



Organic Soap

The features of this soap are:

- Strengthening the general plant and increasing the efficiency of foliar spraying
- It has wetting and spreading properties
- Dust cleaner from the surface of the leaf
- Does not contain substances harmful to the plant and the environment
- Controlled pH to increase the quality of foliar spraying



(W/W) Compounds	
Nitrogen(N)	%1
Organic Carbon(OC)	%7
Organic Matter(OM)	%13

Product Name	Organic Soap
Consumption instructions	Spraying solution
Appearance	Liquid
Packing	1 and 5 liters

Instructions for use	
Spraying solution with poisons or fertilizers	1 liter per thousand liters of water
Spraying to wash the plant	2 liter per thousand liters of water





(W/W) Compounds	
Organic Matter(OM)	%13
Organic Carbon(OC)	%7
Nitrogen(N)	%1



Product Name	Gluten
Consumption instructions	Spraying solution
Appearance	Dark Liquid
Packing	1 and 5 liters

Instructions for use	
Spraying solution with poisons or fertilizers	1 liter per thousand liters of water
Spraying to wash the plant	2 liter per thousand liters of water

Gluten

The characteristics of this organic compound are:

- An economical and effective product for plant protection
- Derived from organic compounds and can be used for all plants and trees that meet the general needs of the plant.
- General strengthening of the plant and increasing the effectiveness of foliar spraying.
- It has wetting and spreading properties.
- Dust cleaner from the surface of the leaf.
- Does not contain substances harmful to the plant and the environment.
- Controlled pH to increase the quality of foliar spraying.





(W/W) Compounds	
Potassium (K ₂ O)	%6
Elemental sulfur (S)	%9
Soluble sulfur (S)	%8
Sulfur (SO ₄)	%54
Organic Carbon(OC)	%13
Organic Matter(OM)	%29



Product Name	Liquid potassium sulfur
Consumption instructions	Along with irrigation
Appearance	Dark Liquid
Packing	1, 5, 10 and 20 liters

Products	Irrigation
fruit trees	20-30 liters per hectare
Pistachio	
Agricultural plants	10-15 liters per hectare
Summer and vegetables	
Greenhouse products	1-2 per thousand square meters

Liquid potassium sulfur

The liquid potassium sulfur of Shimi Gol is one of the 17 nutrients required by the plant, which without exception is necessary for the growth and development of all products, like any nutrient.

Potassium sulfur has key functions in plants:

- Product increase and product quality improvement
- Activation of plant enzymes
- Direct relationship with plant metabolism
- Solubility in water
- Soil disinfectant

Correction of saline, alkaline and lime soils





(W/W) Compounds	
Sulfur (SO ₄)	%21
Soluble sulfur (S)	%11
Elemental sulfur (S)	%10
Calcium (CaO)	%4/5



Product Name	Liquid calcium sulfur
Consumption instructions	Along with irrigation
Appearance	Dark Liquid
Packing	1, 5, 10 and 20 liters

Products	Irrigation
Fruit and citrus trees	20-30 liters per hectare
Vegetables and fruits	10-20 liters per hectare
Cereals and industrial plants	10-20 liters per hectare

Liquid calcium sulfur

Fertiplus Calciumsulfur is a product consisting of sulfur and calcium . providing the sulfur and calcium needed by the plant can cause greening of leaves in all plants, especially tobacco, cotton and corn.

This product solves the deficiencies caused by sulfur, calcium with high absorption capacity in the plant, it also causes correction of salty lands and increases the absorption of elements.

Calcium in general has a low absorbability, the main reason is the high pH of the soil and the solutes. The combination of sulfur and calcium causes the pH to decrease significantly and helps to absorb more calcium in the plant.

The Benefits of calcium Fertiplus sulfur:

- Combating fungal diseases and improving saline soils
- A source of supply of calcium and sulfur elements
- Strengthening and improving fruit quality
- Fertiplus calciumsulfur Pest Control





(W/W) Compounds	
Calcium (CaO)	% 12
(N-NO ₃)	%8
Nitrogen (N)	%8



Product Name	Liquid calcium nitrate
Consumption instructions	Spraying solution and irrigation
Appearance	Liquid
Packing	1 and 5 and 20 liters

Products	Spraying solution	With irrigation
agricultural	1.5 - 2 liters per thousand	15 - 20 liters per hectare
Garden	2 -2.5 liters per thousand	30 - 40 liters per hectare

Liquid calcium

Properties:

- Specialized supplier of calcium element in plants in different periods of growth.
- Increasing the quality, size and marketability of harvested products
- Increasing plant resistance against environmental stresses and pests
- Improving the penetration of water in the soil and increasing the elasticity of the cell wall
- Increasing the growth of plant tissues important points
- Avoid mixing with copper and oily compounds. In the greenhouse or covered space, the amount of fertilizer should be reduced by 30%.
- Do not use Calcium Ferti Plus for 10 days if copper compounds are used.





(W/W) Compounds	
Amino Acid	%8.5
Nitrogen(N)	%6.5
Calcium(CaO)	%7.5



Product Name	SUPER AMINO PLUS
Consumption instructions	Spraying solution
Appearance	Dark liquid
Packing	1 and 5 liters

Product Name	Spraying solution	Irrigation (per hectare)
Garden	1-2 liters per thousand liters of water	3-6 liters per hectare
agricultural	1-2 liters per hectare	3-6 liters per hectare
veg and herbs	1-2 liters per hectare	3-6 liters per hectare

Super Amino +

The growth of plant organs, plant nutrition, increase in product yield, etc. are among the effects of the presence of amino acids in plants.

The amino acid in Ferti Plus Super Amino + strengthens plant cell walls.

Benefits of Ferti Plus Super Amino fertilizer:

- Strengthening the defense system of plants when faced with environmental damage
- Protection of plants against diseases and harmful pests
- Strengthening the plant's immune system
- Acceleration and improvement in the act of pollination (production of plants)
- Preventing rotting and yellowing of products and preserving their freshness.
- Increasing the speed of product arrival
- Effective in the action of plant hormones
- Increasing photosynthesis and influencing plant growth
- Accelerating the formation of aerial organs





Liquid Potassium

Potassium is one of the most important trace elements in plants that there are sufficient amounts of them in the leaves, Adequate amounts in the leaves improve photosynthesis and chlorophyll absorption.

The benefits of potassium include increasing leaf life, decreased sweating in the plant, Increased resistance to dehydration and salinity stresses, improve fruit quality characteristics such as taste, it is color and size and facilitate the absorption of elements such as iron, mentioned phosphorus and trace elements.

Potassium element with control of more than 50 plant enzymes, Enzymes are effective on the spatial structure and reduce root rot and causes a significant increase in the accumulation of sugars in the fruit.



(W/W) Compounds	
Potassium (K ₂ O)	%22
Organic Material (OM)	%2/5

Product Name	Liquid potassium
Consumption instructions	Spraying solution and irrigation
Appearance	Dark liquid
Packing	1 and 5 liters

Product Name	Spraying solution	Irrigation (per hectare)
Garden	2 liters per thousand liters of water	3-6 liters per hectare
agricultural	2-3 liters per thousand liters of water	5-8 liters per hectare
veg and herbs	2 liters per thousand liters of water	3-5 liters per hectare





Organic Jelly Fertilizer

Ferti Plus organic jelly fertilizer, with the right percentage of different elements together, feeds agricultural and garden plants, increases yield and efficiency, and increases resistance to stresses, including irrigation and temperature stresses.

Due to its suitable pH, this product helps to release elements trapped in the soil and as a result better absorption of materials through the roots.



Product Name	Organic Jelly Fertilizer
Consumption instructions	With irrigation
Appearance	Dark liquid
Packing	1- 5-10 and 20 liters

(W/W) Compounds

Nitrogen (N)	Phosphorus (P ₂ O ₅)	Potassium (K ₂ O)	Organic Material (OM)	Organic Carbon (OC)	Soluble Calcium (CaO)	Density
%8	%0/5	%2	%11	%5/5	%6	%1/25 gr/ml

Products	With irrigation
Fruit and citrus trees	15-20 liters per hectare
Vegetables and fruits	10-15 liters per hectare
Cereals and industrial plants	10-15 liters per hectare





Liquid HUMIC ACID

Shimi Gol humic acid is extracted from Leonardite mines.

Humic acid improves soil chemistry and increases fertility and water retention. Increasing the power of seed germination, root development and growth, reducing the degree of openness of the stomata and reducing evaporation, which causes freshness and stimulates the growth of the plant, and finally all these factors increase the yield and improve the quality of the fruit and product.

Advantages of liquid humic acid Shimi Gol:

- Helping to develop the root system and facilitating evaporation and transpiration
- Helping to stimulate photosynthesis and improve the greenness of the plant



(W/W) Compounds	
Nitrogen	%1
(K ₂ O)	%2
HUMIC ACID	%7

Product Name	Humic Acid %7
Consumption instructions	Along with irrigation and seed
Appearance	Dark liquid
Packing	1,5 and 10 and 20 liters

Product Name	Consumption instruction	Consumption	Consumption time
Greenhouse plants	With irrigation	6 - 12 liters per hectare	With the first watering after planting repeat with an interval of 2-3 weeks.
Crop plants	With irrigation	10 - 15 liters per hectare	With irrigation
Alfalfa	With irrigation	3 to 5 liters per hectare	A few days after each harvest
Rice	Spraying solution of treasury soil	1 - 2 liters per thousand meters	Before planting, after moving rice seedlings to the ground
	solution in water rice ponds	10- 15 liters per hectare	
Corn	Seed of property	2- 2.5 liters for 100 kg of seeds	Before planting, as soon as the male inflorescence appears
	Irrigation fertilizer	10- 15 liters per hectare	
Vegetables and potatoes	Irrigation fertilizer	3 to 5 liters per hectare	1 - 3 repetitions during the growing season
fruit trees	Irrigation fertilizer	10- 15 liters per hectare	Before flowering after fruit formation
		10- 20 liters per hectare	





HUMIC ACID %12



Liquid humic acid %12 is extracted from Leonardite mines.

This product improves soil structure and increases fertility and water retention. Increasing the power of seed germination, root development and growth, reducing the opening degree of the stomata and reducing evaporation, which causes freshness and stimulation of plant growth, and ultimately all these factors increase the yield and improve the quality of fruits and products.

Advantages of liquid humic acid 12%:

- Helping to develop the root system and facilitating evaporation and transpiration.
- Helping to stimulate photosynthesis and improve the greenness of the plant.

(W/W) Compounds	
Nitrogen	%2
(K ₂ O)	%2
HUMIC ACID	%12
Organic Carbon(OC)	%15
Organic Material(OM)	%32

Product Name	Humic Acid %12
Consumption instructions	Along with irrigation
Appearance	Dark liquid
Packing	1,5 and 10 and 20 liters

Product Name	Irrigation (per hectare)
Fruit & citrus Trees	20-30 liters
Vegetables	10-20 liters
Cereals and industrial plants	10-20 liters





(W/W) Compounds	
HUMIC ACID	%17
(K ₂ O)	%7
Organic Carbon(OC)	%14
Organic Material(OM)	%25



Product Name	Humic Acid %20
Consumption instructions	Along with irrigation
Appearance	Dark liquid
Packing	1,5 and 10 and 20 liters

Product Name	Irrigation (per hectare)
Fruit & citrus Trees	10-20 liters
Vegetables	10-15 liters
Cereals and industrial plants	10-15 liters

HUMIC ACID %20

Liquid humic acid 20% is extracted from Leonardite mines.

This product improves soil structure and increases fertility and water retention. Increasing the power of seed germination, root development and growth, reducing the opening degree of the stomata and reducing evaporation, which causes freshness and stimulation of plant growth, and ultimately all these factors increase the yield and improve the quality of fruits and products.

Advantages of liquid humic acid 20%:

- Helping to develop the root system and facilitating evaporation and transpiration.
- Helping to stimulate photosynthesis and improve the greenness of the plant.





(W/W) Compounds	
Nitrogen(N)	%14
Soluble sulfur	%10
PH	1<



Product Name	Karbamid acid
Consumption instructions	Along with irrigation
Appearance	Liquid
Packing	20 liter

Products	Irrigation
Garden	80 - 40 per hectare
Farms	40 - 20 per hectare
summer crops	20 - 10 per hectare

Karbamid acid

Karbamid acid is a very strong acidic product with a pH less than one, which contains sulfur and nitrogen, whose main role is to improve the soil. Due to the presence of sulfate ion (SO_4) and low pH, this product causes the neutralization of soil lime and the release of calcium, which replaces sodium in the soil and the released sodium with sulfate ion forms sodium sulfate, which is soluble in water. By doing irrigation, the washed water goes to the depths of the ground and reduces the salinity of the soil around the roots significantly and effectively.

The presence of a special form of nitrogen in this product makes the nitrogen available to the plant for a longer period of time and resists evaporation and washing. It also does not cause toxicity to the roots of plants by not releasing ammonia.

Another benefit of organic carbamide acid is the neutralization of bicarbonate in water, which increases the absorption of micronutrient elements such as iron, zinc, manganese, etc. in the plant.

This acidic product is not corrosive to human skin and the corrosiveness of metals has been reduced by 95%.





Active acid

(W/W) Compounds	
Nitrogen(N)	%10
Phosphorus(P ₂ O ₅)	%18
Soluble sulfur(S)	%12
PH 1 : 5	1<



Product Name	Active acid
Consumption instructions	Along with irrigation
Appearance	Liquid
Packing	20 liter

Active acid is an extremely acidic product with a pH less than one, which contains three important elements: nitrogen, phosphorus and sulfur. The acidic property of this product reduces the pH of the soil and water and increases the absorption of nutrients by the plant. It also increases water permeability by removing the hard limestone layer in the soil and has an impact on reducing the sodium salinity of the soil.

Due to the presence of a high percentage of phosphorus, this product is a very strong stimulant for rooting, which strengthens the roots and increases germination and flowering.

This acidic product is not corrosive to human skin and its corrosiveness to metals has been reduced by 95%.

Products	Irrigation
Garden	80 - 40 per hectare
Farms	40 - 20 per hectare
summer crops	20 - 10 per hectare



(W/W) Compounds	
Humic Acid	%Δ◦
Potassium (K ₂ O)	%۲



Product Name	Humic Powder
Consumption instructions	Along with irrigation and seeding
Appearance	Dark powder
Packing	750 gr

Products	consumption instruction	Consumption	consumption time
fruit trees	Along with irrigation	8 -12 kilos per hectare	During the season
Agricultural plants	Along with irrigation	5 - 10 kilos per hectare	Cultivation in the treasury, with irrigation, before flowering, after fruit formation

Humic powder

- Humic powder helps to increase root growth and stimulate germination, increase absorption of nutrients from the soil, increase plant resistance against cold, drought, pests and diseases. It is the production of stronger and healthier plants and the improvement of important elements and compounds in chlorophyll that can increase the speed of photosynthesis.

Powdered humic can be used as a soil conditioner. Improving soil structure and facilitating cation exchange is another effect of powdered humic fertilizer. Stimulating biological activity in the soil, reducing salinity in alkaline soils, increasing the amount of humus in the soil, reducing the residue of pesticides and preventing the accumulation of heavy metal particles are other effects of this product.

- Humic powder increases the efficiency of elements.



SHIMI GOL
KHORASAN CO.
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Super Power

- Very high efficiency in alkaline soils.
- Free of heavy metals and chlorine compounds.
- Chelation nutrients macro and micro to increase plant access for a long period of time.
- Increase in cation exchange capacity (CEC).
- Improve soil structure for better ventilation and water movement.
- Stimulation of beneficial microorganisms, Which can improve soil pH in the long run especially in sandy soils.
- Increase water uptake in the plant and increase rooting and uptake of micro and macro elements by the plant.
- Increase plant resistance to environmental stresses.
- Increase chlorophyll synthesis and increase the size and color of products.



Product Name	Super Power
Consumption instructions	In the soil
Appearance	Black Granule
Packing	25 kg

(W/W) Compounds

Nitrogen (N)	Phosphorus (P ₂ O ₅)	Potassium (K ₂ O)	Soluble Iron	Soluble Zinc	Organic Carbon (OC)	Organic Material (OM)	Electrical Conductivity	(pH)	Humidity
%1	%0/5	%1	%0/018	%0/0002	%22	%37/5	ms/cm 660	4	%15

Product Name	Spraying solution	Irrigation (per hectare)
agricultural	500-700 kg per hectare	Use mixed with soil before planting
Garden	600-800 kg per hectare	Use as a fertilizer burial in tree shade
Greenhouse	200-500 grams per square meter	Use before planting per square meter





(W/W) Compounds	
HUMIC ACID	%30
Organic material	%25



Product Name	FERTI PLUS
Consumption instructions	In the soil
Appearance	Black Granule
Packing	25 kg

Product Name	Spraying solution	Irrigation (per hectare)
agricultural	500-700 kg per hectare	Use mixed with soil before planting
Garden	600-800 kg per hectare	Use as a fertilizer burial in tree shade
Greenhouse	200-500 grams per square meter	Use before planting per square meter

FERTI PLUS

- Very high efficiency in alkaline soils.
- Improve plant health.
- Free of heavy metals and chlorine compounds.
- Chelation nutrients macro and micro to increase plant access for a long period of time.
- Increase in cation exchange capacity (CEC).
- Improve soil structure for better ventilation and water movement.
- Stimulation of beneficial microorganisms, Which can improve soil pH in the long run especially in sandy soils.
- Increase water uptake in the plant and increase rooting and uptake of micro and macro elements by the plant.
- Increase plant resistance to environmental stresses.
- Increase chlorophyll synthesis and increase the size and color of products.





Humi Falex

Humi Falex organic soil improver increases the plant's ability to absorb essential nutrients and plays a role in improving the soil structure and increases the plant's resistance to environmental stress.

This fertilizer is free of heavy metals and chlorine compounds.



(W/W) Compounds	
Nitrogen(N)	%1
Phosphorus (P ₂ O ₅)	%1
Humic Acid (HA)	%3
Potassium (K ₂ O)	%1
Organic Matter(OM)	%25

Product Name	Humi Falex
Consumption instructions	In the soil
Appearance	Black Granule
Packing	25 kg

Product Name	Spraying solution	Irrigation (per hectare)
agricultural	500-700 kg per hectare	Use mixed with soil before planting
Garden	600-800 kg per hectare	Use as a fertilizer burial in tree shade
Greenhouse	200-500 grams per square meter	Use before planting per square meter





Granule saffron fertilizer

SHIMI GOL especial saffron fertilizer is formulated according to the needs of saffron to different elements. The organic and HUMIC substances in this fertilizer increase the food storage in saffron onions thus, a significant effect on increasing the production of saffron stigma, increasing the plant's resistance to various stressors, including temperature and drought stress. The slow and gradual release of elements in organic fertilizers as a result of poor washing of nutrients during growth is another desirable feature of organic fertilizers. These materials improve the physical properties of the soil and its decomposition, Provides the materials needed for the formation and stability of the aggregates.



Product Name	Granule saffron fertilizer
Consumption instructions	In the soil
Appearance	Black Granule
Packing	25-30 kg

(W/W)Compounds

HUMIC ACID	Organic material	K	N
%20	%18/5	%0.2	%0.9

Consumption instruction

Before watering, first fertilize 600 to 800 kg in the ground and then mix it with soil by plowing.





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