Malbray
Chemicals Company

MALBRAY CHEMICAL COMPANY
FOR FERTILIZERS & AGRICULTURAL PESTICIDES
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Malbray

Chemicals Company



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About Us

- We are the Malbray Company in Erbil / Iraq. Agents of the German Mulberry Company located in Germany and the Middle East, we are specialized & pioneers in the field of manufacturing, producing & selling chemical materials & products inside Iraq to all governorates & outside Iraq, especially to the neighboring countries.
- We are providing services to all oil companies operating inside Iraq, such as providing them with chemical products that help them in drilling wells, as well as to meet the requirements of refineries for chemicals that contribute to the purification of crude oil extracted from wells, & we have similar business with the following companies: Halliburton, Kar Group, Crescent, Weatherford, Schlumberger, DNO ... etc. Our products are of high quality, efficiency & accuracy, meet with the all international standards & specifications, & are comparable to international chemical products.
- We have a long history in this field. Our products contribute to agriculture as well, such as equipping agricultural fields with chemical fertilizers, which increase production, exterminate insects & worms harmful to field crops, & contribute to obtaining healthy, highly efficient & clean products to be edible. Malbray has a rich experience in (waste water treatment), since our resulted water after treatment could be mixed with river & be used in agricultural purposes.
- For more information & inquiries, please visit our website: www.malbraychemicals.com
  You can contact our office that is located in Erbil / Iraq near the Franco Hariri Stadium on the following mobile phone numbers: 0750475 1783 , 0750 888 6622
  Alternatively, by email address: info@malbravchemicals.com , malscav_chem@ymail.com



NPK

Pelant Star

20-20-20 + TE



Advantages

- Soluble in water.
- Contains the essential micronutrients needed for the plant in the form of chelate.
- Lack of the precipitation in irridation systems.
- Mixable with other agricultural pesticides.
- Activating the least different enzymes that are effective in plant growth.

Chemical Composition

Nitrogen	N	%20	نیتروجین
Phosphorus	P	%20	فوسفور
Potassium	K	%20	پوتاسیوم
Iron	Fe	%1	حدید
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنیز
Magnesium	Mg	%0.5	مغنیسیوم
Boron	B	%0.03	بورون

About the fertilizer

- The powder fertilizer of (20 - 20 - 20 + TE) NPK provides the main elements of nitrogen, phosphorus and potassium required by the plant with a perfectly balanced mixture.
- This product is considered general manure and its application to all plants in all stages of growth is possible.
- This fertilizer perfectly improves product & quality performance & does not precipitate in fertilizer reservoirs due to dissolution of 100%.
- The micronutrient elements in this fertilizer are not precipitate by PH due to chalkiness & are used remarkably.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	2 - 5
Vegetables and cucubit	Vegetative and fruit growth stage	1/5 - 4
Ceveals and oil seeds	Simultaneously with the filling of clusters	1 - 5

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



NPK

Pelant Star

12-3-43 + TE



Advantages

- Soluble in water.
- Contains the essential micronutrients needed for the plant in the form of chelate.
- Lack of the precipitation in irridation systems.
- Mixable with other agricultural pesticides.
- Activating the least different enzymes that are effective in plant growth.

Chemical Composition

Nitrogen	N	%12	نیتروجین
Phosphorus	P	%3	فوسفور
Potassium	K	%43	پوتاسیوم
Iron	Fe	%1	حدید
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنیز
Magnesium	Mg	%0.5	مغنیسیوم
Boron	B	%0.03	بورون

About the fertilizer

- Top fertilizer (12 - 3 - 43) is used to increase the color and flavor enhancement.
- It has a variety of micro-elements such as iron, zinc , magnesium, various amino acids, and copper.
- It eliminates potassium deficiency and improves product quality.
- It has a high potassium content of 43% in complete fertilizer composition and a balanced content of micronutrient in the form of chalk has a significant on the plant's vegetative period.
- Completely soluble in water and low salinity.
- Suitable to use in gardening and in crop plnts.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	2 - 4
Vegetables and cucubit	Vegetative and fruit growth stage	1/5 - 3/5
Ceveals and oil seeds	Simultaneously with the filling of clusters	1 - 3

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



NPK

Pelant Star

12-12-36 + TE



Advantages

- Soluble in water.
- Increased product performance.
- Plant resistance to pests and diseases.
- Increases the fruits storage.
- Increases the plant resistance to drought, frost & salinity.
- Peak time of vegetative growth and fruit formation time.

Chemical Composition

Nitrogen	N	%12	نيتروجين
Phosphorus	P	%12	فوسفور
Potassium	K	%36	بوتاسيوم
Iron	Fe	%1	حديد
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنيز
Magnesium	Mg	%0.5	مغنيسيوم
Boron	B	%0.03	بورون

About the fertilizer

- Fertilizer (12 - 12 - 36) with 36% potassium 12% phosphorus and 12% nitrogen plus other micronutrients is a complete fertilizer.
- This fertilize with high potash is special for the growth and quality of crops and gardening plants.
- This product is used in foliar application or irrigation during germinative growth.
- Aslo, the (12 - 12 - 36) NPK fertilizer makes the product more color-intensive, due to lack of compounds.
- There is no possibility of toxicity & chlorine burning and is suitable for saline soils.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	2 - 5
Vegetables and cucubit	Vegetative and fruit growth stage	2 - 4
Ceveals and oil seeds	Simultaneously with the filling of clusters	3 - 4

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



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NPK

Pelant Star

15-5-30 + TE



Advantages

- Soluble in water.
- Contains the essential micronutrients needed for the plant in the form of chelate.
- Lack of the precipitation in irridation systems.
- Mixable with other agricultural pesticides.
- Activating the least different enzymes that are effective in plant growth.

Chemical Composition

Nitrogen	N	%15	نيتروجين
Phosphorus	P	%5	فوسفور
Potassium	K	%30	بوتاسيوم
Iron	Fe	%1	حديد
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنيز
Magnesium	Mg	%0.5	مغنيسيوم
Boron	B	%0.03	بورون

About the fertilizer

- In addition to proportional nitrogen amount, complete fertilizer has ahigh potassium of 30%, Specialy on flowering stages and before harvesting product and the advancemement of fruit, increases metabolism and opening movements, and has a significant effect on increasing fecundity, Coarsening & coloring farm products, gardening and greenhouses, and finally increasing quality and quantity of product.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	3 - 5
Vegetables and cucubit	Vegetative and fruit growth stage	2/5 - 4/5
Ceveals and oil seeds	Simultaneously with the filling of clusters	2 - 4

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



NPK

Pelant Star

10-50-10 + TE



Advantages

- Soluble in water.
- Increased product performance.
- Plant resistance to pests and diseases.
- Increases the fruits storage.
- Increases the plant resistance to drought, frost & salinity.
- Peak time of vegetative growth and fruit formation time.

Chemical Composition

Nitrogen	N	%10	نيتروجين
Phosphorus	P	%50	فوسفور
Potassium	K	%10	بوتاسيوم
Iron	Fe	%1	حديد
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنيز
Magnesium	Mg	%0.5	مغنيسيوم
Boron	B	%0.03	بورون

About the fertilizer

- Plant Star fertilizer contains macros such as nitrogen, potassium and 50% phosphorus has a variety of micro-elements such as iron, zinc manganese, & copper which is recommended for soils that have lack of phosphorus due to soil degradation.
- So, phosphorus is required for rooting increasing quality and the yield of the plant
- The best time to use this fertilizer is during growth of the plant's root development, as well as before flowering and fruit formation.
- Usually phosphorus is used for strength & root length, and seed formation plays a significant role and mostly found in seeds and fruits.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	2 - 5
Vegetables and cucubit	Vegetative and fruit growth stage	2 - 4
Ceveals and oil seeds	Simultaneously with the filling of clusters	3 - 4

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



NPK

Pelant Star

0-0-52 + TE



Advantages

- Soluble in water.
- Increased product performance.
- Plant resistance to pests and diseases.
- Increases the fruits storage.
- Increases the plant resistance to drought, frost & salinity.
- Peak time of vegetative growth and fruit formation time.

Chemical Composition

Nitrogen	N	%0	نیتروجین
Phosphorus	P	%0	فوسفور
Potassium	K	%52	پوتاسیوم
Iron	Fe	%1	حدید
Copper	Cu	%0.07	نحاس
Zinc	Zn	%0.2	زنك
Manganese	Mn	%0.03	منغنیز
Magnesium	Mg	%0.5	مغنیسیوم
Boron	B	%0.03	بورون

About the fertilizer

- Plant Star fertilizer with high potassium percentage (50%) plays a key role in many plant growth physiological processes.
- Growth of the main stems and branches is stopped and cause space between the nodes.
- In the case of severe deficiency, the branches begin to dry from the end and also reduce the plant resistance against the disease.

Instructions for use

product	time of consumption	kg/hectare
Fruit and citrus trees	Simultaneously with fruit growth and flowering	2 - 4
Vegetables and cucubit	Vegetative and fruit growth stage	1/5 - 3
Ceveals and oil seeds	Simultaneously with the filling of clusters	1 - 3

Method of Consumption

- In irrigation systems, the some fertilizer solved in the irrigation system tank and simultaneously used.
- Foliar application should be done at the coolest time of the day.
- The intake doses provided is in general, and the exact amount of consumption depends on soil texture, the climate conditions of the area and the expert's.



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Micro Gold

Increased yield & production quality

About the fertilizer

Specifications

- Rich in material required for plant & contains Humic & Fulvic acid.
- Growth of greenness of plant & rooting & increasing product.
- Increasing the activity of soil microorganisms.
- Increasing the plant resistance to environmental stress & tension.

Application

- Anti-stresses of the environment, stimulating root growth & blossoming.
- Micro gold foliar application, before, after, as well as during stress occurs, led to the activate plant mechanisms to tolerate difficult conditions & accelerate plant regeneration.
- Foliar application of this product facilitates pollination, inoculation & formation of healthy pollen, & has a direct effect on sugar content, color, size & vitamins of fruits.

Best time of the consumption

- Fruit trees: the time of swelling of the buds up to the stage of hazelnut manner of the fruits (every 10 days as 3-5 kg per ha - foliar application).
- Ceveals (wheat, barley, rice): the stage of stemming until the filling stage of seeds (every 10 days as 3-5 kg per ha - foliar application).
- Cucurbits: Starting budding every 7-10 days (foliar application) in all crops, the consumption of this fertilizer as a powder of 5 kg per hectare.





HUMIC Acid

Increasing the growth of rooting

About the fertilizer

- This fertilizer with a proportional percentage of humic acid, Fulvic acid, organic material of potassium is one of the most soluble organic fertilizers in water, which is used in form of irrigation & foliar application during the entire growing season of garden and crop plants.

Instructions for use

Case	Solid/Hectare	Liquid/Hectare
Irrigation	3 - 5 Kg	10 - 30 Liters
Foliar Application	1.5 - 4 Kg	5 - 10 Liters
Hole - Fertilizer	5 - 10 Kg	



GIB STAR

Produced from seaweed

About the fertilizer

- The growth stimulus Plant Star significantly affects the bloom of flower buds, increasing the level of respiration of blossoms, increasing the leaf area & size of buds & decreasing dry weight of pistachios, but does not causes the flower buds to fall.
- The effect of this fertilizer will depend on increasing the bloom of the female pistachios to the time of use & the cold units that the tree has received until that time.
- Generally, growth stimulants are used at a concentration of 2,000 in form of foliar application, when 50% of flowers are in the blossom stage, & a better result is achieved if foliar application at a concentration of 2-3 k/h is repeated after 1-2 weeks.
- By applying this foliar, the cluster is opened & the mixing of berries is prevented.
- In view of this, because that with the increase in cluster volume & the opening, the superficial white sickness & the damage of the grape cluster worm is reduced.
- The most important use of this hormone is to increase the amount of grapes.

Other uses

- In order to reduce the effect of the yellow virus in cherry fruit, it is used 10 to 15 days after the fall of the petals.
- In order to increase the production of flowers in greenhouse cucumber, growth stimulant is used.
- In order to enhance nucleation of apple, pear, hazelnut and cherry seeds, growth stimulant is used before nucleation.





FE 6% ORTHO

Suitable for all plants & citruses

About the fertilizer

- Iron fertilizer of Plant Star contains 6% of iron as chelate & is recommended to remove iron deficiency in plants.
- In the most unfavorable agricultural soils, it is absorbed by plant roots, & in all productive & non-productive plants, especially citrus, apple & pear trees, it will reduce its deficiency.
- Usable for soil consumption & hydroponic cultivation, & due to the presence of specific activators, it can accelerate absorption & optimum plant growth.
- This fertilizer can be placed at the time of planting the tree in the root environment, or added with irrigation or plowed to the soil.
- **NOTE:** Iron powder fertilizer should not be fertilized as a solution on the foliage of the plants or mixed with toxins containing heavy metals such as copper products.

Instructions for use

Citrus		Stone & Pome fruit	
Vegetables	1-3 Kg/h	Young seeding	10-15 g/each
Cucubits	2-3 Kg/h	Trees of fruiting	8-40 g/each
Strawberries	1.5-3 Kg/h	Trees during fruiting	4-30 g/each



Calcium Star

Increase fruit strength
& strength of fruit storage

About the fertilizer

Specifications

- Calcium nitrate fertilizer contains 17% calcium, 26% calcium oxide & 12% nitrogen, which is used in various kinds of cultivation (soil, hydroponics) & in various irrigation methods (water drowning, drop, rain).
- Nitrogen & calcium are micro nutrients for plants, & fertilizers containing these two elements are suitable for the period of product ripening.
- The presence of nitrogen In calcium nitrate fertilizer can regulate the enzymatic activity of the plant & ultimately improve the quality of the product.

Consumption ratio

- Drop irrigation: 1-3 kg in 400 to 1000 liters of water per hectare & according to the deficiency rate 2-3 times is repeated.
- Foliar application: 1-3 kg per 1,000 liters of water.

Consumption time

- Calcium nitrate fertilizer is suitable for all plants when looking at symptoms of calcium deficiency.
- We recommend the use of this fertilizer in fruit plants at the time of fruit ripening.

Note:

- Do not mix this fertilizer with sulfate & phosphate fertilizers.





Zinc Star

Increase fertility
& tension retention

About the fertilizer

- Contains 33% zinc & due to its unique structure, it can be easily absorbed through the soil & leaves of the plant.
- The importance of zinc star compared to the other zinc-containing fertilizers depends on its formulation, which led to rises the considerable properties in the nitrate dimensions of this structure.
- Stimulate germination, flowering & fructify.
- Optimal product development, achievement as well as proper & good color.
- Activation of essential enzymes, production of growth hormones, including Auxin hormone.
- Effective on increasing chlorophyll production, respiration, growth regulation & puberty acceleration & on the formation of carbohydrates, increasing protein, stimulates the formation of seeds & improving the ratio of phytic to zinc.

Instructions for use

- Foliar application: in ratio of 1.5/1000.
- Thousands of soil consumption: in the amount of 4-6 Kg/h.
- Gardening:
  stage 1: When the buds swell.
  stage 2: When the fruit starts to shrink
  stage 3: After harvest
- Agriculture: after emergence the greenness of the plant before flowering.



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Star Magnesium

Growth control & cell division

About the fertilizer

Specifications

- Magnesium star is involved in many enzymatic reactions.
- This element can be exchanged in bivalent form but insoluble in soil.
- It can be said that the most important role of magnesium in the plant is in the stage of photosynthesis & production of oxygen, which prevents the activity of free radicals & prevents the destruction of fatty acids contained in the membrane.
- Magnesium star Is also effective in the synthesis of sugars.
- It protects the plant against all diseases, fungi & pests.

Instructions for use

Product	Mixing ratio/Kg	Feuill/1000 L water
Farm products	3-5 Kg per hectare	1.5 Kg
Garden products	4-8 Kg per hectare	1.5 Kg
Cucubits & greenhouses	2-5 Kg per hectare	1.5 Kg





Urea

Phosphate

About the fertilizer

- Urea phosphate contains 18% fertilizer in the form of urea & 44% fertilizer in the form of phosphorus.
- Urea phosphate is completely acidic & has a much higher solubility than other elements, especially micronutrients.
- The urea phosphate pH is acidic, It Is therefore ideal for consumption in calcareous & alkaline soils.



Organic
Fertilizer





About the fertilizer

- Organic enriched pellet fertilizer contains organic material, micro & macro elements that consist of nitrogen, phosphorus, potassium, iron, magnesium, zinc, calcium, copper, & so on.
- This fertilizer is free of any contamination & pathogens, seeds of weeds & larvae & eggs of It is completely sanitized & without an unpleasant smell.
- The above fertilizers have been chelated & enriched during EDTA of successive processes with important micronutrients such as iron, zinc, manganese, & copper as calcite & Uric acid (for the first time in the world), & entered into a drying system to dry the exception of the pellet process.
- Disinfected organic fertilizer contains 70%-100% organic material, completely dry, is in form of pellet & can be consumed by a variety of plants.
- This fertilizer is used for garden, farm, greenhouse, vegetable & cucurbits, grass & greenery space, flowers & ornamental plants.

Specifications of appropriate trees

- Preferably ages 3-15 years & from broad-leaved species, especially Acacia & Sycamore.
- All the trees which have limiter in the substrate.
- All trees planted in improper drainage substrate, especially Acacia.
- Soil substrates with inappropriate texture (heavy or very sandy & poor).
- At every point which the trees observed with Chlorosis.

Instructions for use

- In order to strengthen the trees, hole fertilizer operations are carried out in Oct & Dec as follows.
- Also at the time of identifying target trees & performing operations, the coordination with the experts of the forestry unit is confirmed.
- Selecting the right place for making holes with distance of 1-1.5 m from the main trunk of tree in the shaded area.
- Dimensions of the holes with a depth of at least 50, 60, 70 cm (It should be noted that according to the condition of the substrate of trees, the drilling of holes is to be carried out with a more depth & width).
- Number of holes is 2 to 4 around the tree trunk.
- The holes are to be planted in the irrigation path.
- The soil in the holes is completely thrown out.
- In order to prevent the weathering of the roots, the filling of the holes is immediately carried out with an appropriate composition of nutrient elements.
- The 8 cm of surface of the hole is filled with the soil of the area until should not be washed in irrigation of the composite soil.
- Due to light texture, the composite soil should be poured layer by layer & then compressed.
- Immediately after filling the holes, the irrigation is carried out.
- After the settlement, the soil of holes are tuned & irrigation is carried out again.



Liquid
Chicken fertilizer





Sulfur
Granules

Chemical Composition

Nitrogen	N	%6	نیتروجین
Phosphorus	P	%3	فوسفور
Potassium	K	%6	پوتاسیوم
Sulfur	S	%3	گیریت
Humic	-OH	%8-10	حمض الهیومیك
Iron	Fe	1500 ppm	حدید
Manganese	Mn	800 ppm	منغنیز
Zinc	Zn	1000 ppm	زنك

About the fertilizer

- The liquid poultry manure of Plant Star from chicken poultry waste using a fermentation system under certain environmental conditions has been converted into organic liquid fertilizer with preserving nutrients, which is used for a wide range of agricultural products.
- This fertilizer can be used for all vegetables, row crops, fruit trees, grapes, olives, ornamental flowers & for drip irrigation or sprinkling.
- Increasing the absorption of high-consumption elements, including phosphorus & nitrogen.
- Accelerating nucleation & Increasing the plant resistance to environmental stress.
- Increasing the absorption of chemical fertilizers in simultaneously consumption.

About the fertilizer

- Sulfur fertilizers play a key role in the key physiological functions of the plant, including energy transfer in the plant & its vegetative growth & fruiting growth.
- Sulfur plays an important role in the activity of enzymes & in reducing the need for water & increasing the plant's resistance against environmental stresses such as hyperthermia, chilling injury, water defict, salinity, pests & diseases.
- Sulfur in form of phosphate is also from other compounds of this fertilizer that plays an important role in increasing flowering, fructify & growth & performance in plant area.
- The best microbial action for soil & all kinds of animal & poultry fertilizers /manures.
- The best fungicides for soil & all kinds of animal & poultry fertilizers.
- The best disinfectant for soil & all kinds of animal & poultry fertilizers.
- The best element for removing lime existing in the soil & all kinds of animal & poultry fertilizers.



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Minor
Elements Fertilizer





Chemical Composition

Iron	Fe	%2.5	حديد
Copper	Cu	%1.5	نحاس
Manganese	Mn	%2.5	منغنيز
Zinc	Zn	%3.5	زنك
Potassium	K	%10	بوتاسيوم
EDTA			حديد

About the fertilizer

- This product is a mixture of trace elements by EDTA & contains high levels of potassium elements.
- It is specially manufactured to prevent & treat symptoms of a deficiency of nutritional micro-elements in the soil.
- The compound provides a complete set of micro-elements in poor soils & poor plant growth.
- The compound is rich in trace elements & contains a high percentage of iron, copper, zinc and manganese which ensures fast & high efficacy.
- The composition of the fertilizer is compatible with all crops, especially wheat, barley, cotton, fruits, vegetables & others.
- The potassium element is because it is not related to the EDTA complex.

Instructions for use

- The product is used in irrigation water or foliar spray, as follows:
- With irrigation water, & it is by pivot irrigation, & irrigation water is added to me in the following quantities & ratios & according to the type of obtaining.

- Field crops & add 15-20 liters/dunum.
- Fruitful trees & add 25-35 liters/dunum.
- Vegetables, ornamental plants, & add 10-15 liters/dunum.
- Foliar spray: it is added to the soil according to the type of crop.
- Field crops: 5-7 liters/dunum is used.
- Fruit trees: used 750-1000 cm 100 liters of water.
- Vegetables: use 750-1000 cm 100 liters of water.
- Ornamental plants: use 750-1000 cm for 100 liters of water.

Minor
Elements Fertilizer





Chemical Composition

Iron	Fe	(5-7) %	حديد
Copper	Cu	(2-4) %	نحاس
Manganese	Mn	(5-7) %	منغنيز
Zinc	Zn	(8-10) %	زنك
Magnesium	Mg	(1-3) %	مغنيسيوم

About the fertilizer

- This product is a mixture of small elements & it is specially manufactured for the prevention & treatment of the symptoms of deficiency of small nutrients in the soil & treatment of lying in the plant.
- The compound provides a full range of micro-elements needed in poor soils in which the plant growth is not so good.
- The compound is rich in trace elements & contains a high percentage of many copper, zinc & specially manganese, which ensures high & fast efficacy.
- The fertilizer formula is compatible with all crops, especially wheat, barley, cotton, fruits, vegetables & others.

Instructions for use

- The product is used in irrigation water or foliar spray, as follows:
- With irrigation water, & it is by pivot irrigation, & irrigation water is added to me in the following quantities & ratios & according to the type of obtaining.

- Field crops & add 15-20 liters/dunum.
- Fruitful trees & add 20-25 liters/dunum.
- Vegetables, ornamental plants, & add 10-15 liters/dunum.
- Foliar spray: it is added to the soil according to the type of crop.
- Field crops: 5-7 liters/dunum is used.
- Fruit trees: used 750-1000 cm 100 liters of water.
- Vegetables: use 750-1000 cm 100 liters of water.
- Ornamental plants: use 750-1000 cm for 100 liters of water.

Minor
Elements Fertilizer





Chemical Composition

Iron	Fe	2.5 g/l	حديد
Copper	Cu	1.5 g/l	نحاس
Manganese	Mn	2.5 g/l	منغنيز
Zinc	Zn	3.5 g/l	زنك
Potassium	K	2.5 g/l	بوتاسيوم
Phosphorus	P	5 g/l	فوسفور
Magnesium	Mg	1.5 g/l	مغنيسيوم

About the fertilizer

- This product is a mixture of small elements & contains a high percentage of potassium elements, & it is specially manufactured for the prevention & treatment of the symptoms of deficiency of small nutrients in the soil & treatment of lying in the plant.
- The compound is rich in trace elements & contains a high percentage of many copper, zinc & manganese, which ensures high & fast efficacy.
- The fertilizer formula is compatible with all crops, especially wheat, barley, cotton, fruits, vegetables & others.

Instructions for use

- The product is used in irrigation water or foliar spray, as follows:
- With irrigation water, & it is by pivot irrigation, & irrigation water is added to me in the following quantities & ratios & according to the type of obtaining.

- Field crops & add 15-20 liters/dunum.
- Fruitful trees & add 20-25 liters/dunum.
- Vegetables, ornamental plants, & add 10-15 liters/dunum.
- Foliar spray: it is added to the soil according to the type of crop.
- Field crops: 5-7 liters/dunum is used.
- Fruit trees: used 750-1000 cm 100 liters of water.
- Vegetables: use 750-1000 cm 100 liters of water.
- Ornamental plants: use 750-1000 cm for 100 liters of water.



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Ornamental Plants Fertilizers

COMING SOON

NPK	NPK	Supper NPK	NPK	NPK
Pelant Star	Pelant Star	Pelant Star	Pelant Star	Pelant Star
20-15-15	15-15-15	20-20-20	17-9-20	10-10-10

Coming soon

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NPK 12-12-36 + TE	8
NPK 15-5-30 + TE	12
NPK 10-50-10 + TE	14
NPK 0-0-52 + TE	16
Micro Gold	20
Humic Acid	21
Gib Star	22
FE6% Ortho	23
Calcium Star	24
Zinc Star	25
Magnesium Star	28
Urea Phosphate	29
Organic Fertilizer	30
Liquid Chicken Fertilizer	32
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