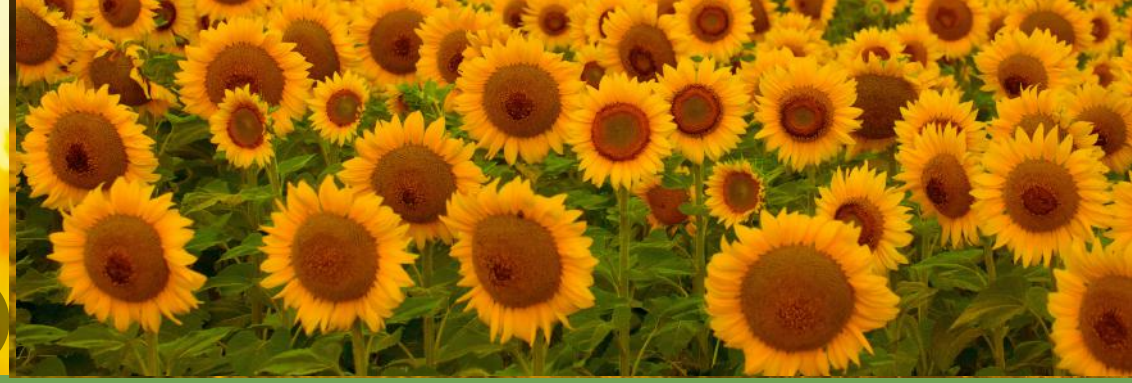


Benefits Of Organic Nitrogen

- It is the component found in chlorophyll. It provides root development. It gives the color of the plant. It makes plants resistant to disease
- Nitrogen is one of the most essential nutrients that plants need.
- Nitrogen fertilizers allow to increase the amount of nitrogen in the soil.
- Nitrogen plays an essentialt role in the process of photosynthesis. It provides the development of plants by supporting the formation of leaves and stems of plants.
- When there is a lack of Nitrogen in plants, their leaves turn yellow, and their growth stops

- The ability of plants to produce protein depends on nitrogen. That is why the plant needs nitrogen to survive.
- Nitrogen occurs naturally in the atmosphere and soil. Concerning plants, this is not enough.
- Therefore, it is necessary to add Nitrogen to the soil.
- Nitrogen in Anifamin provides needed nitrogen for your plants.
- Nitrogen plays an essential role in the root respiration of plants, flowering, fruit formation, and ripening stages.
- Fertilizer should be given regularly not to experience nitrogen deficiency in plants
- Make your plants bloom all summer long and keep them green.

Benefits Of Organic Carbon



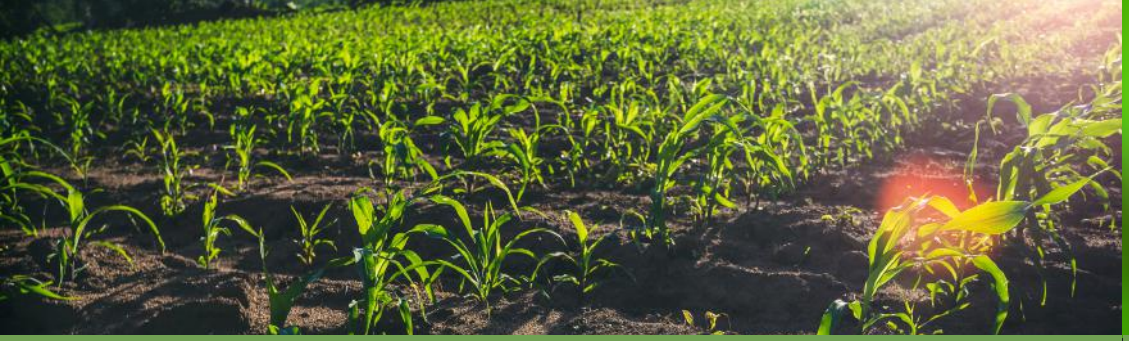
- Organic carbon is an essential component of the structure of the soil. The decomposition of plants and animals gives this compound. Organic carbon in the soil, Plant growth, and The release of nitrogen, phosphorus, and other nutrients facilitates nutrient availability.
- Organic carbon improves soil structure.
- Organic carbonaceous soils have water-holding capacity and precipitation infiltration characteristics.
- Soil organic carbon is the foundation of sustainable agriculture.
- A healthy soil system supports pasture nutrient uptake, aids root growth, and helps suppress crop diseases.

- The organic carbon in the fertilizer produces the nutrient level and decomposes the organic matter, provides a suitable micro-environment for the survival of microorganisms, and affects different microbial organic carbon.
- Increases water holding capacity in sandy soils.
- The more organic carbon a soil contains, the better.
- Organic carbon is crucial for soil fertility.
- Carbon-based fertilizer being applied to the soil increases the soil porosity, PH, water content, and nutrient level.
- So, organic carbon is essential for soil fertility.

The Importance of Using Organic Fertilizer

- The use of chemical fertilizers in the world continues to increase. The total in our country in 2022 fertilizer production is 11 million tons.
- About 100-120 million tons of chemicals worldwide and 90-100 million tons of nitrogen are consumed with the nitrogen produced.
- Nitrogen is stable in the atmosphere and in organic form. The average length of stay of a nitrogen molecule is 370 years.
- Nitrogenous compound nitrogen derivatives in the atmosphere and nature the emissions they leave global warming and cooling Critical period of 2022-2024 leads to prediction.

- Nitrogen fertilizers cause severe damage to the environment and habitat and cause irreversible destruction.
- Nitrate forms are reduced to nitrite in mammals. It can cause poisoning, and at the same time, it turns into nitrosamine tires, causing carcinogenic risks
- Of the 300 known nitrosamine compounds, 297 are carcinogenic.
- High levels of nitrates by plants can be stored; some countries are against this risk for nitrate.



The Need for Pure Nitrogen, Urea, Ammonium Nitrate and Glutamine Required in 1 Ton of Vegetables

- Chemical fertilizers at high levels are used and given to the plant.
- Quantities must increase efficiency and performance.
- Remain Organic Agriculture strategists have been active so far. And a highly efficient alternative is things that I cannot develop.
- Organic matter and eco-nitrogen insufficient options for agriculture are caused by chemical means.
- Urea, one of the chemical nitrogen fertilizers, is rapidly converted to ammonia, and ammonia easily
- 30-50% loss occurred between Ammonium nitrate and other niin trace fertilizers due to evaporation. Similar evaporation problems in nitrate losses in the denitrification process can be seen. None of the nitrogen fertilizer types
- They are not 100% efficient. In organic fertilizer, the yield was decisive.

Product Name	Pure Nitrogen	Urea	Ammonium Nitrate	Glutamine
Tomato	3.5 KG	7.60 KG	13.40 KG	840 GR
Pepper	5.7 KG	12.20 KG	22.00 KG	1.350 KG
Eggplant	5.5 KG	12.00 KG	21.10 KG	1.330 GR
Cucumber	2.00 KG	4.20 KG	7.70 KG	220 GR

Benefits of Organic Matter

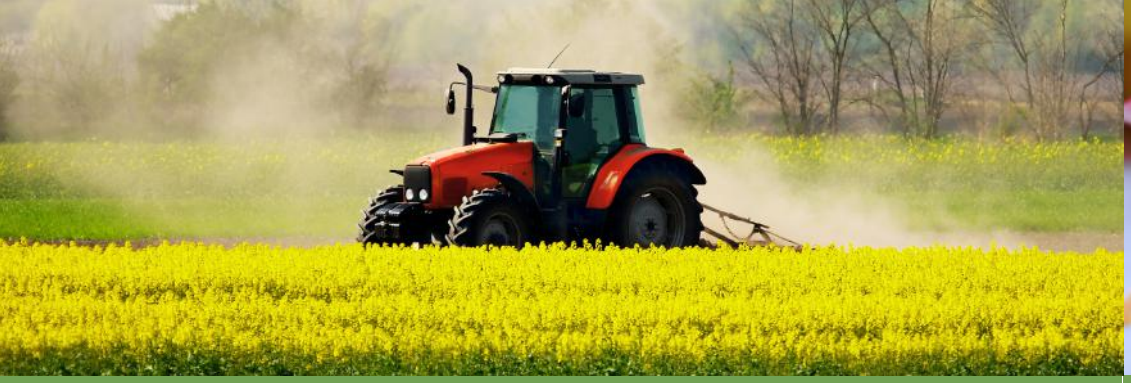
- The organic matter in the liquid organic fertilizer provides the storage of the essential nutrients of the soil. Organic matter is a valuable source of nutrients for plants and living organisms and provides the storage of essential nutrients in the soil. Increases the water capacity of the soil; this ensures that the plants are not dehydrated during periods of moisture deficiency.

Anifamine Application Recommendations

- GREENHOUSE AND OUTDOOR VEGETABLES
- (Tomato, pepper, cucumber, eggplant, bean, strawberry, etc.)
- 2-3 applications after the first fruits

- GREEN LEAFY VEGETABLES IN WINTER
- (Lettuce, cabbage, spinach, etc.)
- 2-3 applications after the first fruits

- TUBEROUS PLANTS
- (sugar beet, potatoes, onions, etc.)
- In the period with 4-6 leaves and again after 15-20 days



- MELON, WATERMELON, ZUCCHINI
- from planting seedlings to harvesting

- ALL FRUIT TREES

(peaches, apricots, cherries, plums, apples, pears, quinces, citrus fruits, olives, vineyards, hazelnuts, pistachios, etc.)

- During the period of development

- BANANA
- During fruit ripening

- INDUSTRIAL PLANTS

(Cotton, Sunflower, etc)

- From the period with 5-6 leaves with an interval of 15-20 days

- ALL LEGUMES

(chickpeas, beans, lentils, soybean sunflower, etc.)

- In the period when it has 3-4 leaves and after 15-20 days.

- CEREAL GRAINS

(corn, wheat, barley, paddy, etc.)

- In the fellowship period

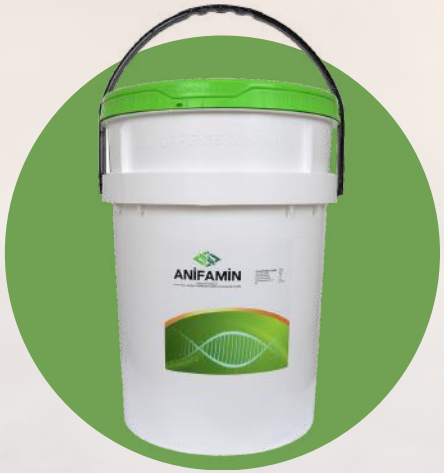
- GREEN AREAS
- Throughout the development period

Soil Application

- 1-2 lt /Da

Foliar Application

- 200–250 ml per 100 liters of water



"Feed your plants with Anifamin, and discover their products' most beautiful natural colors!"

ANİFAMİN