

Razak Shimi Product Catalog

Chelated iron fertilizer micro granules and powder

Package type:

Powder iron in 1kg carton with GREEN Star brand

Powder iron in 1kg carton with FERRO top brand

Micro Granule iron in 1kg carton with GREEN Star Micro granule brand

Bulk iron in 25kg packaging with Razak Shimi brand

Type of fertilizer: Chemical

Code registration number: 51106

Physical Properties: Solid brown powder

Iron is an essential nutrient for plant growth that contributes to vegetable metabolism, increased respiration and photosynthesis, and enzymatic activities. Excessive irrigation, excessive and unbalanced use of chemical fertilizers, soil compaction and lack of regular planning to add organic matter to the soil cause iron deficiency. This deficiency can be offset by clever management and the use of FERRO top and GREEN Star chelates.

Consumption	Consuming Time	product
At fertility stage 70-150 g for each tree	Spraying solution	Citrus
At the beginning of fruiting 20-40 g per tree	
Starting fertility 40-20g per tree		Other fruit trees
Full fruiting 80-40 g per tree		
5-2 grams per square meter		Ornamental plants
5.5 to 2.5 kg per hectare		Vegetables and Cultivation Of Summer Crops
17 g per thousand liters		Hydroponic cultivation

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Properties:

Fully soluble in water and 100% absorbable by the plant

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

100% chelated and no chlorine

Mixable with other fertilizers and pesticides

Neutral pH that reduces the alkalinity of the soil and consequently corrects it

Increase yield and early maturity and improve plant quality

Reduce fruit spoilage and increase environmental stress

Resistance to UV rays and preservation of property

No use of any color or chemicals

Cheap price and usability for all garden, greenhouse and crop applications

Guaranteed parsing: (W / W)

Total Nitrogen	Soluble iron	Chelated iron	Compounds
%۷.۳	%۶	%۵.۲	the amount of %

Full fertilizer TE + NPK (20-20-20)

Package type: ZAGRA Star brand in 10kg packaging - GREEN Star brand in 25kg packaging

Type of fertilizer: Chemical

Code registration number: 02705

Physical Properties: Solid pink powder

The fertilizer contains 20% nitrogen, phosphorus and potassium. This product, in addition to meeting the needs of plants and improving all plant mechanisms, has an effective role in balancing the elements in soil and plants that enables the absorption of most nutrients and micronutrients through the roots and leaves of the plant. Contains the necessary elements of the plant, used as a general fertilizer for various crops and gardens during the growing season .The micronutrients in this fertilizer are not affected by cytoplasmic and endoplasmic reticulum due to its chelate content, do not precipitate, and are considerably used by the plant.

Fertilizer usage instructions:

Consumption	Type of consuming	product
4-3 kg per hectare	Irrigation under pressure	Vegetables and greenhouses
4 kg per thousand liters of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
5 kg per hectare	Irrigation under pressure	Cereals (wheat-barley-corn)
4 kg per liter of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
8 kg per hectare	Irrigation under pressure	Fruit trees (apple-pear-peach-citrus etc.)
4 kg per thousand liters of water	Spraying solution	
800-200 grams for each tree	Soil consumption	

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

100% water soluble

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

Guaranteed parsing: (W / W)

Copper cu	Boron B	Manganese MN	Zinc Zn	magnesium Mg	Iron Fe	Water- soluble potassium (K2O)	Available Phosphorus (P2O5)	Total Nitrogen (N)	Compounds
۰/۰۷	۰/۰۳	۰/۳	۰/۲	۰/۵	۱	۲۰	۲۰	۲۰	the amount of %

Full fertilizer TE + NPK (12-12-36)

Package type: ZAGRA Star brand in 10kg packaging

Type of fertilizer: Chemical

Code registration number: 77282

Physical Properties: Solid turquoise powder

This fertilizer, which has high levels of potassium (30%) in addition to adequate amounts of nitrogen and phosphorus

This product especially in flowering and pre-harvest stages of fruit ripening increases metabolism and stomach motility and has a great effect on increasing fruiting, coarsening and coloring of crops, horticulture and greenhouse and ultimately increases the quality and quantity of crop.

Fertilizer usage instructions:

Consumption	Type of consuming	product
4-3 kg per hectare	Irrigation under pressure	Vegetables and greenhouses
4 kg per thousand liters of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
5 kg per hectare	Irrigation under pressure	Cereals (wheat-barley-corn)
4 kg per thousand liter of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
8 kg per hectare	Irrigation under pressure	Fruit trees (apple-pear-peach-citrus etc.)
4 kg per thousand liters of water	Spraying solution	
800-200 grams for each tree	Soil consumption	

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

100% water soluble

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

Guaranteed parsing: (W / W)

Copper cu	Boron B	Manganese MN	Zinc Zn	magnesium Mg	Iron Fe	Water- soluble potassium (K2O)	Available Phosphorus (P2O5)	Total Nitrogen (N)	Compounds
۰./۰۷	۰./۰۳	۰./۳	۰./۲	۰./۵	۱	۳۶	۱۲	۱۲	the amount of %

Full fertilizer TE + NPK (30-10-10)

Package Type: ZAGRA Star brand in 10kg packaging

Type of fertilizer: Chemical

Code registration number: 05077

Physical Properties: Solid powder in color

This fertilizer contains 30% nitrogen which plays a major role in the formation of protoplasm, nucleic acid, protein and amino acid in the plant. It also increases the amount of chlorophyll in the leaves and also increases growth, crispness and hydration in forage plants. The use of this fertilizer at the end of the growing season causes the growth of young shoots that are very vulnerable to winter cold. In leafy vegetables, it also promotes chlorophyll growth. The use of this fertilizer after flowering significantly increases the protein content of the grain, especially in cereals, thus improving the quality of the bakery. One of the important results of this fertilizer use, is the help of phosphorus uptake.

Fertilizer usage instructions:

Consumption	Consuming Time	product
3-1 kg per hectare	At the same time as vegetative growth in several stages	Fruit and citrus trees
3-1 kg per hectare	In the vegetative growth stage to increase the chlorophyll in several stages	Vegetables and Cultivation Of Summer Crops
3-1 kg per hectare	The card step	Cereals and oilseeds
500 grams per hectare	Before flowering	Flowers and ornamental plants
3-1 kg per hectare	In the phase of vegetative growth	Industrial plants (beet, cotton, sugar cane, etc.)
2-4 kg per hectare	Repeatedly during growth	Forage plants
3-1 kg per hectare	Early vegetative growth stage	Grapes

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

100% water soluble

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

Guaranteed parsing: (W / W)

Copper Cu	Boron B	Manganese Mn	Zinc Zn	magnesium Mg	Iron Fe	Dissolved chlorine (CL)	Water- soluble potassium (K ₂ O)	Available Phosphorus (P ₂ O ₅)	Total Nitrogen (N)	Compounds
0.03	0.3	0.2	0.5	1	3.5	3.5	10	10	30	the amount of %

Full fertilizer TE + NPK (10-52-10)

Package Type: ZAGRA Star brand in 10kg packaging

Type of fertilizer: Chemical Code registration number: 32990 **Physical Properties:** Solid turquoise powder

It contains macro elements such as nitrogen, potassium, and 52% phosphorus and contains a variety of micro elements such as iron, zinc, manganese, boron and copper and is used for soils where phosphorus depletion (as a result of soil degradation) is evident Recommended. Thus, the phosphorus needed for rooting, enhancing the quality and increasing crop yields is available to the plant. Phosphorus is mainly used to stabilize and transplant seedlings and to increase root length. Sufficient amount of phosphate fertilizer for seed production is more effective than later stages of growth.

Fertilizer usage instructions:

Consumption	Type of consuming	product
4-3 kg per hectare	Irrigation under pressure	Vegetables and greenhouses
4 kg per thousand liters of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
5 kg per hectare	Irrigation under pressure	Cereals (wheat-barley-corn)
4 kg per thousand liter of water	Spraying solution	
100-30 kg per hectare	Soil consumption	
8 kg per hectare	Irrigation under pressure	Fruit trees (apple-pear-peach-citrus etc.)
4 kg per thousand liters of water	Spraying solution	
800-200 grams for each tree	Soil consumption	

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

100% water soluble

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

Guaranteed parsing: (W / W)

Copper cu	Boron B	Manganese MN	Zinc Zn	magnesium Mg	Iron Fe	Water- soluble potassium (K2O)	Available Phosphorus (P2O5)	Total Nitrogen (N)	Compounds
٠/٠٧	٠/٠٣	٠/٣	٠/٢	٠/٥	١	١٠	٥٢	١٠	the amount of %

Full fertilizer TE + NPK (15-05-30)

Package Type: ZAGRA Star brand in 10kg package

Type of fertilizer: Chemical

Code registration number: 45974

Physical Properties: Solid turquoise powder

It is a complete fertilizer with high levels of potassium (30%) in addition to nitrogen and phosphorus. This product, especially in flowering and pre-harvest stages, and fruit ripening, increase metabolism and increase stomach motility and have a significant effect on increasing fruiting, coarsening and coloring crops, orchards and greenhouses and ultimately enhancing quality And the quantity of the product.

Fertilizer usage instructions:

Consumption	Consuming Time	product
4-3 kg per hectare	At the same time as vegetative growth in several stages	Fruit and citrus trees
4-3 kg per hectare	In the vegetative growth stage to increase the chlorophyll in several stages	Vegetables and Cultivation Of Summer Crops
4-3 kg per hectare	The card step	Cereals and oilseeds
750 grams per hectare	Before flowering	Flowers and ornamental plants
5-4 kg per hectare	In the phase of vegetative growth	Industrial plants (beet, cotton, sugar cane, etc.)
750 grams per hectare	Repeatedly during growth	Forage plants
4-3 kg per hectare	Early vegetative growth stage	Grapes

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

100% water soluble

Lack of sedimentation in the irrigation system

Mixable with other pesticides and fertilizers

Contains essential nutrients of the plant as chelates

Guaranteed parsing: (W / W)

Copper Cu	Boron B	Manganese Mn	Zinc Zn	magnesium Mg	Iron Fe	Dissolved chlorine (CL)	Water- soluble potassium (K ₂ O)	Available Phosphorus (P ₂ O ₅)	Total Nitrogen (N)	Compounds
0.03	0.3	0.2	0.5	1	3.5	3.5	10	10	30	the amount of %

Potassium Sulfate (Sulfate) Sulfate Potash

Package Type: GREEN Star brand in 25kg packaging and RAZAK SHIMI brand in 10kg packaging

Fertilizer Type: Chemical (0-0-51) **Code registration number:** 149755 **Physical Properties:** Solid white powder

The fertilizer contains the necessary elements of sulfur and potassium. The combination of solo potash with 51% potassium and sulfate in the form of sulfate is easily absorbed by the plant. This fertilizer is used in different types of cultivation (soil, hydroponics) and in a variety of irrigation methods (waterlogging, drip and rainwater). This compound has the highest quality among potash fertilizers and its proper use increases the quantitative and qualitative yield of agricultural products. It has almost no chloride and has the lowest salt content among potash fertilizers.

Consumption	Consuming Time	product
18-15 kg per hectare	Before going to blossom and bear fruit	Fruit and citrus trees
12 - 10 kg per hectare	Peak of vegetative growth and fruit formation time	Vegetables and Cultivation Of Summer Crops
15- 12 kg per hectare	After filling the clusters	Cereals and oilseeds
5-4 kg per hectare	At the final stages of vegetative growth	Industrial plants (beet, cotton, sugar cane ...)

The amount of consumption presented is overall and the exact amount depends on soil texture, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Properties:

Decreased sleeping in cereals with increased stem resistance

Increased plant resistance to pests, diseases, cold stress, heat, salinity and drought

- Improves fruit color
- Increase of sugar and vitamin C in citrus fruits
- Help to make oil in oilseeds
- Prevent nitrate accumulation in plant tissues
- Reduce the need for phosphorus fertilizers in plants due to increased solubility of phosphorus
- Fully soluble in water
- Usable in acidic and alkaline soils
- Contains sulfur for better absorption through the root

Consumption:

Use solo potash fertilizer when you need sulfur or potassium. In fertile plants at the time of fruit ripening it is recommended to use this fertilizer.

Drip irrigation: Repeat 2 to 3 times with 1-3 kg in 1000-400 liters of water per hectare.

Spraying solution: 1-3 kg per 1000 liters of water

Note: Do not mix this fertilizer with calcium fertilizers. It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Guaranteed parsing:

Soluble sulfur (S)	Water-soluble potassium (K ₂ O)	Compounds
١٨	٥١	the amount of%

Humic acid fertilizer

Package Type: ZAGRA Star brand in 1kg and 4kg packs and 25kg bulk

Fertilizer type: Organic

Code registration number: 278540

Physical Properties: Solid black powder

Ideal humic acid should be 4 to 6 percent in agricultural soils. But in arid and desert soils the soil organic matter and consequently humic acid is very low so that except north coastline, soil organic matter in most parts of our country is below 1% and in many places even below 0.01%. The poverty of agricultural soils in desert areas can be offset by the addition of humic substances. Since its raw material is derived from living things and is made up of terrestrial organisms, they are useful for growing any other living thing, and because the organisms are the product of the humic substances of bacteria and especially non-pathogenic soil fungi, They also contribute to the growth of these species.

Advantages:

- Improve soil structure and help maintain its balance
- Helping to root and maintain more water in the soil
- Helps dissolve and release macro and micro elements and thus reduce the need for chemical fertilizers
- Increased plant resistance to salinity, dehydration and cold
- Increase seed germination rate

Long life and long life in soil

Reduce the toxic properties of fertilizers as well as reduce the excess elements in the soil

Help improve alkaline soils due to the acidic pH of this product

Increasing plant resistance to various diseases and reducing the need for pesticides

Adaptation to nature and no harm to plant and environment

Help improve product quality

Humic acid is the best natural chelate.

Fertilizer usage instructions:

Consumption	Consuming Time	product
4-3 kg per hectare	Repeat 3 times: 1- Before flowering 2- Two weeks after fruit formation 3- 20 to 30 days before harvest	Fruit and citrus trees
۴ kg per hectare	Repeat 3 times: 1- One month after planting 2- Before budding 3- Two weeks after flowering	Cereals and oilseeds
200-400 grams per thousand square meters	The first step is after 8 leaves and then repeated every two weeks until the end of the growth period	Greenhouse

The Consumption provided is overall and the exact amount is based on soil test results, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Humic acid	Water-soluble potassium (K2O)	Fulvic Acid	Compounds
۷۱	۱۵	۱۳	the amount of%

Humic acid liquid fertilizer

Package Type: ZAGRA Star brand in 1 liter and 5 liter packaging

Fertilizer type: Organic

Code registration number: 278540

Physical Properties: Liquid

Fertilizer usage instructions:

Consumption	product
Dissolve 20 liters per hectare in a ratio of at least 1 to 10 in water and gradually pour in water.	Flood irrigation
Dissolve 1 liter per hectare in a ratio of 1 to 10 in water and gradually pour into water tank.	Drip irrigation
Dissolve 1 cc in one liter of water needed by the plant	Hydroponic and pot

The Consumption provided is overall and the exact amount is based on soil test results, climatic conditions and expert opinion of the agricultural area.

Leaf spraying should be done at the coolest time of day.

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Guaranteed parsing:

Potassium hydrate	Humic acid	Water-soluble potassium (K ₂ O)	Folic Acid	Compounds
۱۲	۱۰/۵	۱/۵	۰/۱	the amount of%

Liquid Chelate Iron Fertilizer

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Code registration number: 658516

Code registration number: 658516

Iron is one of the essential elements for plant growth that results in chlorophyll metabolism, Increases respiration, photosynthesis and enzymatic activities. In the absence of that chlorophyll is not sufficiently found in the cells and the leaves appear pale, Excessive irrigation and unbalanced use of chemical fertilizers, soil compaction and lack of regular planning to add organic matter to the soil cause iron deficiency. This deficiency can be offset by clever management and the use of chelated digenetic iron chelate. This fertilizer contains amino acids and nitrogen which are highly efficient in the plant and effectively reduce the deficiency of this important element in soil and foliar application conditions.

Properties:

۱۰۰%Chelate and no chlorine

Mixable with other fertilizers and pesticides

Biodegradable

۱۰۰% Absorbable in plants and without any sediment

Decrease alkaline state of soil and its modification due to neutral pH

Improve performance and early life and improve product quality

Resistant to pests, diseases and frostbite

Reduce fruit loss lesions and increase resistance to live and abiotic stresses

Consumption	Consuming Time	product
1 per thousand liters of water	Early growing season when the plant wakes up (before flowering) After the fruit is formed Repeat spraying if needed for 10-14 days.	Spraying solution
4-6 liters per hectare; repeated within a week		drip

Guaranteed parsing:

Sulfate	Total Nitrogen	amino acid	Chelated iron	Compounds
۶	۸	۱۰	۶	the amount of%

Copper Chelate Liquid Fertilizer

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Copper is essential for many enzymatic systems in photosynthesis and is part of the chloroplast or plastocyanin protein involved in the electron transfer. Copper is also effective in the synthesis and fixation of chlorophyll and other pigments and is involved in the metabolism of sugar and nitrogen. High intake of phosphorus, nitrogen and zinc causes copper deficiency, Copper-deficient leaves become elongated and petiole bent. Copper deficiency is mild chlorosis throughout the leaf surface; it is associated with a decrease in irreversible endurance in young leaves. The freshly aged leaves become lattice and the veins remain green. Some parts of the leaves turn pale gray. The leaves are left with a small copper deficiency and stains on them. Cereals (wheat, barley, rice, etc.) are among the products most vulnerable to copper deficiency.

Properties:

Ability to mix with all fertilizers and agricultural pesticides

100% Chelate and no sediment

Effective in many enzymatic processes

Effective in the manufacture of cell wall

Effective on grain production

Interference to woody cell walls

Consumption	Consuming Time	product
5 liters per thousand liters of water	Early growing season when the plant wakes up (before flowering)	Spraying solution

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Sulfate	Total Nitrogen	amino acid	Copper	Compounds
٤	٨	١٠	١٤	the amount of%

Calcium Chelate Liquid Fertilizer

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

The role of calcium in plants is very important. It regulates the transport of nutrients into plants, activates plant enzymes and reduces the effects of cold and light stress. It is also necessary to start the seed germination process. Calcium is the raw material that forms the cell wall and membrane, which strengthens and enlarges them. Calcium deficiency has a negative effect on cell division; the meristem part of the plant disappears and damages the cell wall of the plant, it also wrinkles and deforms the young leaves at the ends of the branches and restricts root growth and branching. For example, in tomatoes, they rot and in potatoes, grapes and strawberries cause the leaves to turn pale and yellow. In fruits, the size of the fruit is small and deformed, ultimately reducing the quantity and quality of products.

Properties:

.....

Early product

Prevent flower fall

Prevention of rapid transmission of diseases

Increased fruit resistance to physical factors

Resistant to drought, salinity and frost

Ability to mix with all fertilizers and agricultural pesticides

100% chelate, completely soluble in water and free of sediment

Consumption	Consuming Time	product
5 per thousand liters of water per hectare	Twice 14 days after fruit formation At the beginning of the growth period, repeat within 14–10 days	fruit trees
		Other plants

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Total Nitrogen	amino acid	Calcium	Compounds
٥	١٠	١١	مقدار %

Chlorine Boron Liquid Fertilizer % ٨

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Boron is one of the essential micronutrients for improving the quality and quantity of the product. Boron is effective in the transport of sugars, cell division and the production of some plant enzymes needed. Boron also plays an important role in pollination and prevention of disease infiltration into the plant. It is very effective on root growth, cell wall formation and plant resistance to colds and diseases. Zagra's boron liquid fertilizer contains 8% boron, which is completely effective and absorbable in the production process and can be used individually or in combination with other elements.

Consumption:

Liters per 1000 liters of water	Consuming Time	product
٢/٥-١/٥	1-2 times during the growing season	fruit trees
١/٥-١	1-2 times during the growing season	Vegetables and fruits
٠/٥	1-2 times during the growing season	Cereals
١-٠/٥	Before flowering	Oil Seeds
٣-٢	2-3 times from the beginning of the growing season every 15 days	Sugar beet

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

Total Nitrogen	amino acid	Boron	Compounds
٤	٥	٨	مقدار %

Boron-Magnesium Chelate Liquid Fertilizer

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

This product contains chelated magnesium and boron elements. Boron is effective in the transport of sugars, cell division and the production of some enzymes and also plays an important role in pollination and in preventing the disease from penetrating into the plant. It is very effective in root growth, cell wall formation and increasing plant resistance to colds and diseases. Magnesium is also an important part of the chlorophyll structure which is an essential pigment in photosynthesis. It plays a key role in the production of ATP. Magnesium is a key element in oil production in oily plants and its deficiency in forage is problematic for livestock.

Properties:

100% chelate and high absorption rate

Fully soluble in water and free of sediment

Accelerate pollination and germination

Mixable with all fertilizers and agricultural pesticides

Effective on grain filling, synthesis and transfer of starch and protein and weight gain of 1000 grains

Increasing the amount of oil in the seeds

Liters per 1000 liters of water	Consuming Time	product
۲-۳	After the petals fall	Stone fruits
	Early growth period	Other plants

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

Sulfate	Total Nitrogen	amino acid	Boron - Magnesium	Compounds
۴	۸	۱۰	۸	the amount of%

N.P.K Complete Liquid Fertilizer 10-10-10

liter packaging \ **Package Type:** ZAGRA Star brand in

Type of fertilizer: Chemical

Physical Properties: Liquid

This fertilizer contains all the necessary elements of the plant for successful production. This compound is a basic solution of the major elements of nitrogen, phosphorus and potassium, which other micro elements are placed on to form sediment and thus be applicable to plants. In simple fertilizers, the introduction of each micro element causes the formation of clots and sediments and eventually a heterogeneous mixture. Due to the low salinity index in this fertilizer, burning in leaves and flowers (in spraying solution) is reduced to the minimum possible. It is used in gardening, outdoor and greenhouse crops to eliminate food shortages. In flowering plants (such as cucumbers with a continuous flowering period) from the beginning to the end of the planting period, this fertilizer can be used. It is recommended to use this fertilizer from the time of initial growth in the trees and planting transplants in the vegetable and pomegranate until the beginning of fertilization.

Properties:

Mixable with all fertilizers and agricultural pesticides

Effective in the least time and with the least cost and best performance

Consumption

Liters per liters of water	Consuming Time	product
3-2/5	During growth after germination, before flowering and after fruit formation	Fruit and citrus trees
2/5-1/5	At the time of growth	Vegetables and Cultivation Of Summer Crops
3-2/5	At the time of growth	Cereals and oilseeds
2/5-1/5	At the time of growth	Flowers and ornamental plants
3-2/5	At the time of growth	Industrial plants

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

magnesium	Iron	amino acid	Calcium	Soluble potassium	Soluble phosphorus	Soluble nitrogen	Compounds
٠/٥	١	١	٢	١٠	١٠	١٠	مقدار %

for greenhouse and ornamental flowers ١٠-٣-٣ Liquid fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

In greenhouses due to the constant need to prevent fertilizer and salinity accumulation, it is best to have fertilizer uniformly and regularly. Therefore, the best choice to achieve this target is to use this fertilizer. Zagra complete fertilizer is prepared by a special formula and is suitable for use in Fogger machines.

As it has all the necessary elements of the plant, it is used as a general fertilizer in various greenhouse products to meet the plant's overall nutritional needs.

Properties:

%١٠٠ Absorbable by the plant

Lack of sedimentation in the System

Usage instructions:

square meters ١٠٠٠ liters of dissolved water is poured into the fugue machine and used for ١.٥cc in ٣٠٠. The amount of of greenhouse. It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

magnesium	Iron	amino acid	Calcium	Soluble potassium	Soluble phosphorus	Soluble nitrogen	Compounds
٠/٥	١	١	٢	١٠	٣	٣	مقدار %

High potash liquid fertilizer (40 %)

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Potassium is one of the most important elements that play a major role in plant growth. Zagra high potassium liquid fertilizer with 40% potassium can play an important role in supplying plants with potassium. Potassium deficiency in plants, especially cereals, causes weakening and consequently stems.

Properties:

- Increase plant resistance to dehydration, frostbite, pests and diseases
- Accelerating plant tissue growth by activating different enzymes and improving carbohydrate metabolism
- Increase plant yield by controlling shine intensity and intensifying photosynthetic action
- Increased chlorophyll concentration and carbonization
- Increasing the efficiency of nitrogen fertilizers
- Reduction of Nitrate and Cadmium Accumulation in Vegetables and Cultivation of Summer Crops
- Increasing plant tolerance to salinity and decreasing soil moisture and climatic stress
- Increase in transpiration efficiency under water stress due to increased number and diameter of vascular bundles
- Increasing the quality and storage properties of crops and orchards

Consumption:

liters ١٠٠٠Liters per of water	Consuming Time	product
٤-٢	After germination and after fruit formation	fruit trees
٢-١/٥	days ١٥During growth every	Vegetables and Cultivation Of Summer Crops
٣-٢	Repeatedly during growth	Cereals
١-٠/٥	days ٢٠During growth every	Flowers and ornamental plants

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

Total Nitrogen	Soluble potassium	Compounds
٤	٣٦	the amount %of

Nutrient Amino Liquid Fertilizer

Package Type: Brand ZAGRA Star in 1 liter packaging

Type of fertilizer: Chemical Physical Properties: Liquid

The fertilizer contains high concentrations of amino acids and micro elements such as zinc, iron and manganese that increase grain protein, clustering, flowering and fruit formation, improve nutrient uptake, reduce drought and freeze damage. This fertilizer is suitable for foliar spraying, home use and pressurized irrigation systems, which are readily available to plant tissues, thereby helping to make protein by synthesizing hormone and enzyme precursors. This product is a natural growth regulator that activates enzymatic and biochemical processes in plants and improves synthesis and metabolism processes.

Properties:

- 100% Water-soluble and free of sediment
- Applicable to all pesticides and agricultural fertilizers
- Accelerate germination, rooting, flowering and fruit growth
- Increased resistance to stress caused by sudden climate change, parasitic attacks and plant poisoning

Instructions for use:

product	Consuming Time	liters of 100Liters per water
3-2/5	At the time of flowering	Fruit and citrus trees
2/5-2	days 10 to 15At the time of growing	Vegetables and Cultivation Of Summer Crops
3-2/5	At the time of flowering	Cereals and oilseeds
0/5	days 30At the time of growth every	Flowers and ornamental plants
2-1/5	During the whole growth period of days once 10-15	Forage plants

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

Calcium	Zinc	Iron	Total Nitrogen	Sulfate	amino acid	Compounds
0/1	1	3	8	4	10	The amount of

Alfalfa liquid fertilizer

Package Type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical **Physical Properties:** Liquid

This fertilizer is the best nitrogen supplier in this group of plants and prevents nitrate accumulation in alfalfa. Potassium and phosphorus are also important in the quantitative and qualitative growth of these products economical elements such as magnesium, zinc and iron in alfalfa give the leaves freshness, proper color, pleasant taste and odor and their strength. This composition contains all the micronutrients with appropriate percentages for foliar application of alfalfa fields.

Properties:

Product premature

Improve the taste and color of the product and ultimately increase the quality

Longer shelf life after harvest

Concomitant use with pesticides also increases the efficiency of pesticides

Increased resistance to pests and diseases

Increase the amount of chlorophyll and absorb phosphorus and nitrogen

Time and method of use:

Use this solution repeatedly during growth

Consumption 300-250 cc in 100 liters of water

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing

magnesium	Iron	amino acid	Calcium	Soluble potassium	Soluble phosphorus	Soluble nitrogen	Compounds
٠/٥	١	١	٢	١١	٤	٤	the amount %of

Liquid fertilizer for vegetables and Cultivation of Summer Crops

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical **Physical Properties:** Liquid

This fertilizer is the best nitrogen supplier in this group of plants and prevents nitrate accumulation in vegetables. Potassium and phosphorus are also important in the quantitative and qualitative growth of these products. Consuming elements such as magnesium, zinc and iron in vegetables cause leaf freshness, proper color, pleasant taste and odor and greenness in vegetable products of shrinkage, end rot of flowers and fruits (cucumber, cantaloupe, pepper and tomato),

Prevents black spots and surface cracking (celery, lettuce and cabbage). It contains all the micronutrients with suitable percentages for Greenhouse spraying solution of tomato, eggplant, potato, cucumber, watermelon, melon, pumpkin, pepper, okra, onion, cauliflower, vegetables and alfalfa fields.

Properties:

Product premature

Improve the taste and color of the product and ultimately increase the quality

Longer shelf life after harvest

Concomitant use of pesticides also increases the efficiency of pesticides

Increased resistance to pests and diseases

Prevention of falling flowers and fruits

Increase the amount of chlorophyll and absorb phosphorus and nitrogen

Instructions for use:

نحوه مصرف:

product	Consuming Time	liters ١٠٠٠Liters per of water
Types of leafy vegetables, peppers, cabbage, beans, peas	Often In times of growth	٣-٢/٥
Sugar beet	Often In times of growth	٤-٣/٥
Cucumber, melon, watermelon	Often In times of growth	٢/٥-٣/٥
Potatoes, tomatoes	Often In times of growth	٤-٣/٥
Strawberries	Often In times of growth	٣/٥-٣

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Guaranteed parsing:

magnesium	Iron	amino acid	Calcium	Soluble potassium	Soluble phosphorus	Soluble nitrogen	Compounds
٠/٥	١	١	٢	١١	٦	٤	the amount %of

Liquid fertilizer for fruit trees

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

The high sugar content, deliciousness and beauty of the fruit are the characteristics that consumers expect and such characteristics will make the fruit marketable. All of the above expectations are met by the use of Zagra Liquid Fertilizer for fruit trees. Fruit trees are particularly interested in micronutrients, especially zinc and iron, and are sensitive to their deficiency. Due to the sensitivity of most fruit trees, especially the stone fruits to chlorine, selection of potassium ions from non-chlorinated sources is one of the advantages of this fertilizer. This is one of the best fertilizer solution for spraying apple trees, pear, plum, apricot, peach, nectarine and... Therefore, in order to have proper nutrition these trees need to be used properly and in sufficient quantities.

Properties:

۱۰۰%Soluble in water and free of sediment

Can be used with all pesticides and manure

Increased resistance to stress due to sudden climate change, parasitic attacks and plant poisoning

Increase the yield and vitality of the tree and increase the quality of the fruit

Increased storage capacity and preservation of fruits

Time and method of use:

liters of water, and, when the buds swell in spring spraying ۱۰۰ liters of liquid fertilizer dissolved in ۳-۵The amount of began. Thefruit (about 3 weeks after fruit set) repeated spraying.

After harvesting, spray in end summer and began fall.

It is best to spray at dusk or sunrise and after irrigation.

Avoid spraying when thirsty or cold.

Expert advice:

It is recommended to determine the exact time and amount of consumption according to the opinion of plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Guaranteed parsing:

magnesium	Iron	amino acid	Calcium	Soluble potassium	Soluble phosphorus	Soluble nitrogen	Compounds
۰/۵	۱	۱	۲	۱۱	۶	۴	the amount %of

Dedicated liquid cucumber fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Chelated cucumber-specific liquid fertilizer formulated with amino acid-based organic and protein-enriched natural hormones tailored to the basic needs of the cucumber plant and thus has the highest efficiency. Cucumber fertilizer includes macro elements (nitrogen, phosphorus and potassium), semi-macro elements (sulfur, calcium and magnesium), micro elements (iron, zinc, manganese, copper and molybdenum) and 17 types of natural amino acids and organic stimulants.

Properties:

Relieves the deficiency of elements in the plant

Stimulation and transfer of sugar as well as capillary root formation in plants

Increased product storage capacity

Improve crop quality and increase yield of cucumber

Ability to mix with all pesticides and pesticides

Time and method of use:

Spraying is best done at dusk and in cool air

liters per hectare before flowering and before planting 4 to 6 Between

Expert advice:

It is recommended to determine the exact time and amount of consumption according to the opinion of plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Special liquid tomato fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Tomato need great fertile soil and nutrients properly balanced. Each of the main nutrients, secondary and micronutrients plays a major role in the quantity and quality of the product, and the balance between nutrients is very important. This fertilizer has been prepared in a combination with tomato requirements and consequently increases vegetative growth, increased plant resistance to various diseases and environmental stresses and is effective in improving crop quality, accelerating germination and fruit ripening. It also prevents growth retardation, discoloration of the plant, yellowing and burning of leaves, as well as small fruit retention and severe crop failure.

Properties:

- Relieves potassium deficiency in plants
- Stimulation and transfer of sugar as well as capillary root formation in plants
- Improve crop quality and increase yield of cucumber
- Prevention of flower rots in tomato

Time and method of use:

The time of use of this fertilizer is at different stages of growth
liters per hectare and are sprayed in the cooler hours of the day ½ A ratio of

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Proprietary liquid fertilizer potato

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical **Physical Properties:** Liquid

Nitrogen is one of the main factors in increasing wheat gluten. Gluten is one of the proteins in wheat grain that determines the quality of the product. Complex wheat specific fertilizer contains nitrogen and other macro, semi-macro and micro elements as chelates and a variety of vitamins and plant growth hormones that enhances product quality and protein content. Therefore, proprietary fertilizer application of wheat is recommended for high yields.

Properties:

- percent 50 to 70 Increase productivity by
- Product maturity, stronger stems and accelerates the heading of
- Significantly increased protein and amino acids levels and improved bakery properties
- Increase plant resistance to pests and diseases, especially fungal diseases
- Increased number and weight of grain per spike

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying when thirsty or cold

liters per thousand liters of water from the beginning of growing and tilling until one month before harvest ۵-۶ Use

.....

Expert advice:

It is recommended to determine the exact time and amount of consumption according to the opinion of plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Special pistachio liquid fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Zagros pistachio specific fertilizer is formulated to meet the basic needs of pistachio tree and its combination of materials and elements in the order that the plant has physiologically the easiest and shortest path to achieve and thus the highest growth efficiency. This fertilizer contains macro, semi-macro elements (sulfur, calcium and magnesium) and micro elements (iron, zinc, manganese, copper, boron and molybdenum) in chelate and various types of vitamins and plant growth hormones.

Properties:

Increase production and improve product quality

Increased plant resistance to pests and fungal diseases

Increased resistance to environmental stresses (dryness and cold)

Activation of plant enzymes, including carbon dioxide reducing enzymes

Increase in fatty acids and also product cracking

Absorption through root and leaves

Ability to mix with most pesticides

Time and method of use:

Sprayed solution should be done at the coolest hours of the day and after irrigation

Avoid spraying when thirsty or cold

The time of use of this fertilizer is before and after flowering and during pistachio filling

liters per thousand liters of water ۳to ۴Consume

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Exclusive Rice Liquid Fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Nitrogen is the most important element for quality rice nutrition. Potash and phosphorus are also essential for seed and manganese development for leaf and stem resistance and development. The fertilizer contains amino acids and the elements of macro, semi-macro (sulfur, calcium and magnesium) and micro elements (iron, zinc, manganese, copper, boron and molybdenum) as chelates and various plant vitamins and growth hormones.

Properties:

Stem strength and prevent sleepiness

Increased amino acids, organic acids and a variety of vitamins, especially minerals, minerals and terpenes (essential oils) , which cause aroma.

Increasing the weight of 1000 grains, increasing the number of panicles per unit area and increasing the number of grains per panicle

Increased plant resistance to pest attack and various diseases such as , brown spot and other physiological diseases

Early productivity, stronger plant growth, accelerates plant clustering and increase tillering power

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying when thirsty or cold

Repeat the use of this fertilizer at 1.5_2 per hectare after transplanting for 20 days

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Wheat Specific Liquid Fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Nitrogen is one of the main factors in increasing wheat Gluten is one of the proteins in wheat grain that determines the quality of the product. Complex wheat specific fertilizer contains nitrogen and other macro, semi-macro and micro elements as chelates and a variety of vitamins and plant growth hormones that enhances product quality and protein content. Therefore, proprietary fertilizer consumption of wheat is recommended for high yields.

Properties:

percent 50 to 70 Increase productivity by

Product maturity, stems become stronger and accelerate plant

Significantly increased protein and amino acids levels and improved bakery properties

Increase plant resistance to pests and diseases, especially fungal diseases

Increased number and weight of grain

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying when thirsty or cold

Use 4-5 liters per thousand liters of water from the beginning of growth and tillering until one month before harvest

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Corn Specific Liquid Fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Zagra specific corn fertilizer is formulated to meet the basic needs of the corn plant and includes macro, semi-macro (calcium, magnesium and sulfur) and micro elements (iron, zinc, manganese, copper, boron and molybdenum)

Properties:

Increased protein content of corn grain and nutritional value of crop due to sufficient nitrogen

Prevents shrinkage and shrubs and leaf yellowing

Enough starch and sugar production in grains due to potassium

Increased quality and ordering of grains on the fruit due to the presence of phosphorus

Prevents purple color of the plant leaf at the beginning of growth due to the presence of phosphorus

Increase the quality of unsaturated fatty acids and thus increase the quality of product oil

Increased plant resistance to pest attack and physiological diseases

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying when thirsty or cold

At the rate of 3–5 liters per hectare at 4-6 leaf stage, beginning of inflorescence and beginning of seed filling

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil testing, climatic conditions and water use

Cotton proprietary liquid fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Nitrogen and potassium in the growth of cotton, boll weight, fiber length, strength and fineness of fibers has a positive effect

Cotton is one of the plants that is in high need of magnesium and micro elements such as boron. Zagra proprietary fertilizer provides these requirements with its own formulation

Properties:

Increase the amount of product

Increased quality of produced cotton

Fast, durable and resistant to rain

Increased resistance to pests and physiological diseases

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying during thirst or cold

The time of use of this fertilizer is regularly 14 days before flowering until the last harvest

Dissolve at a rate of 4-3 liters per thousand liters of water and use

Use At a ratio of 5.4 kg per hectare

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil testing, climatic conditions and water use.

Special sugar beet liquid fertilizer

Sugar beet is particularly sensitive to the amount and consumption of nitrogen and requires a large amount of nitrogen to produce large tubers, but excessive absorption of this element also reduces the quality of sugar and milk.

The use of this fertilizer is unique in formulation, and the nitrogen ratio and the ideal proportion of micro elements in it, in addition to the high quality of the product, results in the highest growth and yield in the crop.

Properties:

Increase the product by 50 to 90 percent

Increase sugar content and gland weight by 40 to 60 percent

Increase speed to stabilize the product and facilitate the extraction of sugar from sugar

Prevents small, thin and thinning leaves

Increase of nutrient transfer through leaf to root

Increased plant resistance to drought and cold stress during harvest

Increasing plant resistance to pests and plant diseases

Time and method of use:

It is best to spray at dusk or sunrise and after irrigation

Avoid spraying during thirst or cold

5-3 kg per hectare than a month after the 6-4 leaf stage used 2 times within 21 days

Use at a rate of 3 liters per hectare up to 40 days before harvest every 15 days

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use

Dedicated saffron liquid fertilizer

Package type: ZAGRA Star brand in 1 liter packaging

Type of fertilizer: Chemical

Physical Properties: Liquid

Nutrition of saffron should be done in several stages. Basically it starts from the first water (before mud) and lasts until late winter and maybe early spring. Saffron specific fertilizer Zagra having the right amount of macro compounds, micronutrients and amino acids required saffron, in addition to the nutritional needs of the plant to significantly reduce the consumption of animal manure.

This fertilizer prevents decay, shrinkage and yellowing of saffron leaves by deficiency of trace elements in the plant, while preventing the deposition of nutrients in the stem and root of the plant, transferring nutrients to the leaf and increasing leaf photosynthetic power and ultimately increasing performance and quality of the corm and saffron stigma.

Properties:

Increase production and improve product quality

Increased plant resistance to environmental stresses

Increased germination power

Balanced nutrition of saffron scallions

Ability to mix with most pesticides

Time and method of use:

Spraying is done in the coolest hours of the day

After flowering and harvest flower (at the beginning of leaf growing season), water should be consumed at a rate of 5.5-1.2 liters per thousand liters.

During the vegetative growth and leaf growth at the rate of 3 liters per thousand liters of water consumed

In mid-February and March, 4 liters per thousand liters of water should be consumed

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Calcium nitrate

Package type: GREEN Star brand in 25kg packaging

Type of fertilizer: Chemical Physical Properties: Solid white crystal

Calcium nitrate fertilizer with a good percentage of nitrogen in the form of nitrate and calcium has many benefits for the plant and is very effective in increasing plant growth and firmness

Properties:

- High and direct absorption of fertilizer
- Improve product quality and increase yield and fruit size
- Cell wall stiffness followed by branch, leaf and fruit stiffness
- Extending the shelf life of horticultural products and vegetables
- Reduce the loss of water, fruits and vegetables after harvest
- Increasing plant resistance to pests, diseases and environmental stresses
- More root growth and development
- Increased absorption of potassium and magnesium nutrients

Time and method of use:

product	Methods and consumption	
	Spraying solution	Soil consumption
arable	kg per thousand liters of ۲-۱ water	kg per hectare ۱۰-۲۰
Fruit trees	kg per thousand liters of ۴-۲ water	kg per hectare ۲۰-۳۰

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use.

Manganese sulfate

Package type: GREEN Star brand in 10kg packaging

Type of fertilizer: Chemical

Physical Properties: Solid white powder

Manganese sulfate is completely powdered and soluble in water, and the amount of heavy lead and cadmium is removed and refined to the standard level. This product is available in soil, irrigation fertilizer and foliar application

Time and method of use:

product	Methods and consumption	
	Spraying solution	Soil consumption
Gardens	3-5 per thousand	In winter with animal fertilizer and sulfur 200-200 grams per tree
farms	بسته به شدت کمبود و گونه زراعی، ۱-۳ بار محلول پاشی تا رفع کمبود با غلظت ۱-۵ در هزار	As broadcasting and bar 5-10 kg / ha

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on soil test results, climatic conditions and water use

Iron sulfate

Package type: GREEN Star brand in 10kg packaging

Type of fertilizer: Chemical

Physical Properties: Solid crystal in light green

Iron sulfate is crystalline and completely soluble in water and its application reduces soil ph. This product is suitable for use in alkaline soils.

Time and method of use:

product		Methods and consumption
Spraying solution	
Vineyards	In the spring after full growth of the leaves at concentrations of 3–5 per thousand and repeated at 15 days until deficiency	In autumn with animal fertilizer, 250-50 grams per tree
Young Gardens		In autumn with animal fertilizer, 200-200 grams per tree
Fertile gardens		In autumn with animal fertilizer, 1000-250 grams per tree
farms		In the fall with animal manure, strip 80–80 kg / ha

Zinc sulfate

Package type: GREEN Star brand in 10kg packaging

Type of fertilizer: Chemical

Physical Properties: Solid white powder

The most important role of zinc in plants is the production of plant hormones, including auxin, which delay leaf aging and increase chlorophyll production. The zinc element increases the resistance of plants to environmental pests and stresses and strengthens the structure and root appearance of the plant.

Properties:

Applicable to all arable, orchards and ornamental plants

Mixable with all pesticides and fertilizers

Without sediment

Time and method of use:

product	Methods and consumption	
	Spraying solution	Soil consumption
Fruit trees	3-5 kg per thousand liters of water	250-100 grams per tree
Citrus	5 kg per thousand liters of water	250-100 grams per tree
Pistachio	6 kg per thousand liters of water	2700-900 grams per tree
Tiny grains (maize, rice, (soybeans etc.))	1.5 kg per thousand liters of water	40 kg per hectare

Expert advice:

It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Copper sulfate

Package type: GREEN Star brand in 10kg packaging

Type of fertilizer: Chemical

Physical Properties: Solid blue powder

Copper sulfate is commonly used as an antifungal in agriculture. It is also involved in the formation of chlorophyll and photosynthesis.

product	Methods and consumption	
	Spraying solution	Soil consumption
arable	2 kg per thousand liters of water	20-10 kg per hectare
Fruit trees	2–3 kg per thousand liters of water	150-50 grams per tree

Expert advice: It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.

Magnesium sulfate

Package type: GREEN Star brand in 10kg packaging

Type of fertilizer: Chemical **Physical Properties:** Solid white powder

Magnesium plays a key role in the production of chlorophyll, the production of growth and absorption enzymes, and the displacement of phosphorus. Increasing the life span of the green parts of the plant enhances photosynthesis and enhances the full filling of the seeds and increases the quantity and quality of oil in the oilseeds.

Time and method of use:

product	Methods and consumption	
	Spraying solution	Soil consumption
arable	5-10 kg per thousand liters of water	30-50 kg per hectare
Fruit trees	5-10 kg per thousand liters of water	0.5-1 kg for each tree

Expert advice: It is recommended to determine the exact time and amount of consumption according to plant nutrition experts and based on the results of soil tests, climatic conditions and water use.