

EC FERTILIZER
BORON ETHANOLAMINE

SUSTAFER Boronamin

Content	%W/W
Water Soluble Boron	%8



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER BORONAMIN is a Boron (B) solution formulated as a highly soluble ionic liquid boron-amine complex, developed to eliminate boron deficiency in plants and to support flowering, fruit set, pollen viability, and root development. Compared to conventional oxy-boron compounds, its absorption by plants is significantly faster. Boron is a critical element for cell wall strength, carbohydrate transport, flowering, and fruit set in plants. Thanks to its complexed and rapidly absorbed boron structure, the BORONAMIN formulation corrects boron deficiency in a short time.

2. Product Features:

- High solubility and faster plant uptake
- Increases pollen viability during the flowering period
- Enhances fruit set and fruit quality
- Improves cell wall strength
- Accelerates root and shoot development
- Regulates carbohydrate transport
- Safe for use on all crop products



3. Product Benefits:

- Eliminates problems related to flowering and fruit set
- Improves fruit shape, quality, and shelf life
- Prevents internal browning and deformities caused by boron deficiency
- Promotes healthy plant growth and higher yields
- Supports stronger shoots and firmer tissue development



EC FERTILIZER
BORON ETHANOLAMINE

SUSTAFER Boronamin

Content	%W/W
Water Soluble Boron	%8



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



4. Areas of Use and Application Rates:

Crop	Application Timing	Foliar Application (per 100 L water)	Soil Application (per 1 ton water)
Vegetables (Tomato, Pepper, Eggplant, Watermelon, Strawberry etc.)	From 46 leaf stage until 15 days before harvest	150-200 ml (180-240 g)	1-1,5 L (1,2-1,8 kg)
Olive	Before flowering, after flowering, and 30-40 days later	200-300 ml (240-360 g)	1-1,5 L (1,2-1,8 kg)
Fruit Trees (Apple, Pear, Cherry, Peach, Pomegranate)	Before and after flowering	200-300 ml (240-360 g)	1-1,5 L (1,2-1,8 kg)
Field Crops	During active growth period	200-300 ml (240-360 g)	1-1,5 L (1,2-1,8 kg)
Citrus	White bud stage and bud separation	200-300 ml (240-360 g)	1-1,5 L (1,2-1,8 kg)
Banana	From fruit formation	150-200 ml (180-240 g)	1-1,5 L (1,2-1,8 kg)
Cut Flowers	At least twice during growing period	150-200 ml (180-240 g)	1-1,5 L (1,2-1,8 kg)

5. Preparation and Application:

Fill the spray tank with a certain amount of water. Add the recommended amount of SUSTAFER Boronamin, then complete the tank with water, mix thoroughly, and apply.

Compatibility: Not compatible with strongly alkaline or strongly acidic products. It can be applied together with herbicides.



- Manufacturer -

PROAKTİV KİMYA A.Ş.

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EC FERTILIZER
(POTASSIUM SOLUTION)

SUSTAFER K30

Content	%W/W
K ₂ O	%30



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER K-30 is a highly soluble potassium fertilizer developed to eliminate potassium deficiency in plants and to increase quality and yield. It is easily absorbed by plants. It improves color, quality, yield, and eliminates shape disorders. It facilitates energy transfer and can be safely applied via foliar or soil application to all vegetables, fruits, and field crops. Thanks to its special formulation, it does not cause leaf burn. Its formulation helps reduce plant damage caused by frost.

2. Product Features:

- Ensures rapid uptake of potassium by plants.
- Regulates water balance by controlling the opening and closing of stomata.
- Increases resistance to stress conditions such as drought.
- Plays a critical role in photosynthesis, carbohydrate transport, and enzyme activation.
- Improves fruit quality, color formation, and shelf life.
- Strengthens plant development and increases resistance to diseases.
- Provides anti-frost (anti-freeze) effect.



3. Product Benefits:

- Increases fruit size and brightness.
- Optimizes plant energy production.
- Increases yield.
- Enhances resistance to temperature and salinity stress.
- Supports root and stem development.
- Facilitates mineral and nutrient uptake in plants.
- Reduces frost damage thanks to its anti-freeze effect.



EC FERTILIZER
(POTASSIUM SOLUTION)

SUSTAFER K30

Content	%W/W
K ₂ O	%30



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil

4. Areas of Use and Application Rates:

Crop	Application Timing	Foliar Application (per 100 L water)	Soil Application (per 1 ton water)
Vegetables (Tomato, Pepper, Eggplant, Watermelon, Strawberry etc.)	From 46 leaf stage until 15 days before harvest	150-200 ml (180-240 g)	11.5 L (1.21.8 kg)
Olive	Before flowering, after flowering, and 3040 days later	200-300 ml (240-360 g)	11.5 L (1.21.8 kg)
Fruit Trees (Apple, Pear, Cherry, Peach, Pomegranate)	Before and after flowering	200-300 ml (240-360 g)	11.5 L (1.21.8 kg)
Field Crops	During active growth period	150-200 ml (180-240 g)	11.5 L (1.21.8 kg)
Citrus	White bud stage and bud separation	200-300 ml (240-360 g)	11.5 L (1.21.8 kg)
Banana	From fruit formation	150-200 ml (180-240 g)	11.5 L (1.21.8 kg)
Cut Flowers	At least twice during growing period	150-200 ml (180-240 g)	11.5 L (1.21.8 kg)

5. Preparation and Application:

Add some water to the spraying tank. Add the recommended amount of SUSTAFER K-30, then fill the tank with sufficient water, mix well, and apply.

Compatibility:

Not compatible with strong alkaline and strong acidic products. Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(MANGANESE FERTILIZER SOLUTION / Mn-EDTA)

SUSTAFER Mn

Content	%W/W
EDTA Chelated Mn	%2,4
Water Stable Mn	%2,4
pH Stability Range	4-10



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER Mn is a highly absorbable EDTA-chelated manganese solution developed to eliminate manganese (Mn) deficiency in plants, strengthen photosynthesis, and support enzyme activities. Manganese plays a critical role in chlorophyll synthesis and energy production processes. It rapidly corrects symptoms such as interveinal chlorosis, growth retardation, and flowering problems caused by deficiency. Thanks to its fully chelated EDTA formulation, it remains stable over a wide pH range and is absorbed by plants at maximum efficiency.

2. Product Features:

- High solubility and rapid uptake due to EDTA chelation.
- Supports chlorophyll synthesis and increases photosynthetic performance.
- Plays an important role in enzyme activities.
- Rapidly eliminates interveinal chlorosis caused by manganese deficiency.
- Strengthens plants during the flowering period.
- Supports plants under stress conditions.
- Accelerates potassium uptake during the generative period.



3. Product Benefits:

- Accelerates the formation of a vibrant green color in plants.
- Increases energy production and carbohydrate synthesis.
- Enhances fruit set.
- Accelerates growth by increasing enzyme activity.
- Rapidly corrects all symptoms of manganese deficiency.
- Increases potassium uptake.
- Improves yield, crop form, and visual quality.



EC FERTILIZER
(MANGANESE FERTILIZER SOLUTION / Mn-EDTA)

SUSTAFER

Mn

Content	%W/W
EDTA Chelated Mn	%2,4
Water Stable Mn	%2,4
pH Stability Range	4-10



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil

4. Areas of Use and Application Rates:

Crop	Application Period	Soil Application (per decare)	Foliar Application (per 100 L water)
Cotton	Before and after flowering	1 L (1.2 kg)	250-300 ml
Lentil	Before flowering	1 L (1.2 kg)	250-300 ml
Cereals	From early emergence	1 L (1.2 kg)	250-300 ml
Apricot, Peach	Immediately after flowering	1 L (1.2 kg)	200-300 ml
Pistachio	Immediately after flowering	1 L (1.2 kg)	150-200 ml
Vineyard	After first leaf formation	1 L (1.2 kg)	150-250 ml
Maize	From early emergence	1 L (1.2 kg)	250-300 ml
Peanut	From early emergence	1 L (1.2 kg)	125-200 ml
Tomato, Pepper, Cucumber, Eggplant	From early emergence	1 L (1.2 kg)	150-350 ml
Cabbage, Broccoli, Cauliflower	Whenever needed	1 L (1.2 kg)	150-250 ml
Bean, Canola	Whenever needed	1 L (1.2 kg)	150-250 ml
Melon, Watermelon	From early emergence	1 L (1.2 kg)	250-300 ml
Sugar Beet	Whenever needed	1 L (1.2 kg)	125-200 ml
Cut Flowers	Whenever needed	1 L (1.2 kg)	125-200 ml
Fruit Saplings	Whenever needed	1 L (1.2 kg)	250-300 ml
Citrus	Before and after flowering	1 L (1.2 kg)	200-300 ml
Banana, Kiwi	Whenever needed	1 L (1.2 kg)	150-200 ml

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER Mn. Fill the tank with sufficient water, mix well, and apply.

Mixability:

Not compatible with strong alkaline or strongly acidic products.

Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(UREA FORMALDEHYDE NITROGEN FERTILIZER SOLUTION)

SUSTAFER NITRO TN

Content	%W/W
Total Nitrogen (N)	%28
Urea Nitrogen (N)	%11
Urea Formaldehyde Nitrogen (N)	%17



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER NITRO TN is an advanced liquid nitrogen fertilizer containing (triazone) nitrogen, designed to provide long-term and controlled nitrogen nutrition to plants. Its slow-release structure minimizes nitrogen losses, optimizes nitrogen uptake, and increases yield. It reduces water loss in the soil and contributes to organic matter formation, thereby extending irrigation intervals and reducing irrigation and fertilization costs.



2. Product Features:

- Controlled-release nitrogen technology (Triazone N)
- Reduces leaching and volatilization losses
- Rapidly absorbed by plants with long-lasting effectiveness
- Suitable for foliar, drip irrigation, and sprinkler applications
- Safely used in all fruit, vegetable, field crop, vineyard, and greenhouse productions
- Resistant formulation against soil and climatic conditions
- Does not crystallize and does not clog spraying systems
- Improves soil moisture retention, extends irrigation intervals, and reduces irrigation frequency



3. Product Benefits:

- Provides strong and rapid effects on plant development
- Enhances vegetative growth, strong root development, and healthy shoots
- Ensures long-term nutrition through slow and balanced nitrogen release
- Supports fruit set and fruit size (regulates thinning period)
- Increases nitrogen use efficiency – higher yield with less fertilizer
- Improves dark green color, vitality, and stress tolerance
- Supports plants against cold, heat, disease, and transplant stress
- Maintains soil moisture, reduces irrigation needs, and improves fertilizer efficiency



EC FERTILIZER
(UREA FORMALDEHYDE NITROGEN FERTILIZER SOLUTION)

SUSTAFER NITRO TN

Content	%W/W
Total Nitrogen (N)	%28
Urea Nitrogen (N)	%11
Urea Formaldehyde Nitrogen (N)	%17



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar - Soil

4. Areas of Use and Application Rates:

Crop	Application Period	Soil Application	Foliation Application
Greenhouse and Open-Field Vegetables (Tomato, Pepper, Cucumber, Eggplant, Bean, Strawberry, etc.)	Start one week after transplanting and continue until fruit maturity; 3-4 applications	35 L/da (3.726.2 kg)	200300 ml/da (250372 g) with 100 L water
Leafy Winter Vegetables (Lettuce, Iceberg, Cabbage, Spinach, etc.)	3-4 applications during vegetation	12 L/da (1.242.5 kg)	200250 ml/da (250310 g)
Tuber Crops (Sugar Beet, Potato, Onion, Garlic, etc.)	First application after hoeing, second application 15-20 days later	12 L/da (1.242.5 kg)	200250 ml/da (250310 g)
All Fruit Trees, Olive, Vineyard, Hazelnut, Citrus, etc. (Peach, Apricot, Cherry, Plum, Apple, Pear, Quince, Citrus)	3-4 applications during vegetation	37 L/da (3.728.68 kg)	200300 ml/da (250372 g) with 100 L water
Industrial Crops (Cotton, Sunflower, etc.)	From the 68 leaf stage; 2-3 applications	12 L/da (1.242.5 kg)	200350 ml/da (250310 g)
Legumes (Chickpea, Bean, Lentil, Soybean, etc.)	2-3 applications during growth	13 L/da (1.243.72 kg)	200250 ml/da (250310 g)
Cereals (Corn, Wheat, Barley, Rice, etc.)	Tillering and stem elongation stages; 2 applications	35 L/da (3.726.2 kg)	200250 ml/da (232290 g) with 100 L water

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER NITRO TN, then complete the tank with sufficient water, mix thoroughly, and apply.

Compatibility:

Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(NITROGEN FERTILIZER SOLUTION)

SUSTAFER NITRO

Content	%W/W
Total N	%15
NH ₄ +N	%7,5
NH ₃ -N	%7,5



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

Sustafer NITRO – Reaction produced Ammonium Nitrate is a high-solubility nitrogen solution formulated to meet the plant's rapid nitrogen requirements. It is a reaction product. Since it does not contain the anti-caking coating found in solid ammonium nitrate, plant uptake is faster. By providing two different nitrogen forms simultaneously—ammonium (NH₄⁺) and nitrate (NO₃⁻)—it ensures both rapid action and medium-term nutrition. It promotes strong and rapid vegetative growth, increases yield and quality, and can be used during both vegetative and generative growth stages.

2. Product Features:

- Contains fast-absorbing nitrate nitrogen.
- Provides balanced growth with ammonium nitrogen offering medium-term effect.
- Highly absorbable by plants.
- Forms a stable structure in soil, reducing nitrogen losses.
- Safely used in all vegetables, fruits, field crops, vineyards, and greenhouse production.
- Compatible with irrigation systems; does not crystallize.
- Accelerates root development and vegetative growth.



3. Product Benefits:

- Provides rapid nitrogen supplementation.
- Enhances vegetative growth.
- Supports flowering and fruit set.
- Increases yield and crop quality.
- Strengthens plants under stress conditions.
- Rapidly eliminates nitrogen deficiency symptoms.
- Ensures stronger stems and leaf structure.



EC FERTILIZER
(NITROGEN FERTILIZER SOLUTION)

SUSTAFER NITRO

Content	%W/W
Total N	%15
NH 4+N	%7,5
NH 3-N	%7,5



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil

4. Areas of Use and Application Rates:

Crop	Application Period	Soil Application	Foliation Application
Greenhouse & Open-Field Vegetables (Tomato, Pepper, Cucumber, Eggplant, Bean, Strawberry, etc.)	Start one week after transplanting seedlings and continue until fruit maturity; 3-4 applications.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Leafy Winter Vegetables (Lettuce, Iceberg, Cabbage, Spinach, etc.)	3-4 applications during vegetation.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Tuber Crops (Sugar Beet, Potato, Onion, Garlic, etc.)	First application after hoeing, second application 15-20 days later.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Melon, Watermelon, Squash	At runner formation and fruit set; 3-4 applications.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
All Fruit Trees (Peach, Apricot, Cherry, Plum, Apple, Pear, Quince, Citrus)	3-4 applications during vegetation.	8-15 L (9,28-17,4 kg)	250-300 ml (290-348g)
Avocado	3-4 applications during vegetation.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Banana	From one month after planting until harvest; 3-4 applications.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Industrial Crops (Cotton, Sunflower, etc.)	From when plant height reaches 1520 cm; 2-3 applications.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Legumes (Chickpea, Bean, Lentil, Soybean, etc.)	2-3 applications during growth.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)
Cereals (Corn, Wheat, Barley, Rice, etc.)	Tillering and stem elongation stages; 2 applications.	4-7 L (4,64-8,12 kg)	200-250 ml (232-290g)

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER NITRO, then complete the tank with sufficient water, mix thoroughly, and apply.

Compatibility:

Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(PK FERTILIZER SOLUTION 0-30-5)

SUSTAFER Phospho

Content	%W/W
P ₂ O ₅	%30
K ₂ O	%5



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER PHOSPHO is a high-performance, multifunctional phosphorus fertilizer developed to meet the phosphorus requirements of all vegetable, fruit, and field crops. It is composed of phosphate compounds with a polyhydroxy phosphate structure. Thanks to its chelation effect, it keeps both soil minerals and phosphorus in a mobilized and plant-available form. It plays a critical role in strong root development, flowering, fruit set, and energy production. It operates effectively across a wide pH range and is rapidly absorbed by plants.

2. Product Features:

- Provides high phosphorus uptake due to its polyphosphoric acid structure.
- Regulates soil pH thanks to its buffering capacity.
- Supplies inorganic and organic phosphorus simultaneously.
- Facilitates nutrient uptake by plants.
- Supports easier solubilization of nutrients in the soil.



3. Product Benefits:

- Promotes strong root and stem development.
- Accelerates root growth and strengthens early growth stages.
- Increases flowering and fruit set.
- Supports flowering, seed formation, and fruit enlargement.
- Enhances tolerance to environmental stresses.
- Boosts energy production, enabling rapid plant development.
- Increases yield and improves crop quality.
- Enhances plant resistance under stress conditions.



EC FERTILIZER
(PK FERTILIZER SOLUTION 0-30-5)

SUSTAFER Phospho

Content	%W/W
P_2O_5	%30
K_2O	%5



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



4. Areas of Use and Application Rates:

Crop	Application Period	Soil Application	Foliation Application
Greenhouse and Open-Field Vegetables (Tomato, Pepper, Cucumber, Eggplant, Bean, Strawberry, etc.)	Start one week after transplanting and continue until fruit maturity; 3-4 applications	12 L/da (1.39-2.78 kg)	200-250 ml/da (278-347 g)
Leafy Winter Vegetables (Lettuce, Iceberg, Cabbage, Spinach, etc.)	3-4 applications during vegetation	12 L/da (1.39-2.78 kg)	200-250 ml/da (278-347 g)
Tuber Crops (Sugar Beet, Potato, Onion, Garlic, etc.)	First application after hoeing, second application 15-20 days later	12 L/da (1.39-2.78 kg)	200-250 ml/da (278-347 g)
Melon, Watermelon, Squash	At runner formation and fruit set; 3-4 applications	12 L/da (1.39-2.78 kg)	200-250 ml/da (278-347 g)
All Fruit Trees, Olive, Vineyard, Hazelnut, Citrus, etc. (Peach, Apricot, Cherry, Plum, Apple, Pear, Quince, Citrus)	3-4 applications during vegetation	22.5 L/da (2.78-3.47 kg)	250-300 ml/da (347-417 g)
Avocado	3-4 applications during vegetation	22.5 L/da (2.78-3.47 kg)	250-300 ml/da (347-417 g)
Banana	From one month after planting until harvest; 3-4 applications	12 L/da (1.39-2.78 kg)	250-300 ml/da (347-417 g)
Industrial Crops (Cotton, Sunflower, etc.)	From when plant height reaches 15-20 cm; 2-3 applications	12 L/da (1.39-2.78 kg)	150-200 ml/da (208-278 g)
Legumes (Chickpea, Bean, Lentil, Soybean, etc.)	2-3 applications during growth	12 L/da (1.39-2.78 kg)	150-200 ml/da (208-278 g)
Cereals (Corn, Wheat, Barley, Rice, etc.)	Tillering and stem elongation stages; 2 applications	12 L/da (1.39-2.78 kg)	150-200 ml/da (208-278 g)

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER PHOSPHO 0-30-5, then complete the tank with sufficient water, mix thoroughly, and apply.

Compatibility:

Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(LIQUID MICRO NUTRIENT MIX)

SUSTAFER TRACE 5M

Content	%W/W
Water Soluble Copper (Cu)(EDTA chelated)	%0,7
Water Soluble Iron (Fe) (Oxy Chelated)	%2,3
Water Soluble Manganese (Mn) (EDTA chelated)	%0,7
Water Soluble Molybdenum (Mo)	%0,05
Water Soluble Zinc (Zn) (EDTA chelated)	%0,7
pH Stability Range	3-10



Packaging

1Liter & 5Liters
20Liters & IBC



Application Method

Foliar & Soil



1. Product Description:

SUSTAFER TRACE-5M is a high-chelated micronutrient mixture formulated to meet the micronutrient requirements of plants in a single product, with enhanced solubility across different soil types. The iron (Fe), zinc (Zn), manganese (Mn), copper (Cu), and molybdenum (Mo) contained in the formulation play essential roles at all critical stages of plant growth. As all elements are fully water-soluble and in chelated form, they are rapidly absorbed by plants and quickly correct micronutrient deficiencies.

2. Product Features:

- Balanced formulation of 5 micronutrients in a single product.
- High absorption efficiency due to EDTA-AA chelate structure.
- Stable over a wide pH range.
- Rapidly eliminates micronutrient deficiencies.
- Enhances chlorophyll synthesis and enzyme activities.
- Safely applicable to vegetables, fruits, and field crops.



3. Product Benefits:

- Quickly corrects zinc, manganese, copper, and iron deficiencies.
- Promotes healthy green leaf tissue.
- Enhances root and shoot development.
- Improves flowering and fruit set.
- Increases plant stress tolerance.
- Improves yield and crop quality.



EC FERTILIZER
(LIQUID MICRO NUTRIENT MIX)

SUSTAFER TRACE 5M

Content	%W/W
Water Soluble Copper (Cu)(EDTA chelated)	%0,7
Water Soluble Iron (Fe) (Oxy Chelated)	%2,3
Water Soluble Manganese (Mn) (EDTA chelated)	%0,7
Water Soluble Molybdenum (Mo)	%0,05
Water Soluble Zinc (Zn) (EDTA chelated)	%0,7
pH Stability Range	3-10



Packaging

1Liter & 5Liters

20Liters & IBC



Application Method

Foliar & Soil

4. Areas of Use and Application Rates:

Crop	Soil Drip Irrigation	Foliar Application
Cut Flowers	250-350 ml/da (300-420 g)	150-200 ml/da (180-240 g)
Open-Field Vegetables	500-1500 ml/da (600-1800 g)	250-350 ml/da (300-420 g)
Greenhouse Vegetables	500-1500 ml/da (600-1800 g)	200-300 ml/da (240-360 g)
Pome Fruits	1000-1500 ml/da (1200-1800 g)	250-350 ml/da (300-420 g)
Stone Fruits	1000-1500 ml/da (1200-1800 g)	200-300 ml/da (240-360 g)
Citrus, Olive, Vineyards	500-600 ml/da (600-720 g)	300-400 ml/da (360-480 g)
Industrial Crops	500-600 ml/da (600-720 g)	250-300 ml/da (300-360 g)

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER TRACE-5M, then complete the tank with sufficient water, mix thoroughly, and apply.

Compatibility:

Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

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EC FERTILIZER
(ZINC & MANGANESE LIQUID MICRO NUTRIENT MIX)

SUSTAFER ZinMan

Content	%W/W
Mn	%2
Zn	%2



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



1. Product Description:

SUSTAFER ZinMan is a plant nutrition product developed to increase stress tolerance, enhance yield, and improve plant resilience during growth periods. Its formulation is enriched with chelated micronutrients and special nutrient complexes that help plants reach their natural potential, accelerate development, and minimize the negative effects of stress conditions. It supplies zinc (Zn) and manganese (Mn), which are essential for the regulation of enzymatic activities. It supports and stabilizes plant physiology.

2. Product Features:

- Provides maximum growth support.
- Increases plant stress tolerance.
- Protects plants against salinity, temperature fluctuations, and irregular irrigation.
- Supplies the right support at the right time during plant development.
- Ensures high yield and product quality under all conditions.
- Accelerates and balances natural growth processes.



3. Product Benefits:

- Accelerates ATP synthesis and increases energy production thanks to taurine.
- Enhances stress tolerance and plant resilience.
- Maintains osmotic balance and increases drought resistance.
- Provides natural chelating effects that improve micronutrient uptake.
- Strengthens enzymatic activities.
- Stimulates growth and flowering.



EC FERTILIZER
(ZINC & MANGANESE LIQUID MICRO NUTRIENT MIX)

SUSTAFER

ZinMan

Content	%W/W
Mn	%2
Zn	%2



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil

4. Areas of Use and Application Rates:

Crop	Soil Application	Foliation Application
Cut Flowers	500–1500 ml/da (575–1725 g)	250–350 ml/da (290–402 g)
Greenhouse Vegetables	500–1500 ml/da (575–1725 g)	200–300 ml/da (230–345 g)
Pome Fruits	1000–1500 ml/da (1150–1725 g)	250–350 ml/da (290–402 g)
Stone Fruits	1000–1500 ml/da (1150–1725 g)	200–300 ml/da (230–345 g)
Citrus, Olive, Vineyards	500–600 ml/da (575–690 g)	300–400 ml/da (345–460 g)
Vineyards	500–1500 ml/da (575–1725 g)	250–300 ml/da (290–345 g)
Industrial Crops	500–600 ml/da (575–690 g)	250–300 ml/da (290–345 g)

5. Preparation and Application:

Fill the application tank partially with water. Add the recommended amount of SUSTAFER ZinMan, then complete the tank with sufficient water, mix thoroughly, and apply.

Compatibility:

Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

PROAKTİV KİMYA A.Ş.

Büyükesence Mahallesi 42 nolu Sokak No:7 Erenler / Sakarya - TÜRKİYE
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EC FERTILIZER
(ZINC FERTILIZER SOLUTION / Contains Zn-EDTA)

SUSTAFER Zn

Content	%W/W
EDTA Chelated Zn	%2,5
Water Soluble Zn	%2,5
pH Stability Range	pH 4-9



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil

1. Product Description:

SUSTAFER Zn is a highly absorbable EDTA-chelated zinc solution formulated to eliminate zinc deficiency in plants, support the synthesis of growth hormones, and ensure strong and healthy development. Thanks to its stable structure over a wide pH range, it is rapidly and efficiently absorbed by plants at maximum levels. It quickly corrects zinc-deficiency-related stunting, shoot development disorders, and leaf deformities.



2. Product Features:

- High solubility and maximum uptake thanks to EDTA chelation
- Chelate stability: pH 4-12
- Supports auxin synthesis in plants
- Strengthens plants under cold stress and during the pre-flowering period
- Eliminates chlorosis, size reduction, and deformities caused by zinc deficiency
- Accelerates fruit and shoot development



3. Product Benefits:

- Enhances the synthesis of growth hormones
- Supports shoot development and tillering
- Promotes healthy tissue development in leaves
- Rapidly corrects all symptoms of zinc deficiency
- Increases yield and product quality



EC FERTILIZER
(ZINC FERTILIZER SOLUTION / Contains Zn-EDTA)

SUSTAFER

Zn

Content	%W/W
EDTA Chelated Zn	%2,5
Water Soluble Zn	%2,5
pH Stability Range	pH 4-9



Packaging
1Liter & 5Liters
20Liters & IBC



Application Method
Foliar & Soil



4. Areas of Use and Application Rates:

Crop	Application Period	Soil Application (per decare)	Foliar Application (per 100 L water)
Cotton	Before and after flowering	11.5 L (1.2-1.8 kg)	300-400 ml (360-480 g)
Cereals	From early emergence	11.5 L (1.2-1.8 kg)	300-400 ml (360-480 g)
Apricot, Peach	Immediately after flowering	11.5 L (1.2-1.8 kg)	400-500 ml (480-600 g)
Pistachio	Immediately after flowering	11.5 L (1.2-1.8 kg)	300-400 ml (360-480 g)
Vineyard	After first leaf formation	1L (1.2 kg)	250-350 ml (300-420 g)
Tomato, Pepper, Cucumber, Eggplant	From early emergence	12 L (1.2-2.4 kg)	300-400 ml (360-480 g)
Sugar Beet	When needed	12 L (1.2-2.4 kg)	300-400 ml (360-480 g)

5. Preparation and Application:

Add a certain amount of water to the application tank. After adding the recommended amount of SUSTAFER Zn, fill the tank with sufficient water, mix thoroughly, and apply.

Compatibility: Not compatible with strongly alkaline or strongly acidic products. Can be applied together with herbicides.



- Manufacturer -

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