



## « Al-Safwa for agriculture fertilizers »

Al-safwa believes that the success of the Egyptian agriculture system is directly associated with the efforts and dedication of all business partners as farmers, producers and companies working to serve the Egyptian farmers. Therefore, it was incumbent upon us in Al-Safwa to make efforts to build bridges of cooperation with the Egyptian farmer to reach the desired goals. Al-Safwa always strives to build an exceptional agriculture heritage by introducing a wide range of high quality fertilizer products that provide effective, fast and integrated solutions.

**Chairman of board of directors**

**Mr.Hamada Sekot**



## GOLDEN PLANT

### Chemical composition

|     |     |      |      |
|-----|-----|------|------|
| N   | %19 | P2O5 | %19  |
| K2O | %19 | Mgo  | %0.5 |

### Characteristics and advantages:

A Balanced fertilizer that contains the major basic elements (Nitrogen-Phosphorous- potassium) in addition to magnesium element, which achieves a balanced vegetative and root growth durable for environmental and biological stresses. The addition of magnesium is highly important in improving the utilization of the major elements. It also enters directly into the formation of chlorophyll molecules which improves the efficiency of the photosynthesis process that reflects on a perfect vegetative growth. The fertilizer is prepared from a source of high purity and solubility, Therefore it is suitable for ground fertilizing in all irrigation systems and suitable for foliar nutrition too. It is the ideal fertilizer for fertilizing in the vegetative growth phase for all grove and field crops.

### % Golden Plant



## Leaf Pro

### Chemical composition

|     |     |      |      |
|-----|-----|------|------|
| N   | %19 | P2O5 | %19  |
| K2O | %19 | S    | %4.8 |

### Characteristics and advantages:

The fertilizer is important in building a balanced strong structure of plants especially in the phase of vegetative growth In all growth stages of leafy vegetables and forage crops. A Balanced fertilizer that contains the major basic elements (Nitrogen- Phosphorous- potassium) in addition to sulfur element, which achieves a balanced vegetative and root growth durable for environmental and biological stresses. IT contains sulfur which is responsible for the taste and the flavor in onion, garlic, cabbage, and cauliflower. Also it is improving the plant resistance to diseases and insects. The fertilizer was prepared from a source of high purity and suitable for ground fertilizing in all irrigation systems and leafy nutrition. It is the perfect fertilizer for fertilizing in the vegetative growth phase for all grove and field crops.

### Leaf Pro





## High Twenty

### Chemical composition

|     |     |      |     |
|-----|-----|------|-----|
| N   | %20 | P2O5 | %20 |
| K2O | %20 |      |     |

### Characteristics and advantages:

The fertilizer is important in building a balanced strong structure of plants especially in the phase of vegetative growth In all growth stages of leafy vegetables and forage crops.

A Balanced fertilizer that contains the major basic elements (Nitrogen- Phosphorous- potassium) which achieve a balanced vegetative and roots growth durable for environmental and biological stresses. The fertilizer was prepared from a source of high purity and has high solubility. Therefore, it is suitable for ground fertilization in all irrigation systems and foliar nutrition. It is the ideal fertilizer for fertilizing in the vegetative stage for all grove and field crops

**20 High Twenty**



## NITRO SAFWA

### Chemical composition

|     |     |      |     |
|-----|-----|------|-----|
| N   | %19 | P2O5 | %10 |
| K2O | %10 |      |     |

### Characteristics and advantages:

A unique compound that dissolves quickly in water and is suitable for all irrigation systems.

It contains the three major elements in proportions of 10/10/19 in addition to the minor elements needed for plant growth all plants. Nitro Safwa is a fertilizer that contains nutrients in a soluble form that is easy to absorb and in balanced proportions, which leads to balanced vegetative growth without the appearance of symptoms of lack of elements with resistance to environmental and biological stresses. It is suitable in the rapid vegetative growth stages to build a strong plant structure.

**N Nitro Safwa**





## GOLDEN MARK

### Chemical composition

|     |     |      |     |
|-----|-----|------|-----|
| N   | %10 | P205 | %50 |
| K20 | %10 |      |     |

### Characteristics and advantages:

The fertilizer is important in building a strong total roots for all crops and it is important for fruits and seeds crops in the stage of flowering and fruiting.

A quick-dissolving fertilizer that contains a high percentage of phosphorous in addition to a moderate percentage of nitrogen and potassium. The fertilizer is suitable for the early stages of growth to build a strong root system in addition to benefiting from the high concentration of phosphorous from the flowering and fruiting stages. It is preferable to include it in the fertilization program with irrigation water in addition to the program Foliar spraying at this stage.

جولدن مارك



## BONO MIX

### Chemical composition

|     |     |      |    |
|-----|-----|------|----|
| N   | %5  | P205 | %5 |
| K20 | %43 |      |    |

### Characteristics and advantages:

The fertilizer is important in the stage of flowering , florescence, and fruits growth in the fruits crops and in the stage of formation and growth of tubers ( potatoes- potato- beet-carrot- taro) & the bulbs (onions- garlic).

The quick-dissolving fertilizer contains stimulating doses of nitrogen and phosphorous with an increase in potassium to reduce the plant's tendency to vegetative growth at the expense of fruitful or tuberous growth, which causes the crop to be delayed and significantly reduced. In addition to benefiting from the high concentration of potassium at the stage of fruiting and gathering and the stage of tuber formation and delivery, it is preferable to include it in the fertilization program with irrigation water in addition to the foliar spray program at this stage, especially in cases of environmental and biological stresses.

BONO MIX





## SAFO POTAS 45

### Chemical composition

K2O %45 Potassium Citrate

### Characteristics and advantages:

The fertilizer is important in all growth stages for all plants. Its need increases in the stage of formation and growth of tubers (potatoes- potato- beet-carrot- taro) & the bulbs (onions- garlic). Potassium in the form of citrates is the best form for plant absorption, and the splitting of citrates has an additional role in improving plant growth and its tolerance to various stresses such as high and low temperatures as well as biological stress resulting from disease and insect infections and also contributes to correcting the alkalinity of irrigation water. Fertilizer is ideal for fertilizing all crops in all stages of growth, and the need for it increases during the fruiting stages to prevent falling, increase the percentage of florescence and sizing, improve coloring and sugar percentage, and increase the hardness of the fruits and their tolerance for shipping and storage. It contributes significantly to increasing the size of root and tuber crops, and the need for it increases at the beginning of the formation and growth of tubers, increases its hardness, and improves its storage capacity, which is what also happens with onions and garlic.

صفو بوتاس 45



## ALSAFWA SAIF

### Chemical composition

N %19 P2O5 %19 K2O %19

### Characteristics and advantages:

A balanced composition of the basic fertilizer elements (nitrogen, phosphorous, and potassium). Fertilizer is important for the formation of strong balanced growth of both the vegetative and root system and does not cause agitation in vegetative growth or delay in flowering and florescence, and it is suitable for all stages of growth in all plants with the addition of supplementary fertilizers according to the growth stage. This fertilizer formulation achieves better absorption of nutrients, increases the efficiency of photosynthesis, increases plant energy levels, and improves the transfer of metabolic products and water in the plant. It is preferable to add the ground in all stages of growth, starting with low rates and gradually increasing with the growth of the plant. It is preferable to spray once every two weeks under conditions of stress and disease and conditions of saline and lime soil.

ALSAFWA  
**SAIF**





## ALSAFWA SAIF

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %20 | P205 | %20 | K20 | %20 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

A balanced fertilizer with high solubility of nitrogen, phosphorous, and potassium, the plant gains strong growth and achieves a balance between the vegetative and root system, which makes the plant more tolerant to environmental and biological stress conditions, improves the nutritional status of the plant, increases the efficiency of photosynthesis, and improves the movement of water and metabolic products within the plant, which is reflected on growth Moderate vegetative with ease of transition to the productive stage without causing agitation of vegetative growth at the expense of fruits and roots.

The fertilizer is suitable for all plants in all stages of growth with the addition of the appropriate fertilizer supplement according to the stage of growth and it starts at a low rate and gradually increases with the increase in the age of the plant, and spraying is done when symptoms of deficiency appear or when there are diseases and in soil conditions that are not suitable for absorption or under conditions of stress, in addition to ground fertilization.

ALSAFWA  
**SAIF**



## ALSAFWA SAIF

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %19 | P205 | %15 | K20 | %15 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

High nitrogen fertilizer from sources of high purity and solubility and contains appropriate amounts of phosphorous and potassium, where it is important in the vegetative growth stage to build a strong structure capable of bearing fruits, important to drive new vegetative growth with increased vaccination and improves the efficiency of photosynthesis and the formation of chlorophyll in Plant. The fertilizer is suitable for all stages of growth for all field, vegetables, fruits, and ornamentals plants. The fertilizer is suitable for all irrigation systems and fit for ground application and sprinkler. It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands. The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.

ALSAFWA  
**SAIF**





## ALSAFWA SAIF

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %12 | P205 | %50 | K20 | %12 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

A fertilizer contains a high percentage of phosphorous in addition to appropriate amounts of nitrogen and potassium from sources of high purity and solubility that makes the fertilizer suitable for activating of roots and increasing their spread, which improves the efficiency of absorption of nutrients from the soil. The fertilizer increases the enzymatic activity and increases the energy needed to improve growth Pushing towards flowering and fruit formation while limiting excessive vegetative growth, which causes delays in flowering, so the fertilizer is important to reduce flower drop and modern florescence with obtaining an early crop and the need of it increases in periods of stress. The fertilizer is suitable in the stage of root formation after seedling or planting and in the flowering and florescence stage for all field, vegetables, fruits, and ornamentals plants.

The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.

It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands.

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**SAIF**



## ALSAFWA SAIF

### Chemical composition

|   |    |      |    |     |     |
|---|----|------|----|-----|-----|
| N | %6 | P205 | %6 | K20 | %43 |
|---|----|------|----|-----|-----|

### Characteristics and advantages:

A fertilizer that is high in potassium with appropriate amounts of nitrogen and phosphorous from sources of high purity and solubility. The Fertilizer is important for all plants in all stages of growth, but the need for it increases in the productive stages (the formation and growth of fruits, seeds, tubers, and bulbs), as it plays an important role in increasing the size thus increase in productivity. It also increases the dry matter, hardness and sugar percentage with improved coloring and increases the storage capacity.

It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands. The Fertilizer is suitable in the growth stages of all field plants, vegetables, fruits, and ornamentals. the need for it increases in the production stages to increase the yield and quality. The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.

ALSAFWA  
**SAIF**





## ALSAFWA SAIF

### Chemical composition

**K2O** %45 Potassium Citrate

### Characteristics and advantages:

The fertilizer is manufactured from high purity and soluble sources of potassium citrate. The fertilizer is one of the best and most efficient sources of potassium in terms of absorption and rapid response to the plant. It is considered as the most appropriate under environmental and biological stress conditions and when a quick shift towards the formation of fruits or the productive phase of the plant is desired. It is considered important for scaling fruits, seeds, tubers, and bulbs. It has a role in increasing the proportion of sugars, as well as gaining high hardness and increasing its storage capacity.

Ground addition is preferred in all stages of growth, starting with low rates and gradually increasing with the growth of the plant. Periodic spraying is preferred in the stage of growth of fruits, tubers, or bulbs and under conditions of stress and exposure to pathological infections, in addition to ground addition.

**ALSAFWA**  
**SAIF**



## ALSAFWA SAIF

### Chemical composition

**N** %11 **P2O5** %0 **K2O** %45

### Characteristics and advantages:

The fertilizer is one of the most soluble forms of potassium and the easiest to absorb by the plant, and the fertilizer is suitable in the stages of the florescence and fruit growth, increases the rate of transfer of dry matter and metabolites to the productive parts and plays an important role in the elongation of fruit cells, which is reflected in increase in size and productivity and improves the quality of Fruits, coloring and sugar content. Fertilizer is suitable in the stage of formation of fruits and productive parts of all field, vegetables, fruits, and ornamentals plants.

The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.

It is preferable to add the ground under normal conditions, and it is preferable to spray with the ground addition in case of disease problems and stress conditions. It is preferable to spray with the ground addition after the florescence and the formation of tubers and the productive parts of the plant and stop spraying before maturity. The fertilizer is suitable for all irrigation systems and suitable for ground addition and spraying.

**ALSAFWA**  
**SAIF**





# AL-SAFWA CHEMICALS



## ALSAFWA FERT

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %19 | P205 | %19 | K20 | %19 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

Fertilizer of high solubility and purity contains a balanced proportion of the major essential elements (nitrogen, phosphorous, and potassium). The fertilizer is suitable for feeding the plant in all stages of growth and the plant gains balanced growth among the root, vegetative and fruitful totals. The periodic use of fertilizer prevents the symptoms of nitrogen, phosphorous, and potassium deficiency from appearing and makes the plant easily switch to the production phase, and does not cause vegetative growth agitation at the expense of the formation of fruits, roots, and productive parts. The fertilizer is suitable for all stages of growth for all field, vegetables, fruits, and ornamentals plants. The fertilizer is suitable for all irrigation systems and suitable for ground application and sprinkler.

It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands.





## ALSAFWA FERT

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %20 | P205 | %20 | K2O | %20 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

A balanced fertilizer with high solubility of nitrogen, phosphorous, and potassium. that gives the plant strong growth and achieves a balance between the vegetative and root system, making the plant more tolerant to environmental and biological stress conditions. It improves the nutritional status of the plant, increases the efficiency of photosynthesis, and improves the movement of water and metabolites within the plant, which is reflected in moderate vegetative growth with ease of transition to the production stage without causing agitation of vegetative growth at the expense of fruits and roots.

The Fertilizer is suitable for all plants in all stages of growth with the addition of the appropriate fertilizer supplement according to the stage of growth. It starts at a low rate and gradually increases with the increase in the age of the plant. It is sprayed when symptoms of deficiency appear or when there are diseases and in soil conditions that are not suitable for absorption or under conditions of stress, in addition to ground fertilization.



## ALSAFWA FERT

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %19 | P205 | %15 | K2O | %15 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

High nitrogen fertilizer from sources of high purity and solubility and contains appropriate amounts of phosphorous and potassium. The fertilizer is important in the vegetative growth stage to build a strong structure capable of bearing fruits. The fertilizer is important to drive new vegetative growth with increased branching and improves the efficiency of photosynthesis and the formation of chlorophyll in Plant. The fertilizer is suitable for all stages of growth for all field plants, vegetables, fruits, and ornamentals. The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.

It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands.

The fertilizer is suitable in the vegetative growth stage for all field, vegetables, fruits, and ornamentals plants. The fertilizer is suitable for all irrigation systems and is suitable for ground application and sprinkler.





## ALSAFWA FERT

### Chemical composition

N %6 P2O5 %6 K2O %43

### Characteristics and advantages:

A fertilizer is high in potassium with appropriate amounts of nitrogen and phosphorous from sources of high purity and solubility. Fertilizer is important for all plants in all stages of growth, but the need for it increases in the production stages (the formation and growth of fruits, seeds, tubers, and bulbs), as it plays an important role in increasing the size and the consequent increase in productivity as it increases the dry material, hardness, and sugar percentage with improving the coloring and increase the storage capacity. It is preferable to spray with ground addition in case of disease problems and soil conditions that are not suitable for growth, especially in saline and lime lands. The fertilizer is suitable in the growth stages of all field, vegetables, fruits, and ornamentals plants, and the need for it increases in the production stages to increase crop and quality. The fertilizer is suitable for all irrigation systems and suitable for ground application and sprinkler.



## ALSAFWA FERT

### Chemical composition

K2O %45 Potassium Citrate

### Characteristics and advantages:

The fertilizer is a giant sizing as it contains potassium in the form of citrate, which is one of the highest forms of potassium and the most effective in the plant. Inside the plant, it also works to increase the dry matter in the plant with an increase in the rate of knots and reduce the fall of flowers, and to improve the growth of the productive parts of the plant (seeds, fruits, roots, tubers, and bulbs) while improving their quality and storage capacity. The fertilizer is suitable for all growth stages of all field, vegetables, fruits, and ornamentals plants. The fertilizer is suitable for all irrigation systems and suitable for ground application and sprinkler.

It is preferable to add the ground in all stages of growth, and it is preferable to spray with the ground addition in case of disease problems and stress conditions. It is preferable to spray with the ground addition after the florescence or the formation of tubers and productive parts of the plant.





## ALSAFWA FERT

### Chemical composition

|   |     |      |    |     |     |
|---|-----|------|----|-----|-----|
| N | %11 | P205 | %0 | K20 | %45 |
|---|-----|------|----|-----|-----|

### Characteristics and advantages:

The fertilizer is one of the most soluble forms of potassium and the easiest to absorb by the plant, and the fertilizer is suitable in the stages of the florescence and fruit growth, increases the rate of transfer of dry matter and metabolites to the productive parts and plays an important role in the elongation of fruit cells, which is reflected in increasing in size and productivity and improves the quality of Fruits, coloring and sugar content. The fertilizer is suitable in the stage of fruit formation and the productive parts of all field, vegetables, fruits, and ornamentals plants. The fertilizer is suitable for all irrigation systems and for ground application and sprinkler.

It is preferable to add to the ground under normal conditions, and it is preferable to spray with the ground addition in case of pathological problems and stress conditions. It is preferable to spray with the ground addition after the florescence and the formation of tubers and the productive parts of the plant and stop spraying before maturity. The fertilizer is suitable for all irrigation systems and is suitable for ground addition and spraying.



## ALSAFWA DURY

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %19 | P205 | %19 | K20 | %19 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

A balanced composition of the basic fertilizer elements (nitrogen, phosphorous, and potassium). Fertilizer is important for the formation of strong balanced growth of both the vegetative and root system and does not cause vegetative growth agitation or delayed flowering and knots, and is suitable for all stages of growth in all plants with the addition of supplementary fertilizers according to the growth stage. This fertilizer formulation achieves better absorption of nutrients, increases the efficiency of photosynthesis, increases plant energy levels, and improves the transfer of metabolic products and water in the plant. It is preferable to add the ground in all stages of growth, starting with low rates and gradually increasing with the growth of the plant. It is preferable to spray once every two weeks under conditions of stress and disease and conditions of saline and lime soil.





## ALSAFWA DURY

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %20 | P205 | %20 | K20 | %20 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

A balanced fertilizer with high solubility of nitrogen, phosphorous, and potassium, gives the plant strong growth and achieves a balance between the vegetative and root system, making the plant more tolerant to environmental and biological stress conditions. It improves the nutritional status of the plant, increases the efficiency of photosynthesis, improves the movement of water and metabolites within the plant, which is reflected in moderate vegetative growth with ease of transition to the productive stage without causing agitation of vegetative growth at the expense of fruits and roots.

Fertilizer is suitable for all plants in all stages of growth with the addition of the appropriate fertilizer supplement according to the stage of growth. It starts at a low rate and gradually increases with the increase in the age of the plant. It is sprayed when symptoms of deficiency appear or when there are diseases and in soil conditions that are not suitable for absorption or under conditions of stress, in addition to ground fertilization.

ALSAFWA  
Dury



## ALSAFWA DURY

### Chemical composition

|   |     |      |     |     |     |
|---|-----|------|-----|-----|-----|
| N | %19 | P205 | %15 | K20 | %15 |
|---|-----|------|-----|-----|-----|

### Characteristics and advantages:

The fertilizer is from sources of high purity and solubility contains a high percentage of nitrogen and appropriate amounts of phosphorous and potassium, which makes it suitable for fertilizing in the stage of vegetative growth and is reflected positively on the increase in vegetative growth activity, especially after periods of dormancy or pathological injuries that impede growth or stress conditions as it causes an increase in vegetative growth. The growth of buds and spawning and the activation of the developing tops, achieves strong vegetative growth capable of achieving high production efficiency. Fertilizer is suitable for all plants in the vegetative growth stage, and spraying is carried out under soil conditions that hinder absorption or under conditions of stress and disease, in addition to ground fertilization.

ALSAFWA  
Dury





## ALSAFWA DURY

### Chemical composition

N %12 P2O5 %50 K2O %12

### Characteristics and advantages:

Fertilizer from sources of high purity and solubility contains a high percentage of phosphorous with an appropriate percentage of nitrogen and potassium, which makes it suitable for the stages of rooting and flowering, and fruit growth. It increases the activity of the developing tops and increases the total energy in the plant and stimulates the enzymatic activity and the rapid transformation towards the formation of flowers and fruits, and overcoming the increase in vegetative growth at the expense of fruit growth, which works to early production, and also prevents the appearance of symptoms of phosphorous deficiency and reduces the effect of cold stress.

Fertilizer is suitable for all plants, especially in the stage of rooting, flowering, and florescence, and spraying is carried out under soil conditions that hinder absorption or under conditions of stress and disease, in addition to ground fertilization.

ALSAFWA Dury



## ALSAFWA DURY

### Chemical composition

K2O %45 Potassium Citrate

### Characteristics and advantages:

The fertilizer is made from highly purified and soluble sources of potassium citrate. The fertilizer is one of the best and most efficient sources of potassium in terms of absorption and rapid response to the plant. It is considered the most appropriate under environmental and biological stress conditions and when a rapid shift towards the formation of fruits or the productive phase of the plant is desired. It is considered important for scaling fruits, seeds, tubers, and bulbs, and it has a role in increasing the proportion of sugars, as well as gaining high hardness and increasing its storage capacity.

Ground addition is preferred in all stages of growth, starting with low rates and gradually increasing with the growth of the plant. Periodic spraying is preferred in the stage of growth of fruits, tubers, or bulbs and under conditions of stress and exposure to pathological infections, in addition to ground addition.

ALSAFWA Dury





## ALSAFWA DURY

### Chemical composition

|   |     |      |    |     |     |
|---|-----|------|----|-----|-----|
| N | %11 | P205 | %0 | K20 | %45 |
|---|-----|------|----|-----|-----|

### Characteristics and advantages:

The fertilizer from high purity and solubility sources contains potassium nitrate, which is the fastest form of absorption by the plant, and the fertilizer has a quick effect to reach the appropriate size of fruits, seeds, tubers, and all productive parts, and increases the rate of its filling with the increase of dry matter, which increases weight compared to the size and increases density. Quality improves while reducing pathological and physiological injuries and increasing tolerance for shipping and storage.

Fertilizer is suitable for all plants in all stages of growth with an increase in the need for it in the productive stages and when the desire to quickly reach the appropriate size with improved quality and the desire for storage. Stress, in addition to fertilizing the ground.

ALSAFWA  
Dury



## ALSAFWA DURY

### Chemical composition

|   |    |      |    |     |     |
|---|----|------|----|-----|-----|
| N | %6 | P205 | %6 | K20 | %43 |
|---|----|------|----|-----|-----|

### Characteristics and advantages:

High potassium fertilizer from sources of high purity and solubility with stimulating quantities of nitrogen and phosphorous. The fertilizer is suitable for all stages of growth in all plants and is important to increase the yield of fruits, seeds, tubers, and bulbs. Fertilizer contributes significantly to increasing productivity and improving quality with an increase in the proportion of sugars in the fruits, improving coloring, increasing tolerance to disease infections, reducing physiological defects, and increasing storage capacity.

Ground addition is preferred in all stages of growth, starting with low rates and gradually increasing with the growth of the plant. Periodic spraying is preferred in the stages of fruit growth, tubers, and bulbs under conditions of stress and exposure to pathological infections, in addition to ground addition.

ALSAFWA  
Dury





# AL-SAFWA CHEMICALS



## TRIKAL

### Chemical composition

|     |     |      |      |    |       |    |      |   |      |
|-----|-----|------|------|----|-------|----|------|---|------|
| N   | %20 | P2O5 | %20  | MO | %0.02 | Mn | %0.5 | B | %0.2 |
| K2O | %20 | S    | %8.2 | Fe | %1    | Zn | %0.5 |   |      |

### Characteristics and advantages:

A compound fertilizer in the form of a water-soluble suspension that contains the major essential elements (nitrogen - phosphorous - potassium), which achieves balanced vegetative and root growth bearing environmental and biological stresses. The fertilizer is prepared from sources of high purity and has a high solubility, so it is suitable for ground fertilization in all irrigation systems. It is also suitable for foliar feeding. It is the ideal fertilizer for fertilizing in the vegetative growth phase for horticultural and field crops. It is a balanced formula that works with high efficiency under different irrigation systems, Especially drip irrigation and spraying due to its high solubility.

ترايب كال



## TRIKAL

### Chemical composition

|     |     |      |      |
|-----|-----|------|------|
| N   | %25 | P2O5 | %18  |
| K2O | %25 | S    | %6.5 |

### Characteristics and advantages:

A unique combination of the major basic elements (Nitrogen - Phosphorous - Potassium) in a suspended form, which achieves a balanced green and root system that bears environmental and biological stresses. Irrigation is a balanced combination that works very efficiently under different irrigation systems, especially drip irrigation and sprinklers, due to its high solubility.

ترايب كال



## TRIKAL

### Chemical composition

|     |     |      |      |    |       |    |      |   |      |
|-----|-----|------|------|----|-------|----|------|---|------|
| N   | %10 | P2O5 | %10  | MO | %0.02 | Mn | %0.5 | B | %0.2 |
| K2O | %50 | S    | %4.6 | Fe | %1    | Zn | %0.5 |   |      |

### Characteristics and advantages:

A distinct composition in the form of a suspension containing a high percentage of phosphorous in addition to a balanced percentage of nitrogen and potassium. The fertilizer is suitable for the early stages of growth to build a strong root system, in addition to benefiting from the high concentration of phosphorous in the flowering and fruiting stages. In addition to the foliar spray program in this stage is a parallel structure that works very efficiently under different irrigation systems, especially drip irrigation and spraying due to its high solubility.

ترايب كال





## TRIKAL

### Chemical composition

|     |    |      |       |
|-----|----|------|-------|
| N   | %6 | P205 | %43   |
| K20 | %6 | S    | %15.5 |

### Characteristics and advantages:

The fertilizer is important in the stage of flowering, florescence, and fruits growth in the fruits crops and in the stage of formation and growth of tubers (potatoes- potato- beet-carrot- taro) & the bulbs (onions- garlic).

Fertilizer in the form of a suspension that contains stimulating doses of nitrogen and phosphorous with an increase in the proportion of potassium to reduce the tendency of the plant to vegetative growth at the expense of the fruitful or tuberous growth, which causes the crop to be delayed and significantly reduced, in addition to benefiting from the high concentration of potassium in the fruiting stage and Collection and the stage of tuber formation and metabolism, and it is preferable to include it in the ground fertilization program with water, which is a balanced composition that works very efficiently under different irrigation systems, especially drip irrigation and sprinkler due to the high ability to dissolve.

# ترايب كال



## Safo Map

### Chemical composition

|      |       |
|------|-------|
| N    | %13,5 |
| P205 | %51   |

### Characteristics and advantages:

The fertilizer is essential for giving energy to the plant in the stages of flowering, florescence, and tubers formation. And it gives to the plant the ability to withstand stresses conditions and necessary in formation strong roots.

A high purity soluble fertilizer that contains a high percentage of phosphorous in a balanced composition with nitrogen, which makes it suitable for increasing flowering and knotting and protection from falling under stress conditions, and increasing the plant's disaster in the production stages, and plays an important role in building a strong root of the plant balanced with vegetative growth.



# صفو ماب





## TWENTY MIX

### Chemical composition

|     |     |      |      |    |       |
|-----|-----|------|------|----|-------|
| N   | %20 | P2O5 | %20  | B  | %0.05 |
| K2O | %20 | Zn   | %0.1 | Fe | %0.2  |

### Characteristics and advantages:

A balanced fertilizer that contains the major essential elements (nitrogen - phosphorous - potassium), achieves balanced vegetative and root growth that is tolerant of environmental and biological stresses. The fertilizer contains iron, zinc, and boron, which adds greater effectiveness by increasing cell division, the activity of developing peaks, enzymatic activity, and the transfer of metabolites while reducing the symptoms of element deficiency and physiological distortions of fruits and tubers. All irrigation systems, as it is suitable for foliar feeding and is the ideal fertilizer for fertilizing in the vegetative growth stage for all horticultural and field crops.

توينتي ميكس 20



## NITRO CYTO PLUS

### Chemical composition

|     |     |      |        |    |      |      |      |   |       |
|-----|-----|------|--------|----|------|------|------|---|-------|
| N   | %19 | P2O5 | %10    | Mn | %0.5 | Cyto | %0.2 | B | %0.05 |
| K2O | %10 | Cu   | %0.125 | Fe | %0.5 | Zn   | %0.5 |   |       |

### Characteristics and advantages:

Fertilizer is essential to build a strong plant structure tolerant to the stress conditions while avoiding the symptoms of deficiency of the element.

An integrated, high-purity, fast-dissolving fertilizer that contains major and minor elements in addition to cytokinin in a homogeneous combination, making it the strongest in building a strong, balanced structure of the plant, avoiding the appearance of symptoms of element deficiency, bearing environmental and biological stresses. The fertilizer is suitable for all irrigation and foliar sprinkler systems.





## BONO MIX

### Chemical composition

|     |    |      |     |
|-----|----|------|-----|
| N   | %4 | P205 | %44 |
| K20 | %4 |      |     |

### Characteristics and advantages:

The fertilizer is important in the stage of flowering, florescence, and fruits growth in the fruits crops and in the stage of formation and growth of tubers (potatoes- potato- beet-carrot- taro) & the bulbs (onions- garlic).

A fast-dissolving fertilizer that contains stimulating doses of nitrogen and phosphorous with an increase in potassium to reduce the plant's tendency to vegetative growth at the expense of fruitful or tuberous growth, which failed the delay the crop and its decline significantly, in addition to benefiting from the high concentration of potassium in the fruiting and collection stage and in the tuber formation stage. and bulbs, and it is preferable to include it in the ground fertilization program with irrigation water, in addition to the foliar spray program at this stage, especially in cases of environmental and biological stresses.

بونوميكس



## Extra Citrate

### Chemical composition

|     |     |                   |
|-----|-----|-------------------|
| K20 | %46 | Potassium Citrate |
|-----|-----|-------------------|

### Characteristics and advantages:

The fertilizer is important in all growth stages for all plants. Its need increases in the stage of formation and growth of tubers (potatoes- potato- beet-carrot- taro) & the bulbs (onions- garlic).

Potassium is considered the citrate form of the best image for plant uptake, and the incision of the citrate has an additional role in improving plant growth and carrying various stresses such as high and low temperatures as well as biological stress resulting from disease and insect infections and also contributes to correcting the alkalinity of irrigation water, the fertilizer is ideal for fertilizing all crops From all stages of growth and the need for it increases during the fruiting stages to prevent falling, increase the percentage of knots and scaling and improve coloring and sugar ratio as it wants from the firmness of the fruits and their tolerance for shipping and movement, and contributes significantly to increasing the size of root and tuber crops and the need for it increases in the stage of the beginning of the formation and growth of tubers and increases their hardness It improves its storage capacity, which is also the case with onions and garlic.





## Elite fort feed

### Chemical composition

|     |     |      |     |    |    |
|-----|-----|------|-----|----|----|
| N   | %15 | P2O5 | %15 | Ca | %7 |
| K2O | %5  | Mg   | %3  |    |    |

### Characteristics and advantages:

A fast-dissolving fertilizer that contains a mixture of major elements in an easy-to-absorb form and is professionally prepared, which leads to balanced vegetative growth without the appearance of symptoms of lack of elements with resistance to environmental and biological stress conditions, and it is suitable in the rapid stages of vegetative growth to build a strong plant structure.



## Elite Micro Max

### Chemical composition

|    |      |    |      |    |      |
|----|------|----|------|----|------|
| Mg | %4.2 | Fe | %2.2 | B  | %1.1 |
| Mo | %0.5 | Zn | %4.8 | Mn | %3.2 |

### Characteristics and advantages:

Fertilizer is essential to build a strong plant structure tolerant to the stress conditions while avoiding the symptoms of deficiency of the element.

An easy-to-absorb foliar fertilizer that contains a mixture of the important elements of the plant at all stages of its growth. The fertilizer is characterized by activating the important plant primroses in photosynthesis and chlorophyll formation, which achieves rapid growth without the appearance of deficiency symptoms, which is reflected in the increase in yield and quality.



## Mini Copper

### Chemical composition

Cu %6 copper

A therapeutic and preventive compound against many fungi

### Characteristics and advantages:

A strong and safe antifungal ... curative and preventive for diseases of powdery mildew, downy mildew, and fruit and root rots on various horticultural and field crops. It also contains copper necessary for the activity of photosynthesis enzymes. It also has a role in avoiding the emergence of die back and navel rot in citrus fruits and helps in filling its juice bags, the compound has a great role in controlling onion and garlic diseases while improving quality.



ميني كوبر



## High P

### Chemical composition

|      |     |    |       |    |      |    |      |
|------|-----|----|-------|----|------|----|------|
| K2O  | %30 | S  | %1.6  | Mn | %1   | B  | %0.2 |
| P2O5 | %43 | Mo | %0.02 | Fe | %0.1 | Zn | %1   |

### Characteristics and advantages:

Fertilizer is essential for giving energy to the plant in the flowering florescence phase, tubers formation and give the plant the ability of tolerance to the stress conditions while avoiding the symptoms of deficiency of the element.

A high-density strong foliar fertilizer that contains a high percentage of phosphorous in a balanced formula with potassium. It also contains microelements in the form of a high purity chelated, which makes it the most suitable for increasing flowering and knots and protection from falling under stress conditions, and increasing plant energy in the production stages, as it provides elements Necessary for plants growing in saline and calcareous soils in appropriate quantities in an available form by spraying, which prevents the appearance of symptoms of lack of elements in the energy-depleting stages.

هاي بي





## Fort K

### Chemical composition

|      |       |    |       |    |       |    |      |
|------|-------|----|-------|----|-------|----|------|
| K2O  | %43   | Fe | %1.1  | Mn | %1.1  | Zn | %1.3 |
| P2O5 | %32.6 | Mo | %0.02 | B  | %0.22 |    |      |

### Characteristics and advantages:

Fertilizer is essential for sizing the fruits and tubers with increase in sugar and improving the coloring and quality, while avoiding the symptoms of deficiency of the element.

A high-density strong foliar fertilizer that contains a high percentage of potassium in a balanced formula with phosphorous. It also contains micro-elements in the form of chelated high purity, which makes it the most suitable for increasing flowering, knots, and fruit growth, as well as the formation and growth of tubers. Fort K increases the supply of fruits and tubers with building products, which is reflected in an increase in size and yield, it also improves coloring and increases the sugar content of fruits while achieving high quality. Fort K provides the necessary elements for plants growing in saline and lime soils in appropriate quantities in a form available by spraying, which prevents the appearance of symptoms of element deficiency while improving the transport of water and solutes.

فورت كي





## Multi Elemen

### Chemical composition

|                    |      |                 |      |                |      |
|--------------------|------|-----------------|------|----------------|------|
| Chelated iron      | %1.6 | Chelated zinc   | %0.8 | Chelated boron | %0.3 |
| Chelated manganese | %1.5 | Chelated copper | %0.8 |                |      |

### Characteristics and advantages:

Foliar fertilizer that is essential for achieving a strong vegetative growth with increase in crops and quality, while avoiding the symptoms of deficiency of the element.

An easy-to-absorb foliar fertilizer that contains local microelements in the form of Edita. The fertilizer is characterized by activating important plant enzymes in photosynthesis and chlorophyll formation, which achieves rapid growth without the appearance of deficiency symptoms, which is reflected in the increase in yield and quality.



### ملتي ايليمن



## Top calcium boro

### Chemical composition

|         |       |               |       |
|---------|-------|---------------|-------|
| N       | %9.5  | Boron         | %0.35 |
| Calcium | %15.6 | organic acids | %5    |

### Characteristics and advantages:

The fertilizer is important in the stage of flowering, florescence, and fruits growth in the fruits crops and in the stage of formation and growth of tubers, while avoiding the physiological diseases which resulted from shortage of calcium, boron and stress conditions.

A high-quality, easy-to-absorb fertilizer compound with a unique composition of nitrogen and calcium. Physiological problems that occur during the flowering, florescence, and fruiting stage, as well as the formation and growth of boron, in addition to a group of organic acids. It is specially designed to overcome most tubers, as it works on the treatment of flowering end rot - burning of the top and edges of leaves Lettuce and cabbage Hollow heart in potatoes, beets, lettuce, cabbage, cauliflower, and cucumber - Deformation of cucumber fruits - Brown discoloration of cauliflower discs - Physiological brown discoloration of potato tubers - Dwarfing of the developing apex.

### توب كالسيوم بورو





## Humi plus

### Chemical composition

|                  |       |             |    |           |      |
|------------------|-------|-------------|----|-----------|------|
| Humic acid       | %32.5 | Fulvic acid | %4 | Iron      | %0.8 |
| K <sub>2</sub> O | %8.25 | zinc        | %2 | Manganese | %0.9 |

### Characteristics and advantages:

Nursery environment treatment: treated by rate of 1 liter/ 100kg  
Fertilization rate environment in the nursery environment.

A compound containing humic acid, potassium, and fulvic acid, in addition to a mixture of trace elements (iron - zinc - manganese) in a unique combination that was prepared in order to build a strong vegetative structure for the plant capable of overcoming environmental and biological stress conditions.



## Top form

### Chemical composition

|    |      |                  |      |
|----|------|------------------|------|
| Cu | %6.3 | P                | %0.3 |
| S  | %2.9 | Organic material | %2   |

### Characteristics and advantages:

The compound permeates root cells, where it acquires the characteristic of auto-resistance. The compound also adheres to the surfaces of root cells, preventing mold pathogens from reaching and blocking the root vessels, and thus preventing the fungus from secreting cytotoxic toxins, thus preventing the occurrence of mold. It strengthens the roots by immunizing the parts injured by nematodes, and this increases the plant's resistance. It works to increase the rooting of the phosphorous element present in the compound. Phosphorous acts as an activator of the natural resistance of the roots, which increases by the direct effect of copper in the site of injury.

A strong and highly effective compound that supplies the plant with copper, it is also specially equipped to take care of the roots of the plant, as it has a wide range of resistance to many types of rots.

توب فورم





## Safo potas 15

### Chemical composition

K2O %15

### Dosage and how to use

Safo Potas 15 is generally used on all crops at a rate of 200-150 ml / 100 liters of water sprayed on vegetative growths.

### Characteristics and advantages:

A balanced compound fertilizer that contains potassium in the form of potassium citrate, which is fast soluble and easy to absorb.



صفوبوتاس 15



## Safcon calcium plus

### Chemical composition

|         |     |               |       |
|---------|-----|---------------|-------|
| N       | %15 | Boron         | %0.32 |
| Calcium | %10 | organic acids | %5    |

### Characteristics and advantages:

The fertilizer is important in the stage of flowering, florescence, and fruits growth in the fruits crops and in the stage of formation and growth of tubers, while avoiding the physiological diseases which resulted from shortage of calcium, boron and stress conditions.

A high-quality, easy-to-absorb fertilizer compound with a unique composition of nitrogen, calcium, and boron, in addition to a group of organic acids. It is specially designed to overcome most of the physiological problems that occur during the flowering, florescence, and fruiting phase, as well as the formation and growth of tubers, as it works to treat flowery end rot - burning of the top and edges of leaves Lettuce and cabbage - hollow heart in potatoes, beets, lettuce, cabbage, cauliflower and cucumbers Distortion of cucumber fruits Brown discoloration of cauliflower discs - Physiological brown discoloration of potato tubers - stunting of the developing apex.

صفكون  
كالمسيوم بلس





## Safo sal

### Chemical composition

|               |     |                    |     |
|---------------|-----|--------------------|-----|
| N             | %6  | fulvic acid        | %15 |
| Calcium oxide | %12 | Lignosulfonic acid | %10 |

### Dosage and how to use

From 3-2 L/acre

### Characteristics and advantages:

Safo sal is a unique combination of high calcium and organic acids that works very efficiently to reduce soil salinity by expelling sodium from the soil and replacing it with calcium. Positively reflected on plant growth and the final crop.

صفو سال



## Ultra Feed

### Chemical composition

|      |       |     |        |     |        |
|------|-------|-----|--------|-----|--------|
| P205 | %50   | Zn  | %2     | NAA | %0.001 |
| K20  | %32.5 | IBA | %0.002 |     |        |

### Characteristics and advantages:

The fertilizer is important in building a strong total vegetative growth for all crops and it is essential during the flowering, fruits and tubers formation stage.

A high-purity, fast-dissolving fertilizer that contains a high percentage of phosphorous and potassium. The fertilizer is suitable for building a strong root system, in addition to providing the increased demand for energy and products of representation by flowers, fruits, and tubers, and the presence of growth regulators (IBA - NAA) within the composition of the fertilizer contributes greatly to encouraging flowers, preventing fruit drop, accelerating the growth of fruits and tubers and their increase in size, which is reflected on the overall crop, in addition to the presence of zinc in the composition of the fertilizer ensures the availability of acetic acid (IAA) countries, which regulates the fruiting stage. The unique composition of the fertilizer of phosphorous, potassium, zinc, and growth regulators contributes significantly to increasing the yield and quality while improving the storage capacity of the fruits and tubers.

ULTRA  
FEED





## Ultra Roots

### Chemical composition

|     |     |      |     |    |    |
|-----|-----|------|-----|----|----|
| N   | %10 | P205 | %52 | Zn | %2 |
| MgO | %1  | IBA  | %2  |    |    |

### Dosage and how to use

**Ground addition:** 100gm/acre with irrigation water

**Foliar spray :** 50-30gm /100 L water.

A powerful root activator that contributes to increasing the size of the root system and its spread, which increases its ability to absorb elements.

-it contains a high concentration of phosphorous, so it provides the energy needed for plants and fruits.

-It increases the speed of cell division in new growths and the developing tops of buds, which increases branching.

-It improves the fluorescence and reduces the fall of the fruits and increases the division of cells, which increases the volume of the fruits and sheds its quality, and increases the early and entire crops - increases the convergence and speeds up from the breaking of the pillar and the good of the prophets after the prestige.

-Helps in increasing the growth of roots in saline and lime soils, which impede obtaining a strong root total.

### Characteristics and advantages:

It is acceptable to mix with most fertilizers and fungicides. It is not acceptable to mix with base pesticides and mineral oils. It is always preferable to experiment with mixing.

**ULTRA  
ROOTS**



## Fero Magic %6

### Chemical composition

فيرو Fe ماجيك ٦%

Chelated iron %6

## Fero Magic %13

### Chemical composition

فيرو Fe ماجيك ١٣%

Chelated iron %13

A distinct, easy-to-absorb, foliar fertilizer that contains iron, which is demanded on the image Adina, and it is important to overcome the problems of iron deficiency in the soil and under conditions that hinder absorption. It is also important for the formation of chlorophyll and many enzymes, which help in building a strong vegetative structure.

### Usage rates

Vegetable crops, field crops: 100-80 gm/100 Liter of water.

Fruit trees: 100-80 gm/100 Liter of water      Ornamental plants: -60 80 gm/100 Liter of water.

Preventive spraying: Spray at a rate of 300gm/acre and repeat the spraying every 15 days.

Drip irrigation is filtered at a rate of 500-300 gm /acre and repeated according to the plant's need.





## Safcon zink %6

### Chemical composition

صفكون زنك ٦% Zn

Chelated zinc %6

## %13 Safcon zink

### Chemical composition

صفكون زنك ١٣% Zn

Chelated zinc %13

Chemical composition Chelated zinc %13

Pickled fertilizer containing zinc (requirement on Edna) is prepared in a way that makes it easy to absorb. It works on the formation of IAA states. It is also necessary for protein metabolism and the formation of chlorophyll. It is also supported by some materials that help in building a strong plant structure

### Usage rates

Vegetable crops, field crops: 100-80 gm/100 Liter of water.

Fruit trees: 100-80 gm/100 Liter of water.

Ornamental plants: 80-60 gm/100 Liter of water.



## Safcon manganese %6

### Chemical composition

صفكون منجنيز ٦% Mn

Chelated manganese %6

## Safcon manganese %13

### Chemical composition

صفكون منجنيز ١٣% Mn

Chelated manganese %13

A distinct, easy-to-absorb, foliar fertilizer that contains chelated manganese, which is important to overcome the problems of manganese deficiency in the soil and under conditions that hinder absorption. It is also important for the formation of chlorophyll and many enzymes and protein representation, which helps in building a strong vegetative structure.

### Usage rates

Vegetable crops, field crops: 100-80 gm/100 Liter of water.

Fruit trees: 100-80 gm/100 Liter of water. Ornamental plants: 80-60 gm/100 Liter of water.

Preventive spraying: spraying at a rate of 200gm/acre and spraying every 15 days. Drip irrigation is added at a rate of 500-300 g per acre and repeated according to the plant's need.





## Elite manganese %14

### Chemical composition

Chelated manganese %14

Lactose mono hydrate %6

### Characteristics and advantages:

The fertilizer contains a high concentration of manganese in the local form, organically chelating the citric acid in addition to the form edita, which increases its efficiency and improves the absorption and final utilization of the two fertilizers, and the protection of manganese from loss or fixation in the soil improves, improves the absorption of manganese, whether through Foliar spray or ground addition improves its mobility within the plant, which prevents the appearance of deficiency symptoms and achieves rapid treatment. It contributes greatly to improving the enzymatic activity within the nuclei, and increases the formation of chlorophyll, processed carbohydrates, and helps in building protein; Which is reflected in the increase of plant tolerance to stress conditions, improvement of quality and increase of production, the need for it increases in poor limestone, saline and sandy lands.

### Dosage and method of use

It is preferable to spray foliar 4-3 times during the growing season to prevent the appearance of symptoms of element deficiency and achieve the highest benefit

Foliar spraying at a concentration of 125-100 gm / 100 liter of water depending on the age and type of the plant or 250 gm / acre.

Ground addition 1000-500 gm/acre.



## Elite Zinc %14

### Chemical composition

Chelated zinc %14

Lactose mono hydrate %6

### Characteristics and advantages:

The fertilizer treats the lack of activity of the growing tops in conditions of environmental stress or after disease and insect infestations. It also improves the growth of new shoots and branching. It contributes greatly to the treatment of symptoms of dwarfism, prevents the appearance of zinc deficiency symptoms, and works on rapid treatment due to its easy absorption and transmission within the plant; As a result of organic chelation on citric acid, which achieves great benefit from zinc inside the plant, in addition to chelation on the form of Edita, which combines the advantages of both methods of chelation, improves the enzymatic activity in cells; Which is reflected in improving metabolism and increasing the division of meristem peaks in roots and stems. increases the natural synthesis of indole acetic acid with an increase in hormonal activity; Which stimulates the formation of flowers and increases the vitality of pollen, and this is reflected positively in increasing the florescence, improving the quality and the overall yield.

### Dosage and method of use

It is preferable to spray foliar 4-3 times during the growing season to prevent the appearance of deficiency symptoms and to achieve the highest benefit, especially in limestone, saline, and sandy lands poor.

**Foliar spray** at a concentration of 100-125 gm/100 liter of water or 250 gm/ acre.

**Ground addition** 1000-500 gm/acre.





## Elite fero

### Chemical composition

Chelated iron %14

### Characteristics and advantages:

A high-purity compound with a high concentration of iron chelated organically to citric acid in addition to the image, which gives the fertilizer a great ability to absorb and increase its utilization. It helps in the enzymatic activity within the plant, protein assimilation, and the construction of chlorophyll, which increases the efficiency of photosynthesis and vegetative growth, especially in periods of rapid growth in which the demand for iron increases. It also contains citric acid increases the utilization of fertilizer as it lowers the acidity number and facilitates absorption and motility within the plant. It also increases the plant's tolerance to environmental stress conditions (heat - cold - salinity - alkaline) and biological stress (disease resistance) has a positive role in improving vegetative growth And the fruit.

### Dosage and method of use

It is preferable to spray foliar 4-3 times during the growing season to prevent the appearance of deficiency symptoms, especially in poor limestone, saline, and sandy lands.

**Foliar spraying** at a concentration of 125-100 gm/100Liter of water , according to the age and type of the plant, or 250 g per acre.

**Ground addition** 1000-500 gm/acre.



## Safo K One

### Chemical composition

K20 %36

### Characteristics and advantages:

A high-density complex of potassium citrate that is quickly soluble and easily absorbed.

It works on the plant's resistance to frost and drought at the same time, as it improves the osmotic pressure of the plant cell and maintains the cell's water content, increases the ability of roots to absorb, and plays a key role in the process of balancing carbohydrates and nitrogenous materials by reducing the amount of excess nitrogen works to increase the crop and that install flowers and increase the proportion of the florescence and the lack of fruit falling.

It increases the formation of protein and starch in cereals, potatoes, sweet potatoes, and taro.

It increases the formation of sugar in fruits, sugar beets, and sugar cane.

It increases oil formation in oil crops.

It reduces physiological diseases, increases the size of fruits, tubers, and overall yield, and improves quality and capacity , Storage, portability, and marketing.

**Safo K ONE**  
صفوكي ا ك





## Safo Calboro

### Chemical composition

|     |     |   |    |
|-----|-----|---|----|
| CaO | %14 | B | %5 |
|-----|-----|---|----|

### Characteristics and advantages:

Water-soluble calcium and boron complex on ethanolamine used in stages Flowering and florescence are characterized by containing a balanced ratio of calcium and boron, and the optimum percentage that Allows plants to make maximum use of the formula.

It works to increase the efficiency of plant water absorption to contain boron, which increases the Plant resistance to thirst and drought.

Boron speeds up the movement of calcium inside the plant.

Boron works on the growth of pollen grains on the flowering stigmas, and thus the success of the process Vaccination and florescence .

Calcium and boron together play a basic and important role in the elongation of Cells, cell division, and an increase in the rate of flowering - Calcium plays a major role in increasing the firmness of fruits because it is the main component of Calcium that enters in the formation of the cell wall.

The compound works to raise the percentage of sugar, homogenize the size of the fruits and give the to the fruit good marketing advantages (ability to bear storage and transportation)

Reduces physiological diseases and flower limb rot - Hollow heart in potatoes, beets, cabbage, and cucumbers - Blackheart - Burning ends of cabbage and cauliflower leaves - Dwarfing the growing top of the stems.

**Safo Calboro**  
صفو كال بورو



## Saif sal

### Chemical composition

|               |     |               |     |                     |     |
|---------------|-----|---------------|-----|---------------------|-----|
| N             | %14 | Valfic acid   | %15 | Lignosulphonic acid | %10 |
| Calcium oxide | %8  | Organic acids | %20 |                     |     |

### Characteristics and advantages:

Saif sal is a unique formula containing calcium and organic acids that work very efficiently on reducing soil salinity by expelling sodium from the soil and replacing it with calcium. As well as increasing the ability to retain water, which is reflected positively on plant growth and the final crop.

**سيف سال**  
**Saif Sal**





**agricultural  
vision  
innovative..**