



VITAL GROW FERTILIZER
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www.vitalgrowfertilizer.com



Dorvital was established in 2012 in Antalya, the capital of agriculture in Turkiye. We offer the best products for the finest crops. For years, Dorvital has been a complete fertilizer destination for Eastern Europe, as well as the Middle East. We are finally meeting farmers' needs in the U.S. Vital Grow Fertilizer has recently been established in February 2023 in the San Francisco Bay Area. We offer fertilizers that provide a better future for your farms and crops.



VITAL GROW FERTILIZER

ADORA 3-0-30

NK FERTILIZER SOLUTION

GUARANTEED CONTENT

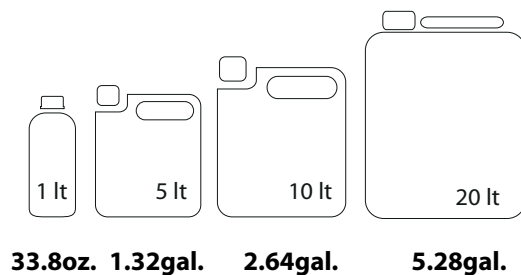
| | w / w |
|--|-------|
| Total Nitrogen (N) | 3 |
| Urea Nitrogen (N) | 3 |
| Water Soluble Potassium Oxide (K ₂ O) | 30 |

- Potassium in the product maximizes the development, durability and productivity of the plants and fruits.
- Since Potassium in Adora is completely chelated with polycarboxylic acids, its bioavailability in plants is at maximum level.
- Special Enzymes in Adora minimize the problems seen during the fruit growing period.

Application

Foliar Application : 8 oz to 25 gal. water

Soil Application : 2 gal/acre



VITAL GROW FERTILIZER

DORFOCHINK

3-20-0+ME

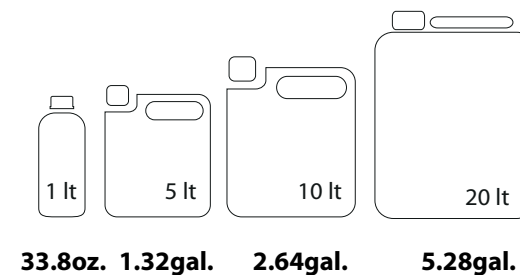
GUARANTEED CONTENT

| | w / w |
|--|-------|
| Total Nitrogen (N) | 3 |
| Urea Nitrogen (NH ₂ -N) | 3 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 20 |
| Water Soluble Zinc (Zn) | 5 |

This product facilitates the absorption of phosphorus during flowering. Dorfochink balances the PH of the soil and make the environment suitable for the plant.

Foliar Application : 8oz to 25 gal. water

Soil Application : 2 gal/acre



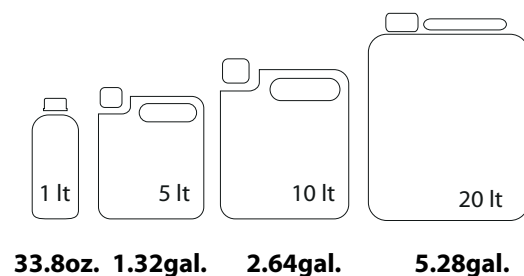


VITAL GROW FERTILIZER

FERDEN FLASH

Guaranteed Content
Water Soluble Iron (Fe) **% W / W**
pH **6%**
 1.7-2.5

Ferden Flash is a chelated microelement which contains 6% iron when in liquid form.
Due to its special formula which contains amino acid, Ferden Flash is effective for a long period of time.
Even in alkaline and calcareous soils, it prevents iron chlorosis, eliminates deficiency problems such as yellowing in all kinds of fruit trees, grape yards, citrus, vegetables, and ornamental plants.



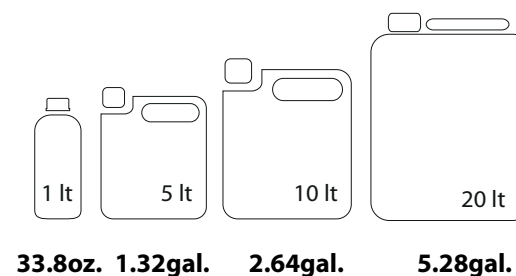
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DORVISALT

soil conditioner

Contains organic acids and calcium compounds that prevent salinization of the soil.
Dorvisalt is very effective at preventing and removing sodium salts by inactivating sodium ions, especially in soil with high salinization potential. This occurs as a result of the replacement of calcium ions bound with organic acids in its content with sodium ions that are soluble in water. Dorvisalt also balances the soil pH in a positive way by keeping the hydroxyl ions under pressure, preventing the salinization due to the alkalinity.

Foliar Application : 8oz to 25 gal. water
Soil Application : 2 gal/acre





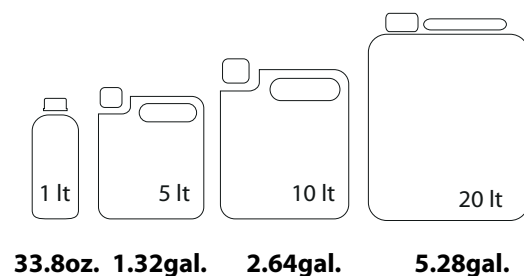
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MONSTER N 20

| Guaranteed Content | % w / w |
|---|-------------|
| Total Nitrogen (N) | 20 |
| Urea Nitrogen (NH₂-N) | 14.5 |
| Ammonium Nitrogen (N) | 5,5 |

The nitrogen in Monster N 20 consists of sulphone containing compounds. These include organic nitrogen groups such as amine nitrogen, amino acid nitrogen, and amide nitrogen. These nitrogen groups ensure that the plant's vegetative growth reaches its maximum level in a healthy way, regardless of climate and environmental conditions.

Foliar Application : 8 oz to 25 gal. water
Soil Application : 2 gal/acre



33.8oz. 1.32gal. 2.64gal. 5.28gal.



VITAL GROW FERTILIZER

MIXEL

| | |
|-------------------------------------|----------------|
| EC FERTILIZER | |
| LIQUID MICRONUTRIENT MIX | |
| GUARANTEED CONTENT | % w / w |
| Water Soluble Boron (B) | 0.5 |
| Water Soluble Copper (Cu) | 0.50 |
| Water Soluble Iron (Fe) | 3 |
| Water Soluble Manganese (Mn) | 2 |
| Water Soluble Zinc (Zn) | 2 |

Microelements in Dorvital Mixel are completely chelated with organic rooted chelate materials. This maximizes the utilization levels of microelements in all soil and plant conditions.

The PH range of micronutrients solutions in Dorvital Mixel is quite high.
It has excellent stability, even in the PH range of 1-9.

As it is known, micronutrients can't dissolve in water.

They collapse when the pH is neutral or alkali. This limits the nourishment of the plants.

Contains Boron, Iron, Zinc to support plant growth.

Prevents yellowing in plants, eliminates nutrient deficiencies.

Increases the resistance of the plant to stress conditions.

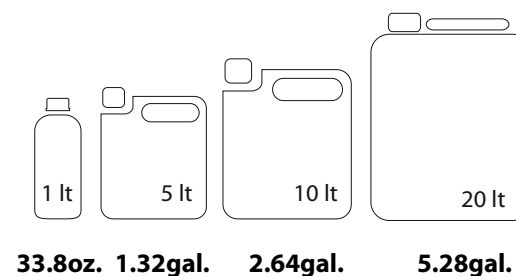
Eliminates negative effects on plant growth such as chlorosis and wilting.

Can be used during flowering periods.

Increases fruit quality.

Shortens the harvest time by providing rapid growth for the plant.

For the best results, use it during the active growth period of the plant.



33.8oz. 1.32gal. 2.64gal. 5.28gal.





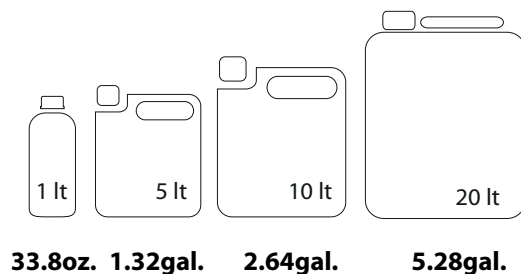
VITAL GROW FERTILIZER

ROOT 7-7-7

GUARANTEED CONTENT

| | |
|--|----|
| Total Nitrogen (N) | 7% |
| Urea Nitrogen (NH ₂ N) | 7% |
| Total Phosphorus Pentaoxide (P ₂ O ₅) | 7% |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 7% |
| Water Soluble Potassium Oxide (K ₂ O) | 7% |

It can be safely used from the 3rd and 4th day of plant seedling to the end of harvest. Provides healthy root growth. Promotes healthy and strong plant growth. Organic substances in Root 7-7-7 consist of free amino acids and proteins. Majority of these proteins and amino acids are in water soluble form, as long as they are compounds of nitrogen and some micro minerals. Amino acids and proteins form the structure of enzymes that regulate physiological mechanisms of plants. Due to its structure, when applied to plants, it regulates all physiological activities that occur and helps plants get rid of the stress caused by various external factors. While helping the plants to have strong structure, it allows a uniform structure both in flowering and fruit formation. When applied to soil, it directly stimulates the root development of the plant. It promotes beneficial micro-organism activities in soil. It can be safely applied in every stage of the growth period of plants.



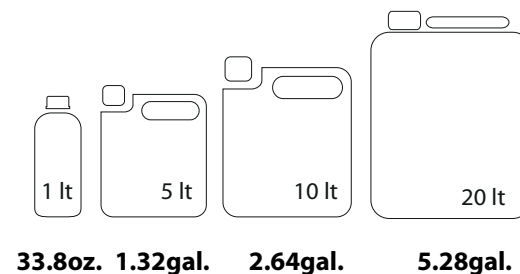
VITAL GROW FERTILIZER

EST-MAN

GUARANTEED CONTENT:

| | |
|------------------------------|-----------------|
| Water soluble Manganese (Mn) | % (w/w) : 8% |
|------------------------------|-----------------|

EST-MAN should be applied on leaves or soil at least 2-3 times in plants with manganese deficiency. Depending on the use of EST-MAN, an increase in coloration of fruit and vegetables is observed. It also adds brightness to the appearance of the fruit. Foliar Application: Add 3.2oz to each 10gal water. Soil Application: Add 2 gal./acre through the irrigation system depending on needs and seasons. It is beneficial to experiment with mixing desired materials first, using smaller batches.





VITAL GROW FERTILIZER

GOOD MAN

GUARANTEED CONTENT

Water Soluble Manganese (Mn)

% w / w

20

GOODMAN should be applied on leaves or soil at least 2-3 times in plants with manganese deficiency.

Depending on the use of GOODMAN, an increase in coloration of fruit and vegetables is observed. It also adds brightness to the appearance of the fruit.

Foliar Application: Add 1oz to each 10gal water for the vegetables; 2oz to each 10gal water for vineyards, citrus and fruit trees.

Soil Application: Add ½ lb./acre through the irrigation system depending on needs and seasons.

It is beneficial to experiment with mixing desired materials first, using smaller batches.



1kgs / 2.19lbs





VITAL GROW FERTILIZER



OTTO NPK 9-9-39 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 9 |
| Ammonium Nitrogen (NH ₄ -N) | 2 |
| Urea Nitrogen (NH ₂ -N) | 7 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 9 |
| Neutral Ammonium Citrate and | |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 9 |
| Water Soluble Potassium Oxide (K ₂ O) | 39 |
| Water Soluble Copper (Cu) | 0.03 |
| Water Soluble Iron (Fe) | 0.1 |
| Water Soluble Manganese (Mn) | 0.03 |
| Water Soluble Zinc (Zn) | 0.06 |

Otto 9-9-39 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

It contains regulators, which positively affect the PH of the soil and the environment. Provides superior nutrition for plants. Easily absorbable. Reduces mineral loss in the soil. Facilitates the intake of the minerals by plants such as Boron (B) iron (Fe), Manganese (Mn), copper (Cu) and Zinc (Zn).

Directly affects the yield and quality of the plant. It has 100 percent utilization in both foliar application and soil application. Encourages cell proliferation. Contributes to the development of roots and fruits.



1kgs / 2.19lbs

VITAL GROW FERTILIZER

OTTO NPK 18-18-18 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 18 |
| Ammonium Nitrogen (NH ₄ -N) | 4 |
| Urea Nitrogen (NH ₂ -N) | 14 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 18 |
| Water Soluble Potassium Oxide (K ₂ O) | 18 |
| Water Soluble Copper (Cu) | 0.04 |
| Water Soluble Iron (Fe) | 0.5 |
| Water Soluble Manganese (Mn) | 0.07 |
| Water Soluble Zinc (Zn) | 0.1 |

Otto 18-18-18 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

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1kgs / 2.19lbs



VITAL GROW FERTILIZER



OTTO NPK 16-8-24 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 16 |
| Ammonium Nitrogen (NH4-N) | 3 |
| Urea Nitrogen (NH2-N) | 13 |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 8 |
| Water Soluble Potassium Oxide (K2O) | 24 |
| Water Soluble Boron | 0.03 |
| Water Soluble Copper (Cu) | 0.02 |
| Water Soluble Iron (Fe) | 0.2 |
| Water Soluble Manganese (Mn) | 0.1 |
| Water Soluble Zinc (Zn) | 0.1 |

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1kgs / 2.19lbs

OTTO NPK 15-30-15 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 15 |
| Ammonium Nitrogen (NH4-N) | 7.5 |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 30 |
| Neutral Ammonium Citrate and | |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 30 |
| Water Soluble Potassium Oxide (K2O) | 15 |
| Water Soluble Copper (Cu) | 0.05 |
| Water Soluble Iron (Fe) | 0.2 |
| Water Soluble Manganese (Mn) | 0.1 |
| Water Soluble Zinc (Zn) | 0.1 |

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Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

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1kgs / 2.19lbs



VITAL GROW FERTILIZER



OTTO NPK 16-8-24 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 16 |
| Ammonium Nitrogen (NH4-N) | 3 |
| Urea Nitrogen (NH2-N) | 13 |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 8 |
| Water Soluble Potassium Oxide (K2O) | 24 |
| Water Soluble Boron | 0.03 |
| Water Soluble Copper (Cu) | 0.02 |
| Water Soluble Iron (Fe) | 0.2 |
| Water Soluble Manganese (Mn) | 0.1 |
| Water Soluble Zinc (Zn) | 0.1 |

Otto 16-8-24 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

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**25 kg
55lbs**

VITAL GROW FERTILIZER

OTTO NPK 15-30-15 +ME

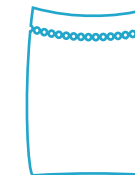
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|--|--------|
| Total Nitrogen (N) | 15 |
| Ammonium Nitrogen (NH4-N) | 7.5 |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 30 |
| Neutral Ammonium Citrate and | |
| Water Soluble Phosphorus Pentaoxide (P2O5) | 30 |
| Water Soluble Potassium Oxide (K2O) | 15 |
| Water Soluble Copper (Cu) | 0.05 |
| Water Soluble Iron (Fe) | 0.2 |
| Water Soluble Manganese (Mn) | 0.1 |
| Water Soluble Zinc (Zn) | 0.1 |

Otto 15-30-15 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

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**25 kg
55lbs**



VITAL GROW FERTILIZER



OTTO NPK 9-9-39 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 9 |
| Ammonium Nitrogen (NH ₄ -N) | 2 |
| Urea Nitrogen (NH ₂ -N) | 7 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 9 |
| Neutral Ammonium Citrate and | |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 9 |
| Water Soluble Potassium Oxide (K ₂ O) | 39 |
| Water Soluble Copper (Cu) | 0.03 |
| Water Soluble Iron (Fe) | 0.1 |
| Water Soluble Manganese (Mn) | 0.03 |
| Water Soluble Zinc (Zn) | 0.06 |

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**25 kg
55lbs**

VITAL GROW FERTILIZER

OTTO NPK 18-18-18 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 18 |
| Ammonium Nitrogen (NH ₄ -N) | 4 |
| Urea Nitrogen (NH ₂ -N) | 14 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 18 |
| Water Soluble Potassium Oxide (K ₂ O) | 18 |
| Water Soluble Copper (Cu) | 0.04 |
| Water Soluble Iron (Fe) | 0.5 |
| Water Soluble Manganese (Mn) | 0.07 |
| Water Soluble Zinc (Zn) | 0.1 |

Otto 18-18-18 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

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Directly affects the yield and quality of the plant. It has 100 percent utilization in both foliar application and soil application. Encourages cell proliferation. Contributes to the development of roots and fruits.



**25 kg
55lbs**



VITAL GROW FERTILIZER



OTTO NPK 20-5-30 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 20 |
| Urea Nitrogen (NH ₂ -N) | 20 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 5 |
| Water Soluble Potassium Oxide (K ₂ O) | 30 |
| Water Soluble Boron | 0.01 |
| Water Soluble Copper (Cu) | 0.03 |
| Water Soluble Iron (Fe) | 0.02 |
| Water Soluble Manganese (Mn) | 0.03 |
| Water Soluble Zinc (Zn) | 0.03 |

Otto 20-5-30 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

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**25 kg
55lbs**

VITAL GROW FERTILIZER

OTTO NPK 20-10-20 +ME

| Guaranteed Analysis | %(w/w) |
|--|--------|
| Total Nitrogen (N) | 20 |
| Ammonium Nitrogen (NH ₄ -N) | 3 |
| Urea Nitrogen (NH ₂ -N) | 17 |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 10 |
| Neutral Ammonium Citrate and | |
| Water Soluble Phosphorus Pentaoxide (P ₂ O ₅) | 10 |
| Water Soluble Potassium Oxide (K ₂ O) | 20 |
| Water Soluble Copper (Cu) | 0.04 |
| Water Soluble Iron (Fe) | 0.5 |
| Water Soluble Manganese (Mn) | 0.07 |
| Water Soluble Zinc (Zn) | 0.1 |

Otto 20-10-20 +ME are 100 percent water soluble NPK concentrated crystal fertilizers. The ammonium form of the nitrogen Otto contains is completely chelated.

Nitrogen loss is almost zero since the nitrogen is chelated. The potassium Otto contains is bound by a very special chelating material which can regulate the nitrogen potassium balance of the plant and keep the potassium loss at a minimum level. The phosphorus level in Otto reacts minimally with other chemicals. Therefore, it prevents phosphorus from binding with any other chemicals. This maximizes its solubility in water. Otto contains enzymes that promote the development of meristematic cells in plants. In all of Otto's formulations, pH is between 2 and 3.5.

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Directly affects the yield and quality of the plant. It has 100 percent utilization in both foliar application and soil application. Encourages cell proliferation. Contributes to the development of roots and fruits.



**25 kg
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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





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