

Fertiline®

For future generations



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ABOUT ANADOLU ÇİM

As Anadolu Çim Sanayi ve Ticaret Limited Şirketi, since our foundation in 2007, we have been producing integrated solutions to the needs of grass breeders, and offering technological, efficient, lucrative and sustainable products in three main lines of business, seed growing, plant nutrition and leisure gardening, backed up by a large and highly-specialized technical support team

“Greening life with quality”

Anadolu Çim, which set out with the principles of quality products, organic chemistry and healthy lives, continues to touch lives with its technical sales and R&D team, each of whom is an expert in their field. Aiming to make a difference in all areas of life with happy farmers, children growing up healthy and safely, and pleasant green areas, Anadolu Çim team also enriches life in the fields of seeds, grass and fertilizer with its strong brands. While it responds to the needs of producers and consumers from all segments of society in multiple areas such as grass seeds, meadow, pasture and forage plants, and fertilizer, it also brings quality brands such as Fertiline, Tahoma, Tifsport, Suncare to the domestic market. In today's world where sustainability is an obligation rather than a need, Anadolu Çim, which is ahead of all its competitors today with its products that allow you to produce by prioritizing health while protecting green and nature in every aspect of life, is with you to leave your mark on tomorrow's nature.

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**GUARANTEED CONTENT**

Total Organical Matter	: % 30
Free Amino Acids	: % 15
Organic Nitrogen (N)	: % 6
Organic Nitrogen (N)	: % 2,5
pH	: 4-5

- Excel contains 16 different amino acids in the formulation.
- These ready amino acids given to the plant are rapidly converted to protein.
- Efficiency and harmony to environmental conditions increases.
- Protects plant from the stress conditions.
- Increases the utilization of the nutrients that are applied together.
- Helps to pollination and fruit setting.

**RECOMMENDATION FOR APPLICATION:**

Crop	Application	Recommendation
FIELD CROPS	Apply as a foliar spray, two to for times during the growing season	75-100 cc/da
VEGETABLES OPEN FIELD	Apply as a foliar spray, two to for times during the growing season	75-100 cc/da
VEGETABLES GREENHOUSE	Apply as a foliar spray, two to for times during the growing season	100-120 cc/da
FRUITS	Apply as a foliar spray, two to for times during the growing season	60-120 cc/da
GEEN FIELD, GRASS	Apply as a foliar spray, two to for times during the growing season	75-100 cc/da



GUARANTEED CONTENT

Total Nitrogen (N)	: % 12
Urea Nitrogen [N-CO(NH ₂) ₂]	: % 12
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	: % 8
Water Soluble Copper (Cu)	: % 0,02
Water Soluble Iron (Fe)	: % 0,02
Water Soluble Manganese (Mn)	: % 0,01
Water Soluble Zinc (Zn)	: % 4

% (w/w)

Total Nitrogen (N)	: % 12
Urea Nitrogen [N-CO(NH ₂) ₂]	: % 12
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	: % 8
Water Soluble Copper (Cu)	: % 0,02
Water Soluble Iron (Fe)	: % 0,02
Water Soluble Manganese (Mn)	: % 0,01
Water Soluble Zinc (Zn)	: % 4

- High content of nitrogen provides N requirement for plants.
- Key increases enzyme synthesis in the plant.
- Prevents dwarf plants and small leaf formation.
- According to its special formulation, it prevents yield losses rapidly to the applied plant that is caused by zinc deficiency.
- Increases flowering.
- Enables rapid growth for dwarf and slow growing plants.



Crop	Dose (cc/da)	App.	Application Time
COTTON	200-250	1-2	10 days prior to flowering and during boll
GRAPES	200-250	1-2	During foliation and fruit set
CİTRUS	200-250	2	Spring shoot and fruit set
TOBACCO	150-200	1	Two weeks after planting
VEGETABLES	150-200	2	Before flowering
FRUIT TREES	150-200	2-3	1 application in a 2 weeks starting from the leafing period
POTATOES	200-250	2-3	1 application in a 2 weeks starting from the flowering
CERALS	200-250	1	Before staking and grain settling
GREENHOUSE	150-200	3-4	1 application in 2 weeks from the beginning of the development period
OLİVE	200-250	1-2	1 application prior to flowering, 1 application fruit set
WATERMELON	200-250	1-2	2 application fruit set
STRAWBERRY	250-300	1-2	2 application fruit set
GREEN FIELD	200-250	2-3	2-3 application from spring





GUARANTEED CONTENT

	% (w/w)
Total Nitrogen (N)	: % 5
Urea Nitrogen [N-CO(NH ₂) ₂]	: % 5
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	: % 30
Water Soluble Copper (Cu)	: % 0,02
Water Soluble Iron (Fe)	: % 0,02
Water Soluble Manganese (Mn)	: % 0,01
Water Soluble Zinc (Zn)	: % 0,02

- Due to high phosphorus content, it supports and increases flowering.
- Decreases pH in high pH'ed waters.
- It increases effectiveness of agrochemicals by decreasing pH of spraying waters.

RECOMMENDATION FOR APPLICATION:

CROP	DOSE CC/100 LT	APP.	APPLICATION TIME
COTTON	200-300	1	1 application prior to flowering
GRAPES	250-300	2	2 application prior to flowering
CİTRUS	250-300	1-2	1-2 application prior to flowering
TOBACCO	250-300	2	2 application during the growing season.
VEGETABLES	200-250	3-4	3 to 4 times during the growing season.
FRUIT TREES	250-300	2-3	1 application in a 2 weeks starting from the leafing period
POTATOES	250-300	1	1 application prior to flowering
CEREALS	150-200	1	Before staking and grain settling
GREENHOUSE	400-450	3-4	1 application in 2 weeks from the beginning of the development period
OLİVE	300-350	1-2	1-2 application prior to flowering,
WATERMELON	200-250	1-2	2 application prior to flowering,
STRAWBERRY	250-300	1-2	2 application prior to fruit set
GREEN FIELD	200-300	2-3	2 application from spring





GUARANTEED CONTENT

Total Organic Matter
Alginic Acid
Water Soluble Potassium Oxide (K₂O)
EC
pH

% (w/w)
: % 5
: % 0,2
: % 5
: 10.3 dS/m
: 8-10

- Due to alginic acid content in the formulation, it is efficient on soil and plant.
- When foliar applied, it increases uptake of plant nutrients.
- Bella regulates soil pH. It increases water holding capacity.
- Supports root development and increases capillary root.
- Fastens uptaken of plant nutrients from roots to plants.
- Contains in different levels of plant growth compounds, mineral products and carbohydrates.



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION TIME	FOLIAR DOSE
COTTON	the first application at 4-6-leaf stage. Follow up with applications, 2-3 times fortnightly	200-250 cc/da
GRAPES	3 to 4 times during the growing season.	150 -200 cc/da
CİTRUS	2-3 application from beginning flowering	250-300 cc/da
SUGARBEET	2 application during the growing season.	150 -200 cc/da
VEGETABLES	2-3 application from beginning flowering, fortnightly	150 -200 cc/da
FRUIT TREES	2-3 application from starting shoot development, fortnightly	200-250 cc/da
POTATOES	Apply 14 day intervals during periods of vegetative growth	150 -200 cc/da
CEREALS	2 application tillering and stem elongation	150 -200 cc/da
GREENHOUSE	2-4 application from planting to harvest	200-250 cc/da
MAİZE	2 application during the growing season	200-250 cc/da
STRAWBERRY	3-4 application intervals 20-30 days from planting	150 -200 cc/da
GREEN FIELD	from spring at intervals of 20-30 days	150 -200 cc/da
SEED APPLICATION	Depending on the seed size, 5 cc of BELLA is added to 1 liter of water and the seeds are kept for 1 hour. Planting is done after it dries slightly.	



**GUARANTEED CONTENT**

Water Soluble Calcium Oxide (CaO)
Water Soluble Boron (B)

% (w/w)

: % 12,6
: % 0,15

- Guard contains high level of calcium and boron that is required for the plant.
- Due to special formulation it shows affect in a short time in the plant.
- Calcium content ables plants cell walls to be strengthen.
- Boron content helps increasing plant germination.
- Increases storage capacity and prevents late harvest losses.
- Prevents serious loss of yields due to calcium deficiency.
- Prevents bitter pit problem on apple plants and blossom-end rot problem on tomato, pepper, watermelon etc.

Application Modes and Doses**THROUGH SOIL**

For seed germination and seedling radication: Applied using Migg drip irrigation with a dose of 3 lt/da when seed planting or before transplanting the seedlings. If such application is not possible, it is mixed into the paleo water for the seedlings at a dose of 2.5 lt/da and poured onto the root pit.

Vegetables (tomato, pepper, cucumber, eggplant), strawberry watermelon, banana and cut flowers:

Applied at a dose of 2.5 lt/da for each application during pre-inflorescence, post-inflorescence, fruit bearing and pre-harvest periods.

For fruit trees and vineyards: Applied at a rate of 8 lt/da 10 to 15 days before inflorescence, 8 lt/da 10 to 15 days before the emergence of summer shoots, and 5 lt/da 10 to 15 days before harvest.

Citrus:

For sapling planting: Applied at a rate of 100 cc/sapling 5 to 6 days after planting.

1-2 years old: First application at a rate of 100 cc in spring, second application at a rate of 100 cc 30 to 40 days later.

3-5 years old: Applied 3 times with the first application at a rate of 125 cc in spring, and later applications at 30 to 40-day intervals.

6 years old and older: Applied at a rate of 10lt/da for each application, with first application 10 to 15 days before inflorescence, and the second application 10 to 15 days before June defoliation or at the end of summer offshoot activity.

Foliar

Citrus; 400-500cc/100lt. Single application after first offshoot activity and inflorescence.

Vineyard; 300-350cc/100lt. Single application during foliation, and 2 applications after seed setting.

Cotton; 250-300cc/da Single application both before and after earing.

Vegetables; 250-300cc/da Applied twice throughout growth period.

Fruit Trees; 300-350cc/100lt. Applied once every 2 weeks with offshoot activity period.

Apple; 400-500cc/da 1 to 2 applications after inflorescence.

Potato; 200-300cc/da 2 to 3 applications during tuberization.

Greenhouse Products; 350-400cc/da Applied once every 2 weeks starting from early growth period.

Tomato; 400-500cc/da Applied once every 2 weeks starting from early growth period.

Watermelon-Melon; 300- 350cc/da Single application both before and after inflorescence.

Beet; 200-300cc/da 2 to 3 applications during tuberization.

Olive; 150-200cc/da Single application after fruit setting.

Strawberry; 350- 400cc/da Single application both before and after inflorescence.

Green Areas; 200-250 cc/da Applied 2 to 3 times starting from spring





GUARANTEED CONTENT

Total Nitrogen (N)	: % 10
Ammonium Nitrogen (N-NH ₄)	: % 1,5
Nitrate Nitrogen (N-NO ₃)	: % 1,1
Urea Nitrogen [N-CO(NH ₂) ₂]	: % 7,4
Water Soluble Phosphorus Pentoxide (P ₂ O ₅)	: % 5
Water Soluble Potassium Oxide (K ₂ O)	: % 5
Water Soluble Copper (Cu)	: % 0,02
Water Soluble Iron (Fe)	: % 0,02
Water Soluble Manganese (Mn)	: % 0,01
Water Soluble Zinc (Zn)	: % 0,02

- Unique ables to uptake nutrients by foliar application more easily that is necessary for plants.
- Ables balanced and economical nutrition by macro and micro nutrients.
- Increases efficiency of other applied fertilizers.
- Can be used in all foliar applications as basic NPK and micronutrient formulations.

RECOMMENDATION FOR APPLICATION:

CROP	DOSE CC/100 LT	APP.	APPLICATION TIME
COTTON	250-300	1	1 application prior to flowering
GRAPES	250-300	2	2 application prior to flowering and foliation
CİTRUS	300-400	2-3	prior to flowering and formation shoots
TOBACCO	250-300	2	2 application during the growing season.
VEGETABLES, PULES	300-400	3-4	3 to 4 times during the growing season.
FRUIT TREES	250-300	2-3	2-3 application fortnightly from beginnig of shoot devolpment
POTATOES	200-250	1	1 application prior to flowering
CEREALS	200-300	1-2	tillering and stem elongation
GREENHOUSE	400-500	3-4	1 application in 2 weeks from the beginning of the development period
OLİVE	300-350	1-2	1-2 application prior to flowering,
SUNFLOWER	200-300	1-2	1 application when the plants have 3-4 leaves, and one application 3-4 weeks after this application.
WATERMELON	250-300	1-2	2 application after foliation
STRAWBERRY	150-200	1-2	2 application prior to fruit set
GREEN FIELD	200-25000	2-3	2 application from spring





GUARANTEED CONTENT
Water Soluble Potassium Oxide₂

% (w/w)
: % 30

CHLORINE FREE

- Pivott-K contains high level of potassium, which is important nutrient for the plants.
- Potassium is directly important to efficiency and fruit quality.
- Increases fruit taste, aroma, fruit size.
- Get Fruit colour better and shinny
- Able resistance to drought by maintaining good water balance.
- Able resistance to the stress that can be caused by environmental conditions.
- Plant efficiency rises.
- Storage capacity increases.

RECOMMENDATION FOR APPLICATION:

	APPLICATION	SOİL APPLİCATION	FOLİAR gr/da
GREENHOUSE AND OPEN FIELD VEGETABLES	3-4 application from transplanting to fruit maturation	1-3 lt/da	300-500
LEAF EDİBLE WİNTER VEGETABLES	3-4 application at growing season	1-3 lt/da	200-400
TUBEROUS PLANTS	1st application after anchoring, 2nd application after 15-20 days	1-3 lt/da	300-400
ALL FRUİT TREES	3-4 application at active vegetative growth	1-3 lt/da	300-500
ALL LEGUMES	3-4 application at growing season	1-3 lt/da	300-400
INDUSTRIAL PLANTS (COTTON, SUNFLOWER)	2-3 application after the period when the plant height is 15-20 cm	1-3 lt/da	200-400
BANANA	3-4 application after transplanting	3-6 lt/da	600-800
CEREALS	2 application at tillering and stem elongation	1-3 lt/da	200-300
GEEN FİELD, GRASS	during the growing season	1-3 lt/da	300-400



GUARANTEED CONTENT

Water Soluble Boron (B)
Water Soluble Zinc (Zn)

% (w/w)

: % 6

: % 6

- Zinc contained in the formulation prevents excessive accumulation of boron in plants and prevents it from creating toxic effects.
- In addition, it increases the effectiveness of hormones in the plant.
- It helps to encourage flowering, increase flower quality, turn flower into fruit and increase fruit set in plants.
- It helps to increase fruit bud productivity, fruit set and thus overall yield and quality.
- Overdose should never be done and application should be avoided during the hot hours of the day.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	Soil Application	Foliar Gr/100 lt
GREENHOUSE AND OPEN FIELD VEGETABLES	After the first fruits at intervals of 15 – 20 days	0,75-1 kg/da	150-200
LEAF EDIBLE WINTER VEGETABLES	at intervals of 15 – 20 days from the time they have 3 – 4 leaves	0,75-1 kg/da	150-200
TUBEROUS PLANTS	From the period with 4 – 6 leaves and at intervals of 15 – 20 days after the first fruits	1 kg/da	200-250
ALL FRUIT TREES	It is applied in two or three repetitions with the start of development.	1-1,5 kg/da	200-300
ALL LEGUMES	Apply it has at 5 – 6 leaves and after 15-20 days	1-1,5 kg/da	200-250
INDUSTRIAL PLANTS (COTTON, SUNFLOWER)	at intervals of 15 to 20 days from the time it has 5 – 6 leaves	1-1,5 kg/da	200-250
OLİVE	2-3 application from the beginning of the development period	0,75-1 kg/da	150-200
CEREALS	2 application at tillering and stem elongation	0,75-1 kg/da	150-200
GEEN FIELD, GRASS	during the growing season	0,75-1 kg/da	150-200



BORON



Fertiline®

GUARANTEED CONTENT
Water Soluble Boron (B)

% (w/w)
: % 10

- Boron can be applied for boron deficiency in plants.
- Prevents stress conditions in plants for boron deficiency.
- Enables plants to develop healthily.
- Increases RNA synthesis in plants.
- Increases efficiency in plants.
- Increases germination in plants.
- Prevents deformity due to boron deficiency.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	Foliar	Soil Application
WHEAT, BARLEY, PADDY	Applied with the tillering period.	75 – 100 cc	-
SUNFLOWER	Applied between the plants' two-leaf period and plant budding period. During this period, applied twice at 10- to 15-day intervals.	150 – 200 cc	200 – 250 cc
COTTON	Applied before boll development period.	100 – 200 cc	500 – 750 cc
POTATO, BEET, CARROT	Applied when the plant height is 10 to 15 cm or during the 4- or 5-leaf period.	100 – 150 cc	300 – 400 cc
BEAN, CHICKPEA, LENTIL	Applied throughout the growth period.	100 – 150 cc	300 – 400 cc
TOMATO, PEPPER, EGGPLANT	First application when the plant seedlings reached 4- or 5-leaf period and second application in day 10.	50 cc	75 – 150 cc
STONE FRUITS (PEACH, CHERRY, SOUR CHERRY, APRICOT, PLUM ETC.)	Applied in early spring when buds begin to swell before inflorescence period, and before defoliation after harvest. Do not apply during inflorescence period.	75 – 150 cc	150 – 250 cc
POME FRUITS (APPLE, PEAR, QUINCE ETC.)	Applied after fruits buds have swelled, after inflorescence, and after harvest before defoliation. Do not apply during inflorescence period.	75 – 150 cc	150 – 250 cc
OLIVE	Applied twice with first application before inflorescence and second application after inflorescence.	100 – 150 cc	150 – 200 cc
CITRUS FRUITS	Applied before inflorescence and after harvest.	100 – 150 cc	150 – 250 cc
STRAWBERRY	During white budding period	50 – 75 cc	150 – 200 cc
MELON, WATERMELON, SQUASH	Applied twice with first application after seedling and second application 15 days later.	75 cc	150 – 300 cc





GUARANTEED CONTENT

Organic Matter
Humic Acid +Fulvic Acid
Water Soluble Potassium Oxide (K₂O)
pH

% (w/w)

: % 8
: % 15
: % 1,5
: 10-12

- By regulating soil conditions, it increases root development.
- Detox helps to benefit from the nutrients that are connected to the soil.
- Prevents wash off in fertilizer applications.
- Provides increased structure and micro-organism activity of the soil.
- Prevents salinity in the soil.



CROP	APPLICATION TIME	SOİL APPLICATION	FOLİYAR
TOMATO, PEPPER, EGGPLANT	Applied at 20-day intervals starting from 10 to 15 days after planting until the end of harvest	500 – 700 cc	200 cc
CUCUMBER, MELON, SQUASH WATERMELON,	Applied during branching, fruit setting period and at 20 day-intervals afterwards	500 – 700 cc	200 – 250 cc
POTATO, ONİON, LETTUCE, SPİNACH, CARROT, PARSLEY, CABBAGE,	At 20-day intervals after plants reach 2- or 3-leaf period	500 – 700 cc	200 – 300 cc
BEAN, CHİCKPEA, BROAD BEAN	Applied at 15-day intervals after plants reach the height of 5 to 10 cm until inflorescence period, and then at 20-day intervals until the end of harvest	500 cc	200 – 300 cc
CİTRUS FRUİTS	Applied at 20-day intervals starting from new bud and leaf growth.	500 – 800 cc	200 – 300 cc
APPLE, PEAR, QUİNCE, APRİCOT, PEACH, PLUM, CHERRY, ALMOND, OLİVE	Applied at 20 to 30 day-intervals before inflorescence and after fruit setting periods.	100 cc/tree	500 – 800 cc
STRAWBERRY	Applied at 15 to 20-day intervals starting from early vegetation.	500 – 700 cc	200 – 300 cc
VİNEYARD	Applied when offshoots reach 10 to 15 cm, before inflorescence, and throughout seed setting and growth periods.	700 – 900 cc	200 – 300 cc
WHEAT, BARLEY, PADDY	Applied during tillering, bolting and earing periods.	500 – 700 cc	250 – 350 cc
CORN	Applied before planting or when plants reach the height of 10 to 15 cm and 8- to 10-leaf periods until the start of harvest period.	800 – 1000 cc	250 – 350 cc
COTTON	Applied at 20 to 25 day-intervals when plants reach 3- to 5-leaf period during bolling and later periods	500 – 700 cc	250 – 400 cc
ORNAMENTAL PLANT	Applied at 15 to 20-day intervals throughout vegetation period.	800 – 1000 cc	250 – 350 cc



GUARANTEED CONTENT	% (w/w)
Organic Matter	: % 35
Organik Karbon	: % 15
Total Nitrojen (N)	: % 1,5
Water Soluble Potasium Oxide (K ₂ O)	: % 3,5
pH	: 4-6

- Thanks to the organic matter (organic carbon) it contains at a high rate, it enriches the soil micro fauna.
- By increasing the permeability of heavy-textured soils, it swells the soil and helps aeration.
- It facilitates the uptake by the plant by releasing the plant nutrients that are bound in the soil.
- It provides easy intake by chelating-binding the nutrients that plants have difficulty in uptake.
- It lowers the pH of the soil.
- Increases soil organic matter content.



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOİL APPLICATION	FOLİAR ml/100 lt
GREENHOUSE AND OPEN FIELD VEGETABLES	After the first fruits at intervals of 15 – 20 days	1,5-2 lt/da	200-250
LEAF EDİBLE WİNTER VEGETABLES	At intervals of 15 – 20 days from the time they have 3 – 4 leaves	0,75-1lt/da	150-250
TUBEROUS PLANTS	From the period with 4 – 6 leaves and at intervals of 15 – 20 days after the first fruits	1,5-2 lt/da	200-250
ALL FRUİT TREES	It is applied in two or three repetitions with the start of development.	1,5-2 lt/da	200-250
ALL LEGUMES	Apply it has at 5 – 6 leaves and after 15-20 days	1,5-2 lt/da	200-250
INDUSTRIAL PLANTS (COTTON, SUNFLOWER)	At intervals of 15 to 20 days from the time it has 5 – 6 leaves	1,5-2 lt/da	200-250
CEREALS	2 application at tillering and stem elongation	1,5 lt/da	150-200
GEEN FİELD, GRASS	During the growing season	1,5 lt/da	150-200

GUARANTEED CONTENT
Water Soluble Copper (Cu)
Stable pH Range

% (w/w)
: % 8
: 2-10

- Contains 8% Copper (Cu), all chelated with gluconic acid.
- It is a liquid "systemic" copper fertilizer with a special structure that can be applied in all soil structures and climatic conditions and is easily and completely taken by the roots and leaves of the plants.
- It plays an active role in enzymatic synthesis and photosynthesis.
- It accelerates photosynthesis in the plant, so it ensures that the green parts are homogeneous in color; It also contributes to flower and fruit formation.
- It makes the plant more resistant to diseases and acts directly against diseases.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	Foliar ml (da/100 lt)	Soil Appl. ml/ da
OPEN FIELD VEGETABLES	2-3 application , planting – after flowering and growing season	100- 150	250-300
GREENHOUSE	2 application at seedbed 2-3 application after flowering and growing season	200- 250	300-350
LEAF EDIBLE WINTER VEGETABLES	2-3 application at growing season	100-200	250-300
DECIDUOUS FRUIT TREES	2-3 application, after pruning-bud formation and after fruit set	150-250	300-400
CITRUS	after pruning and before fruit drop in june	200- 250	300-400
ALL LEGUMES	3-4 application at growing season	200-300	300-400
INDUSTRIAL PLANTS (COTTON, SUNFLOWER)	1-3 application at growing season	200-300	350-400
OLIVE	After pruning, before spring and autumn rains	150-250	300-400
CEREALS	at tillering	-	200-250
GRAPES	After pruning and 2-3 application at intervals of 15 – 20 days growing season	100-200	250-300



GUARANTEED CONTENT	% (w/w)
pH	: % 5,6
Total Nitrogen (N)	: % 10,2
Nitrate Nitrogen (NO ₃ -N)	: % 10,2
Ammonium Nitrogen (NH ₄ -N)	: % <0,5
Water Soluble Calcium Oxide (CaO)	: % 17,4

- It is responsible for the permeability and elasticity of plant tissues.
- It increases the resistance of the plant against diseases, drought, frost and stress conditions by strengthening the cell wall.
- It is an essential nutrient for normal root development and flowering.
- Increases tissue permeability.
- It is used for the growth physiology of wheat, sunflower and sugar beet, against bitter speckle in apple, flower nose rot in tomato, fruit shrinkage and tip blackening in vineyard, against cotton comb casting, melting and cracking in vegetables.
- It is a nutrient element of good quality, long shelf and storage life, increasing resistance to transportation damage.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	soil APPLICATION	FOLIAR ml/100 lt
TOMATOES	After 10 days the first fruits at intervals of 8-10 days	0,5-1,5 lt/da	100-400
CUUCUMBER, PEPPER, COURGETTE	15 days intervals after fruit set to 1 week before harvest	0,5-1 lt /da	300-500
LEAF EDIBLE WINTER VEGETABLES	after the vegetables head formation started to several applications are made at 1 week intervals. In celery, the inner part of the plant is thoroughly soaked.	0,5-1 lt /da	300-500
WATERMELON	15 days intervals after fruit set to 15 days before harvest	0,5-1 lt /da	300-500
STRAWBERRY	2-3 application during the growing season with fungicide	0,5-1 lt /da	300-500
GRAPES	2-3 application from prior to flowering to 15 days intervals week harvest	0,5-1 lt /da	500-750
APPLE	6-7 application after fruit set to harvest	1,5 lt/da	300-500
CHERRY	2-3 application, from prior to 2 months from harvest to 15 days intervals	0,5-1 lt /da	150-200
PEACH	15 days intervals after fruit set to 1 week before harvest	0,5-1 lt /da	300-500



Elmada Kalsiyum Noksanlığı



Domateste Kalsiyum Noksanlığı

Guaranteed Content	% (w/w)
Total Nitrogen	% 8
Nitrate Nitrogen (NO ₃ -N)	% 8
Water Soluble Magnesium Oxide (MgO)	%10

- Magnesium, the central atom of chlorophyll, is one of the key elements that ensure the continuity of life with the important role it plays in photosynthesis.
- Magnesium participates in enzymatic reactions and helps energy production.
- It allows the plant to grow taller and prevents dwarfed development.
- It plays a very important role in the transport and placement of phosphorus.
- Nitrate facilitates magnesium uptake by the plant and increases its efficiency.
- Magnesium deficiency delays the development of plants and therefore yield and quality decrease.



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	FOLIAR ml (da/100 lt)	SOİL APPL. ml/ da
VEGETABLES	Budding period, fruit formation, during fruit growth period, 3 application	200-250	1500-2000
GREENHOUSE	Growing season from planting seedlings 2-3 applications	200- 300	1000-2000
ALL FRUIT TREES	Budding period, fruit formation, during fruit growth period, 3 application	250-300	2000-2500
INDUSTRIAL PLANTS (COTTON, SUNFLOWER EST.)	at intervals of 15 – 20 days from the time they have 3 – 4 leaves 2-3 application	200-300	1000-2000
OLİVE	1 application before flowering, after fruit set 2-3 applications	250-300	2000-2500
CEREALS	2-3 application at growing season	200- 300	1000-2000
GRAPES	2-3 application from starting shoot development, fortnightly	200- 300	1000-2000
BANANA	3-4 application at growing season	200- 300	1000-2000

Guaranted Conntent

Water Soluble Potassium Oxide (K2O)

% (w/w)

% 20

Thanks to the intense potassium ions it contains, it eliminates the potassium deficiency observed in the plant. Potassium is an element that increases the plant's resistance to adverse conditions.

It can be used in the following doses from the development period of the plant until ripening and harvest.

It increases fruit quality

It is an ideal product to eliminate the discoloration problem in fruits.

Increases aroma and sweetening in fruits and vegetables

Sweeter fruits. Better quality products.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOİL APPL.	FOLIAR
GREENHOUSE AND GREENHOUSE VEGETABLES	From fruit set to harvest	1 - 1,5 lt/da	150 - 200 cc /100 lt water
OPEN FIELD VEGETABLES TOMATO, EGGPLANT, PEPPER,BEANS, SALAD ETC.	From fruit set to harvest	1,5 - 2 lt/da	200 - 250 cc /100 lt water
MELON WATERMELON	From fruit set to harvest	1,5 - 2 lt/da	200 - 250 cc /100 lt water
SUGAR BEET, POTATO, ONİON, TURNİP, CARROT, GARLİC ETC.	From tuber formation to harvest	1,5 - 2 lt/da	250 - 300 cc /100 lt water
CUT FLORİCULTURE	From the beginning of coloration to harvest	1 - 1,5 lt/da	150 - 200 cc /100 lt water
STRAWBERRY	From fruit set to harvest	1,5 - 2 lt/da	250 - 300 cc /100 lt water
VİNEYARD	From fruit set to harvest	1,5 - 2 lt/da	250 - 300 cc /100 lt water
APPLE, PEAR, CHERRY, CHERRY, APRİCOT, ALMOND, HAZELNUT, WALNUT, PEACH, PİSTACHİO ETC.	From fruit set to harvest	2 - 2,5 lt/da	350 - 400 cc /100 lt water
CİTRUS, BANANA, OLİVE	From fruit set to harvest	2 - 2,5 lt/da	350 - 400 cc /100 lt water
WHEAT, CORN, PADDY SUNFLOWER, ANİSE ETC.	It's time to fill and grow grain		200 - 250 cc /100 lt water



GUARANTEED CONTENT	% (w/w)
Water Soluble Boron (B)	% 1
Water Soluble Copper (Cu)	% 1
Water Soluble Iron (Fe)	% 6
Water Soluble Manganese (Mn)	% 4
Water Soluble Molybdenum (Mo)	% 0,07
Water Soluble Zinc (Zn)	% 6

- Provides germination
- Prevents small leaf formation and dwarf plants caused by zinc deficiency.
- The product able plants to be more healthy and efficient.
- MIX 6 contains high level of main micronutrients.
- Micro element dispersion is balanced formulated.
- Prevents chlorosis caused by iron deficiency.
- Provides enzyme synthesis.



RECOMMENDATION FOR APPLICATION:

CROP	SOİL APPLICATION	FOLIAR	APPLICATION TIME
GREENHOUSE AND OPEN FIELD VEGETABLES	1 – 3kg/Da	300 – 500gr	Applied at 15 to 20-day intervals after initial fruits
WINTER VEGETABLES WITH EDIBLE LEAVES	1 – 3kg/Da	200 – 250gr	Applied at 15 to 20-day intervals starting from when plant reaches 3 or 4-leaf period.
TUBER PLANTS	1 – 3kg/Da	400 – 600gr	Applied at 15 to 20-day intervals starting from when plant reaches 4 or 6-leaf period and after initial fruits.
ALL FRUIT TREES	1 – 4kg/Da	300 – 400gr	Applied 2 to 3 times with the onset of growth.
INDUSTRIAL PLANTS	1 – 3kg/Da	300 – 400gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
ALL LEGUMES	1 – 3kg/Da	200 – 250gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
GRAINS	1 – 3kg/Da	200 – 250gr	Applied during tillering period
GREEN AREAS	1 – 3kg/Da	300 – 400gr	Applied every two weeks starting from early growth period.



GUARANTEED CONTENT	W/W
Water Soluble Boron (B)	% 1
Water Soluble Copper (Cu)	% 1
Water Soluble Iron(Fe)	% 7
Water Soluble Manganese (Mn)	% 5
Water Soluble Molybdenum (Mo)	% 0,05
Water Soluble Zinc(Zn)	% 7

Mix 6 Plus is recommend to apply in early stages due to micro element deficiency. Micro elements are necessary for plant development, high quality and yield. Micro element deficiency is occurred in most of fields Turkey's. Soil structure, pH of soil and moisture of soil could cause to deficiencies. Deficiency of micro elements cause to losses in yield by slowing down the amino acid synthesis and photosynthesis.

Mix 6 Plus is a quick soluble micro granul fertilizer and contains high percent of amino acid chealated micro elements.It provides high yield by its high iron, zinc, manganese, copper, borium and molibdenum content.

Mix 6 Plus could be mix with pesticides.It is absorbed by plants easily without effected from pH of soil or pH of solution. It could be used by all kind irrigation systems and by foliar application in all stages.It could applied safely in fruit development stage.



RECOMMENDATION FOR APPLICATION

CROP	SOİL APPLICATION	FOLIAR	APPLICATION TIME
OPEN FIELD, GREENHOUSE VEGETABLES Tomato, Pepper, Aubergine, Bean, Cucumber, Melon etc..	Along the season after transplant	0,5 – 1 kg / da	125 – 150 gr / 100 lt water
TUBEROUS PLANTS Beetroot, Radish, Potato, Onion, Carrot	Along the season	1 – 2 kg / da	125 – 150 gr / 100 lt water
FRUIT TREE Apple, Pear, Quince Cherry, Apricot, Peach CitrusTrees Olive, Pistachio	Along the season starting at 3-4 leaf stage	1 – 2 kg / da	125 – 150 gr / da
CORN, SUNFLOWER, WHEAT	After fruit set, along the harvest	Along the season 30 – 60 gr per tree	125 – 150 gr / 100 lt water
STRAWBERRY	Along the season after transplant		125 – 150 gr / 100 lt water
GRAPE	Starting at branch set	1 – 2 kg / da	125 – 150 gr / 100 lt water



GUARANTEED CONTENT	W/W
Water Soluble Iron (Fe)	% 2
Water Soluble Zinc (Zn)	% 0,5

- Contains micro nutrients with zinc and iron content and gives highly positive results when applied through leaves
- Zinc content is carried via xylem tissue and has a direct effect
- Zinc and iron are crucial elements in terms of plant physiology
- Zinc and iron play a very important role in protein synthesis, carbohydrate metabolism, IAA synthesis and in activating enzymes as a structural element

Thanks to its iron content:

- Enhances root growth and germination
- Triggers fruit growth and kernel development
- Corroborates plant resistance in extreme weather conditions
- Drives wheat tillering
- Increases boll growth
- For raisins, especially for seeded raisins, provides a stronger membrane structure and increases its resistance against cracks



RECOMMENDATION FOR APPLICATION

CROP	APPLICATION	FOLIAR	SOIL APPLICATION
Greenhouse and Open Field Vegetables (Pepper, Tomato, Eggplant, Melon, Watermelon and Cucumber)	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
In seedbeds	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
All Fruit Trees, Vineyards	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
Hazelnut, Banana and Citrus	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
In Ornamental Plants and Cut Flowers	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
Field Crops (Wheat, Corn, Tobacco, Sunflower, Paddy, Cotton etc.)	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da
Tuberous Plants (Potato, Carrot, Sugar Beet, Onion etc.)	With the start of development applied in two or three application	100 - 150 cc / 100 lt Water	300 cc/da

GUARANTEED CONTENT	W/W
Total Organic Matter:	% 15
Organic Carbon:	% 6
Total Nitrogen (N) :	% 1
Water Soluble Potassium Oxide (K ₂ O)	% 2
pH Range:	3,3-5,3

It is completely natural and organic fertilizer produced from the sap of the Yuka plant. The organic matter of the plant needs to be taken into the plant structure in its minerals other than Nitrogen and Potassium. Thanks to its content, it accelerates the transportation of water to the parts of the plant. The first is pure Yuka Plant fertilizer



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	FOLIAR (cc /100 lt water)	SOIL APPLICATION
GREENHOUSE AND OPEN FIELD VEGETABLES (Pepper, Tomato, Eggplant, Melon, watermelon and Cucumber)	It is used during the season starting from seedling planting	250 - 300	0,5-1 L / da
STRAWBERRY	With seed water in seedling planting and applied to seedling pillows.	300 - 400	1-1,5 L / da
ALL FRUIT TREES, VINEYARDS	The tree is applied throughout the season from waking.	250 - 300	1-2 L / da
BANANA	Starting with maintenance is used throughout the season	300 - 400	2-3 L / da
IN ORNAMENTAL PLANTS AND CUT FLOWERS	For 1 Kg Soil	200 - 300	1-3 cc / m ²
FIELD CROPS (wheat, corn, tobacco, sunflower, paddy, cotton etc.)	It is applied throughout the season from germination.	250 - 300	0,5-1 L / da
TUBEROUS PLANTS (potato, carrot, sugar beet, onion etc.)	It is applied throughout the season from germination.	300 - 400	1-2 L / da

GUARANTEED CONTENT

	W/W
Soluble Boron (B)	% 0,2
Soluble Copper (Cu)	% 0,5
Soluble Iron (Fe)	% 2
Soluble Manganese (Mn)	% 1,5
Soluble Molybdenum (Mo)	% 0,04
Soluble Zinc (Zn)	% 2

- Fertiline is a probiotic product containing Aqualine ME complex.
- It is recommended to start applying Fertiline Aqualine before nutrient deficiencies appear in plants. Microelements are necessary to ensure good plant development and to obtain abundant and quality products.
- Microelements, which can be deficient in plants depending on soil structure, pH and soil moisture, cause yield losses by causing amino acid synthesis and photosynthesis to slow down in the plant.
- With its rich content, Fertiline Aqualine will quickly compensate for any deficiencies that may occur in plants, preventing possible yield losses as well as increasing productivity.
- Fertiline Aqualine can be applied by mixing it with medications. It ensures that trace elements are easily absorbed by the plant without being affected by the pH of the soil or the pH of the spraying water.
- Fertiline Aqualine can be used safely in the soil and on the leaves at any time, with any irrigation system



Fertiline®
AQUALINE

EC FERTİLİZER
Bor (B), Bakır (Cu-Sülfat), Demir (Fe-Sülfat),
Mangan (Mn-Sülfat), Molibden (Mo) ve çinko (Zn-Sülfat)
SIVİ MİKRO İHTİJİ BESİN MADDELERİ KARŞISI

GARANTİ EDİLEN İÇERİK % (w/w)
Suda Çözünür Bor (B) : % 0,2
Suda Çözünür Bakır (Cu) : % 0,5
Suda Çözünür Demir (Fe) : % 2
Suda Çözünür Mangan (Mn) : % 1,5
Suda Çözünür Molibden (Mo) : % 0,04
Suda Çözünür Çinko (Zn) : % 2

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	FOLIAR (cc /100 lt water)	SOIL APPLICATION
GREENHOUSE AND OPEN FIELD VEGETABLES (pepper, tomato, eggplant, melon, watermelon and cucumber)	It is applied 2-3 times in 4-5 leaves stages till harvester.	250- 300	1,5 - 2
ALL VEGETABLES WHICH HAVE EDIBLE LEAVES	It is applied 2-3 times in 4-5 leaves stages till harvester.	250- 300	1,5 - 2
ALL FRUIT TREES, VINEYARDS	It is applied 2-3 times interval with 20 days starting with fruit bearing.	250- 300	1,5 - 2
IN ORNAMENTAL PLANTS AND CUT FLOWERS	It is applied 2-3 times interval of 30 days in growing period.	250- 300	1,5 - 2
FIELD CROPS (wheat, corn, tobacco, sunflower, paddy, cotton etc.)	It is applied 2-3 times in 4-5 leaves stages till harvester.	250- 300	1,5 - 2
TUBEROUS PLANTS (potato, carrot, sugar beet, onion etc.)	It is applied throughout the season from germination.	250- 300	1,5 - 2



GUARANTEED CONTENT

	W/W
Total Organic Matter:	% 40
Total (Humic Acid+Fulvic Acid) Acid	% 65
Total Nitrogen (N) :	% 1
Water Soluble Potassium Oxide (K ₂ O)	% 10
Maximum Moisture	% 20
pH Range:	9,2-11,2

100% soluble and solves easily. **K Humat** is left by its own by being spilled in a cup of post (cask or bucket) slowly. It does not get mixed, It gets solved by it's own.

K Humat could be used in all kinds of soil, by all irrigation systems and by foliar application.

K Humat provides the best conditions for plant development.

K Humat is the most effective soil conditioner for the annual and perenuel plants. It is quite effective balancing soil pH levels. It helps the plant's cell membranes absorbance of nutrients and pesticides. In the soils with high calcium levels (lime) plants absorb nutrients more difficultly.

K Humat eases absorbance by forming chealated complexes with nutrients.

K Humat increases the activities of microorganisms therefore it eliminates the problems resulted from excessive fertilizing.

K Humat application must be repeated periodically for soils in greenhouses and open fields which are fertilized constantly.

K Humat must be used more frequently in soils where phosphate accumulation is severe.

K Humat prevents waste of nitrogen fertilizers and eliminate problems due to excessive fertilizing



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION	FOLIAR
Open Field Vegetables Tomato, Pepper, Aubergine, Bean, Cucumber, Melon etc.	Before planting at soil preparation After transplanting with initial watering 4-5 application during the season by drip irrigation	0,5 - 1 kg / da 0,5 - 1 kg / da 100 - 150 gr / da	100 -150 gr / 100 lt water
Greenhouse And Under Cover Vegetables	Before planting at soil preparation After transplanting with initial watering 4-5 application during the season by drip irrigation	0,5 - 1 kg / da 0,5 - 1 kg / da 100 - 150 gr / da	100 -150 gr / 100 lt water
Tuberous Plants Beetroot, Carrot Radish, Potato, Onion,	At soil preparation With first irrigation	0,5 - 1 kg / da	60-80 gr/da
Corn, Sunflower, Wheat, zcCotton	At soil preparation With first irrigation	0,5 - 1 kg / da	60-80 gr/da
Apple, Pear, Quince, Apricot, Peach, Plum, Cherry, Almond, Olive ,Citrus Fruits:.	Before winter or before plant revitalization. During the season by drip irrigation	100 - 200 gr per tree	100 -150 gr / 100 lt water
Green grass	Before planting at soil preparation or with first irrigation Before winter	1 – 1,5 kg / da	100 -150 gr / 100 lt water
Green grass	Before planting at soil preparation After transplanting with initial watering 4-5 application during the season by drip irrigation	0,5 - 1 kg / da 0,5 - 1 kg / da 100 - 150 gr / da	100 -150 gr / 100 lt water

- Foliar fertilizer are entirely water soluble
- Can be apply safely to various crops.
- Phosphorus base is Increase flowering and root development.
- Potassium base increase storage time and shelf life.
- Balance formulation can be applied during the development period.



RECOMMENDATION FOR APPLICATION:

CROP	SOİL APPLICATION	FOLIAR	APPLICATION TIME
GREENHOUSE AND OPEN FIELD VEGETABLES	1 – 3kg/Da	300 – 500 gr	Applied at 15 to 20-day intervals after initial fruits
WINTER VEGETABLES WITH EDİBLE LEAVES	1 – 3kg/Da	350 – 500 gr	Applied at 15 to 20-day intervals starting from when plant reaches 3 or 4-leaf period.
TUBER PLANTS	1 – 3kg/Da	250 – 300 gr	Applied at 15 to 20-day intervals starting from when plant reaches 4 or 6-leaf period and after initial fruits.
ALL FRUIT TREES	1 – 4kg/Da	400 – 600 gr	Applied 2 to 3 times with the onset of growth.
INDUSTRIAL PLANTS	1 – 3kg/Da	300 – 400 gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
ALL LEGUMES	1 – 3kg/Da	300 – 400 gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
GRAİNS	-	250 – 300 gr	Applied during tillering period
GREEN AREAS	-	250 – 300 gr	Applied every two weeks starting from early growth period.

NPK FORMULATIONS

- **20-20-20 + TE**
- **18-18-18 + TE**
- **12-6-32 + TE**
- **12-32-6 + TE**



- Drip fertilizer are fully water soluble.
- Formulated with low EC and Low pH rate raw material
- Can be used safely for various crops.
- Can be apply directly to the soil, by drip irrigation
- Average Application Rate is during growth stage 5-30 kg/ha/day dose can be applied. Application rates may differ according to plant variety and necessity.

RECOMMENDATION FOR APPLICATION:

CROP	SOIL APPLICATION	FOLIAR	APPLICATION TIME
GREENHOUSE AND OPEN FIELD VEGETABLES	1 – 3kg/Da	300 – 500 gr	Applied at 15 to 20-day intervals after initial fruits
WINTER VEGETABLES WITH EDIBLE LEAVES	1 – 3kg/Da	350 – 500 gr	Applied at 15 to 20-day intervals starting from when plant reaches 3 or 4-leaf period.
TUBER PLANTS	1 – 3kg/Da	250 – 300 gr	Applied at 15 to 20-day intervals starting from when plant reaches 4 or 6-leaf period and after initial fruits.
ALL FRUIT TREES	1 – 4kg/Da	400 – 600 gr	Applied 2 to 3 times with the onset of growth.
INDUSTRIAL PLANTS	1 – 3kg/Da	300 – 400 gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
ALL LEGUMES	1 – 3kg/Da	300 – 400 gr	Applied at 15 to 20day intervals starting from when plant reaches 5 or 6-leaf period.
GRAINS	-	250 – 300 gr	Applied during tillering period
GREEN AREAS	-	250 – 300 gr	Applied every two weeks starting from early growth period.

GUARANTEED CONTENT	% (w/w)
Organic Matter	: % 22
Total Nitrogen (N)	: % 13
Organic Nitrogen (N)	: % 1
Ammonium Nitrogen (N)	: % 11
Nitrate Nitrogen (N)	: % 1
Total (Humic +Fulvic) Acid	: % 15
Max. Mousture	: 20
Max. Clor (Cl)	: 0,1
pH	: 2-4



SPECIFICATIONS

- Provides organic matter to the soil.
- Able the plant to grow healthier and faster.
- The product is a high technology concentrated fertilizer.
- The organic substances and humic acids prevent washing off the nutrients from the soil.
- Strengthens the physical and chemical structure of the soil.
- Improves the biological activity in the soil.
- Reduces the plant nutrient loses from soil with water.
- Provides high level of harvest, qualified and abundant product.
- Arranges the root pH range.
- Ventilates the root area better.
- Can be easily mix with other fertilizers if needed.

GUARANTEED CONTENT

	W/W
Total Nitrogen (N)	8%
Ammonium Nitrogen (NH4-N)	3%
Urea Nitrogen (NH2-N)	5%
Soluble in Water and Neutral Ammonium Citrate	
Phosphorus Pentaoxide (P2O5)	11%
Water Soluble Phosphorus Pentaoxide (P2O5)	10%
Water Soluble Potassium Oxide (K2O)	15%
Water Soluble Magnesium Oxide (MgO)	2 %
Water Soluble Boron (B)	0,3%
Water Soluble Zinc (Zn)	0,04%

- It meets the magnesium needs of plants thanks to the 2% magnesium it contains.
- Nitrogen is in a form that is DCDA chelated, does not wash out and can remain in the soil for 70 - 110 days.
- Its phosphorus can be absorbed quickly and is completely soluble in soil.
- Potassium does not have any problems with washing or dissolving.
- Since it is in completely organic form, it increases the amount of organic matter in the soil



GARANTİ EDİLEN İÇERİK	% (w/w)
Toplam Azot (N)	% 8
Ammoniyum Azot (NH4-N)	% 3
Üre Azotu (NH2-N)	% 5
Neütral Ammoniyum Sitrat ve Suda Çözünür Fosfor Pentoksit (P2O5)	% 11
Suda Çözünür Fosfor Pentoksit (P2O5)	% 10
Suda Çözünür Potasyum Oksit (K2O)	% 15
Suda Çözünür Magnezyum Oksit (MgO)	% 2
Suda Çözünür Bor (B)	% 0,3
Suda Çözünür Çinko (Zn)	% 0,03

KULLANIM YERİ, ZAMANI VE DOZU

CROP	APPLICATION	SOI APPLICATION
ALL GREENHOUSE AND GREENHOUSE VEGETABLES	3 - 4 applications from planting to harvest	2 - 3 kg/da
ALL OPEN FIELD VEGETABLES	3 - 4 applications from planting to harvest	2 - 3 kg/da
MELON, WATERMELON AND PUMPKİN	2 - 3 applications from planting to the beginning of ripening	2 - 3 kg/da
POTATO, ONİON, RADİSH, CARROT, GARLİC	2 - 3 applications from planting to the beginning of ripening	1 - 1,5 kg/da
STRAWBERRY	3 - 4 applications from vegetative period to harvest	2 - 3 kg/da
TUBEROUS PLANTS (POTATO, CARROT, SUGAR BEET, ONİON ETC.)	It is applied throughout the season from germination.	1,5-2 L / da
BANANA	Starting from 2-3 applications 30-45 days before birth (April-May).	2 - 3 kg/da
VİNEYARD	3 - 4 applications before flowering until harvest	1 - 1,5 kg/da
APPLE, PEAR, CHERRY, SOUR CHERRY, APRİCOT, ALMOND, HAZELNUT, WALNUT, PEACH, PİSTACHİO ETC.	Until the petals stand upright	2,5 - 3 kg/da
FİG, OLİVE AND CİTRUS	3 - 4 applications before flowering until harvest	2,5 - 3 kg/da
ALL INDUSTRIAL AND FIELD CROPS	3 - 4 applications before flowering until harvest	2,5 - 3 kg/d

- SUNCARE® is a mineral-based preservative that creates a thin film layer, which is effective in protecting plants from heat stress and sunburn in garden and field crops, greenhouses and nurseries.
- SUNCARE® is suitable for use until harvest time
- SUNCARE® plants have the ability to keep cool. For this reason, the ripening and harvesting period of the fruits may extend between 3 or 7 days.
- SUNCARE® keeps the plant cool by lowering the stem temperature. It reduces heat and thirst stress.
- SUNCARE® improves the color of the fruit, increases the brix value and ensures that the fruit surface is presentable and smooth.



Plant	Ratio	Suggestions
Dwarf apple, pomegranate, quince, kiwi, banana, fig, persimmon, dwarf pear, citrus	Full dose: 5% mixture (5 kg / 100 Lt) The first application is 50 kg/ha	The mixture is sprayed all over the trees. The spraying process results in a dry, white, film. A full dose should be applied before the sun's burning damage occurs. June 10-30 is recommended (if the weather is rainy and cool July 1-5 is recommended.) For an effective form of the thin film layer, a full dose in every 10 days is recommended. Other applications are applied in half doses with 2-3 week intervals. For stone fruits, SUNCARE is applied as a half dose 2-3 times for keeping the plants cool, a stress-free the resting period and to reduce the formation of twin fruits and for healthy crops the following year.
Pistachio, chestnut, almond, walnut, hazelnut	½ dose: 2.5% mixture (2,5 kg / 100 Lt) and further applications 25 kg/ha	
Nectarine, apricot, peach, plum, cherry		
Pumpkin, watermelon, melon, artichoke, cucumber, tomato, pepper		The first application is applied after the vegetables reach 3-4 cm in size. Increase the amount of water according to the seasonal temperature and the volume of the plant. Repeat the application at intervals of 10-15 days upon observing the coating of the protective thin layer of film on the plant surface. The application can be repeated up to 7 days until the harvest.

RECOMMENDATION FOR APPLICATION:

TO BE USED TOGETHER PRODUCT	KITCUT
INSECTİCİDES	10 - 25 cc / 100 lt water
FUNGİCİDES	10 - 25 cc / 100 lt water
HERBİCİDES	10 - 25 cc / 100 lt water
ACARİSİDES	10 - 25 cc / 100 lt water
FOLİAR FERTİLİZERTS	10 - 25 cc / 100 lt water



- An excellent spreader, adhesive, containing the active ingredient sodium dioxide sulphosuccinate (sodium dioctyl sulphosuccinate).
- It is a wetting and emulsifying agent.
- It ensures perfect mixing of pesticides and fertilizers with water.
- It ensures that the mixture to be applied is spread homogeneously throughout the plant.
- In this way, it is ensured that the appropriate dose is distributed equally to the stomas.
- Due to the solubilizing properties of chitin, it increases the effectiveness of pesticides.
- It melts and thins the protective layer on harmful insects and allows pesticides to work easily.
- This is a product that makes the farmer's job easier and provides accurate results, especially against pests such as red spider mites, scale insects and nematodes, which are difficult to combat.

- It is a recently developed, good pH regulator and spreading adhesive used to reduce the pH of spraying water.
- It lowers the pH in water with high pH values.
- It ensures more effective removal of spraying water, which reaches low pH levels.

RECOMMENDATION FOR APPLICATION:

TO BE USED TOGETHER PRODUCT	KITCUT
INSECTİCİDES	10 - 25 cc / 100 lt water
FUNGİCİDES	10 - 25 cc / 100 lt water
HERBİCİDES	10 - 25 cc / 100 lt water
ACARİSİDES	10 - 25 cc / 100 lt water
FOLİAR FERTİLİZERTS	10 - 25 cc / 100 lt water



SILIKON



ORGANIC SILICON SPREDEAR STICKER

Applicatione dose: 10 ml/ 100 L water



**GUARANTEED CONTENT**

High Molecular Polyaxylate Alkyl
Ammonium Salt:

W/W

27%

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	DOSE
POME FRUITS (APPLE, PEAR, QUINCE ETC.)	4-6 weeks before harvest	1 L/100 L water
STONE FRUITS (PEACH, APRICOT, PLUM)	2-3 weeks before harvest	1 L/100 L water
CHERRY AND SOUR CHERRY	4-6 weeks before harvest	1 L/100 L water
CITRUS	4-6 weeks before harvest	1 L/100 L water
TUBEROUS PLANTS (POTATO, CARROT, SUGAR BEET, ONION ETC.)	Potatoes 2 weeks after flowering, sugar beets It is done when foliation exceeds 60%.	1 L/100 L water
VINEYARD	5-6 weeks before harvest	1 L/100 L water
OTHER PLANTS	To prevent staggering and shock during planting (flowers, grasses, vegetable and tobacco seedlings)	1 L/100 L water



- It prevents the product applied together from flowing from the leaves and ensures that it stays on.
- When used together with pesticides and leaf fertilizers such as Insecticide, Acaricid, Herbicide, Fungicide, It increases its effect significantly by ensuring that it adheres to the plant palm and spreads.
- Especially when used before rain on fruits with shiny surfaces (cherries, cherries, plums, grapes, pomegranates, etc.), the Increases resistance to cracking.
- While it increases the effect of pesticides, it is also a very effective product in preventing possible pesticide damage.
- When used before harvest, it helps to improve the market quality by improving the appearance of the fruit (brightness, attractiveness, saturated color, etc.).
- It increases the resistance of fruits against fungal diseases and stains that may occur due to rain or humidity in hot weather.
- After the water turns into droplets and collects the drug in one point and evaporates, it helps to increase the plant's resistance against damages such as burning on the leaves as a result of intense accumulation of the drug in one point.
- It ensures that the applied product spreads over the leaf surface like a film strip.
- It is a superior surface protector and polisher.

- Encourages rooting in the initial period
- Supports to open dripping
- Due to high percentage of sulfur, ammonia nitrogen and iron its effect on soil lasts 2 months
- Regulates the soil pH level
- Improves the color quality
- Prevents salinity

Contains 50% Sulfur (So3).
It regulates soil pH



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	DOSE
VEGETABLES (GREENHOUSE AND OPEN FIELD)	After vegetative development 2 - 3 times	1 L / da
AGRONOMY FIELD CROPS	Tillering period before	1 L / da
ORNAMENT PLANTS	as from transplant 2 - 3 times	1 L / da
FRUITS	during the season	1 L / da

GUARANTEED CONTENT	W/W
Water Soluble Iron (Fe)	% 6
EDDHA chelated Iron (Fe)	% 6
Ortho-ortho EDDHA chelated Iron (Fe) %	3, 2
Stable within pH range	3.5 – 8,5

- 6% EDDHA Chelated Iron (3.2% Fe Ortho-Ortho EDDHA) is a fully chelated, water-soluble fertilizer recommended to prevent and correct iron deficiencies in crops. Soil application is preferred to prevent iron deficiencies; however, it can be used as a foliar spray to correct nutrient deficiencies when application to soil is not practical.
- Formulated for high pH soils.
- EDDHA chelate helps increase iron availability in plants.
- Contains 3.2% ortho-ortho chelated iron.
- It is a microgranular fertilizer that dissolves completely in water.



EC FERTILIZER
DEMİR ŞELATI-EDDHA

Fertiline®

MIKRO MAJORA Fe PLUS

Ortho-Ortho EDDHA 4,8



GARANTİ EDİLEN İÇERİK	% (w/w)
Suda Çözünür Demir (Fe)	: % 6
EDDHA ile Şelati Demir (Fe)	: % 6
Ortho-Ortho EDDHA ile Şelati Demir	: % 4,8
EDDHA ile Şelatinin Stabli olduğu pH aralığı	: 3,5 - 12

KLOR İÇERMEMEKTEDİR.



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION (drip)
Greenhouse and Open Field Vegetables (Pepper, Tomato, Eggplant, Melon, watermelon and Cucumber)	Apply it to the soil in strips or mix it with water. Green parts are applied by spraying.	500 gr / da
All Fruit Trees, Vineyards	In the spring, when the trees start to wake up	50-150 gr/tree (2-3 years) 200-250 gr/tree (after 4 years)
Field Crops (Wheat, Corn, Tobacco, Sunflower, Paddy, Cotton etc.)	Just before planting seeds and seedlings, When iron deficiency begins to appear	250-500 gr/da
In Ornamental Plants and Cut Flowers	Just before planting seedlings, iron in the plants When the deficiency begins to appear.	250-500 gr/da
Vineyards	Early spring against iron deficiency and chlorosis It is applied during the period before the rains.	30-50 gr/tree
Tuberous Plants (Potato, Carrot, Sugar Beet, Onion etc.)	Just before planting seedlings, iron in the plants When the deficiency begins to appear.	250-500 gr/da

GUARANTEED CONTENT	W/W
Water Soluble Iron (Fe)	% 6
EDDHA chelated Iron (Fe)	% 6
Ortho-ortho EDDHA chelated Iron (Fe) %	3,2
Stable within pH range	3.5 – 8,5

6% EDDHA Chelated Iron (3.2% Fe Ortho-Ortho EDDHA) is a fully chelated, water-soluble fertilizer recommended to prevent and correct iron deficiencies in crops. Soil application is preferred to prevent iron deficiencies; however, it can be used as a foliar spray to correct nutrient deficiencies when application to soil is not practical.

- Formulated for high pH soils.
- EDDHA chelate helps increase iron availability in plants.
- Contains 3.2% ortho-ortho chelated iron.
- It is a microgranular fertilizer that dissolves completely in water.

Fertiline®

EC FERTILIZER
DEMİR ŞELATI-EDDHA

Fertiline®

MIKRO MAJORA Fe



GARANTİ EDİLEN İÇERİK	% (w/w)
Suda Çözünür Demir (Fe)	: % 6
EDDHA ile Şelatlı Demir (Fe)	: % 6
Ortho-Ortho EDDHA ile Şelatlı Demir	: % 3,2
EDDHA ile Şelatının Stabil olduğu pH aralığı	: 3,5 - 12

KLOR İÇERMEMEKTEDİR.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION (Drip)
GREENHOUSE AND OPEN FIELD VEGETABLES (PEPPER, TOMATO, EGGPLANT, MELON, WATERMELON AND CUCUMBER)	Apply it to the soil in strips or mix it with water. Green parts are applied by spraying.	500 gr / da
ALL FRUIT TREES, VINEYARDS	In the spring, when the trees start to wake up	50-150 gr/tree (2-3 years) 200-250 gr/tree (after 4 years)
FIELD CROPS (WHEAT, CORN, TOBACCO, SUNFLOWER, PADDY, COTTON ETC.)	Just before planting seeds and seedlings, When iron deficiency begins to appear	250-500 gr/da
IN ORNAMENTAL PLANTS AND CUT FLOWERS	Just before planting seedlings, iron in the plants When the deficiency begins to appear.	250-500 gr/da
VINEYARDS	Early spring against iron deficiency and chlorosis It is applied during the period before the rains.	30-50 gr/tree
TUBEROUS PLANTS (POTATO, CARROT, SUGAR BEET, ONION ETC.)	Just before planting seedlings, iron in the plants When the deficiency begins to appear.	250-500 gr/da

GUARANTEED CONTENT

	W/W
Water Soluble Zinc (Zn)	% 15
EDTA chelated Zinc (Zn)	% 15
Stable within pH range	2-10

- Zinc EDTA is a compound obtained by complexing the element zinc with a chemical compound called EDTA (Ethylenediamine Tetra Acetic Acid). This compound is easy to absorb and use by plants. Therefore, it is used to nourish zinc-deficient plants.
- Zinc is an extremely important element for plant physiology. In plants, it is responsible for the structural and activation of enzymes, protein synthesis, carbohydrate metabolism and IAA synthesis.
- In zinc deficiency; Root development and germination are poor. Fruit and seed formation is prevented. Yellowing of old leaves and between veins, shortening of internodes, curling and shrinkage of leaves, and rosette formation in young shoots of fruit trees are observed.
- It is a high quality Zinc source in EDTA chelated form, which can be taken completely by plants. It is an extremely effective nutrient in removing yellowness (chlorosis) caused by zinc in plants.
- Fertiline Verima Zn provides green disruption, dark green color, more buds and flower formation in all plants where it is used, resulting in high yield and quality crops.



RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOİL APPLICATION (gr/da)	FOLIAR (gr/100 Lt water)
GREENHOUSE AND OPEN FIELD VEGETABLES (PEPPER, TOMATO, EGGPLANT, MELON, WATERMELON AND CUCUMBER)	After planting the seedlings and throughout the season.	600-800 gr	100 - 150
ALL FRUIT TREES,	Post-harvest and beginning of leaf formation 1 - 2 applications during season	600-800 gr	100 - 150
FIELD CROPS (WHEAT, CORN, TOBACCO, SUNFLOWER, PADDY, COTTON ETC.)	After reaching sufficient leaf size 1 - 3 applications	600-800 gr	300
IN ORNAMENTAL PLANTS AND CUT FLOWERS	1 - 2 applications intervals 30 days during the growing season	1000-2000	125 - 150
STRAWBERRY	1 - 2 applications intervals 30 days during shoot development	1000-2000	100 - 150
TUBEROUS PLANTS (POTATO, CARROT, SUGAR BEET, ONION ETC.)	During the season from first hoeing	1000-2000	125 - 150

GUARANTEED CONTENT

	W/W
Water Soluble Manganese (Mn)	% 13
EDTA chelated Manganese (Mn)	% 13
Stable within pH range	3-10

- It is a fully chelated manganese fertilizer that is highly effective for eliminating acute Mn deficiency or maintaining an ideal Mn level in agricultural and horticultural plants.
- It is an excellent source of Manganese for leaf and root intake. It is used when manganese problems are expected or deficiencies are noticed.
- Manganese deficiency causes decreased photosynthetic activity. High pH, low organic matter, or sandy soil conditions will reduce the availability of manganese.
- Manganese deficiency is most common in wheat and legume varieties, as well as potatoes, tobacco and many fruits and vegetables. Peaches, apricots and plums need more manganese than other hard stone fruits.

Fertiline®

EC FERTILIZER
MANGAN ŞELATI-EDTA

Fertiline®

MIKRO VERIMA Mn



GARANTİ EDİLEN İÇERİK % (w/w)
Suda Çözünür Mangan (Mn) : % 13
EDTA ile Şelatlı Mangan (Mn) : % 13
EDTA ile Şelatının Stabil olduğu pH aralığı : 2 - 10

KLOR İÇERMEMEKTEDİR.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION (gr/da)	FOLIAR (gr/100 Lt water)
GREENHOUSE AND OPEN FIELD VEGETABLES (Pepper, Tomato, Eggplant, Melon, Watermelon And Cucumber)	2 - 3 applications during growing season	200-400	100-150
ALL FRUIT TREES,	2 - 3 applications In the spring intervals 20-30 days, when beginning development	500-1000	100-150
CEREALS	Before staking and grain settling	200-400	100-150
IN ORNAMENTAL PLANTS AND CUT FLOWERS	After leaf formation In the spring	200-400	100-150
VINEYARDS	After leaf formation	500-1000	100-150
BEAN AND PEA	Budding, first flower formation, after flowering	300-500	150-200

GUARANTEED CONTENT

	W / W
Water Soluble Copper (Cu)	% 15
EDTA chelated Copper (Cu)	% 15
Stable within pH range	1,5-10

- Plants can absorb Chelated Copper EDTA quickly as they require low energy to absorb Chelated nutrients.
- To prevent and correct copper deficiency in many agricultural, horticultural and ornamental plants. Recommended for soil and foliar application.
- MIKRO VERIMA Cu is a highly stable, top quality, chelated copper fertilizer for the safe, effective and convenient prevention and correction of copper deficiency.
- It is a blue-colored, dust-free and completely water-soluble microgranular fertilizer.



EC FERTILIZER
BAKIR ŞELATI-EDTA

Fertiline®

MIKRO VERIMA Cu



GARANTİ EDİLEN İÇERİK	% (w/w)
Suda Çözünür Bakır (Cu)	: % 15
EDTA ile Şelatlı Bakır (Cu)	: % 15
EDTA ile Şelatının Stabil olduğu pH aralığı	: 1,5 - 10

KLOR İÇERMEMEKTEDİR.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION (gr/da)	FOLIAR (gr/100 Lt water)
OPEN FIELD VEGETABLES (Pepper, Tomato, Eggplant, Melon, Watermelon And Cucumber)	With planting the seedlings, after flowering and throughout the season 2-3 application	300-400	100-150
GREENHOUSE (Pepper, Tomato, Eggplant, Cucumber)	In the nursery, after flowering and throughout the season 2-3 application	300-400	200-250
DECIODUOS (Trees, Apricot, Peach, Cherry, Apple, Etc.) VINEYARDS	After pruning, bud break and after fruit set 2-3 application	300-400	150-250
FIELD CROPS (wheat, Corn, Tobacco, Sunflower, Paddy, Cotton Etc.)	During growing season 1 - 3 applications	300-400	200-250
OLIVE	tillering period	-	200-250
CEREALS	After pruning, before spring and autumn raining	300-400	150-250
TUBEROUS PLANTS (Potato, Carrot, Sugar Beet, Onion Etc.)	During early growing season and growing season 2 - 3 applications	250-300	100-150
CITRUS	After pruning and before fruit drop in june	300-400	200-250

GUARANTEED CONTENT

	W / W
Water Soluble Iron (Fe)	% 5,25
EDDHA chelated Iron (Fe)	% 4,5
EDTA chelated Manganese (Mn)	% 1,25
EDTA chelated Zinc (Zn)	% 0,7
Stable within pH range	3,5-10

Combi Majora dust-free and completely water-soluble microgranules is a fertilizer. In cases where the plant cannot receive enough nourishment from the soil and under stress conditions, Combi Majora starts to meet the plant's trace element needs from the leaves.

Combi Majora provides more bud and flower formation in all plants where it is used, resulting in high efficiency and quality crops.

Combi Majora gives excellent results in meeting the microelement needs, which can lead to leaf chlorosis, flower abscission, poor fruit development and small fruit in case of deficiencies.

Combi Majora is recommended for plants grown in alkaline soils and their special iron needs.

Combi Majora is a fully chelated source of microelements used in all vegetables, fruits, greenhouse areas and saplings.

Fertiline®

EC FERTILIZER
Demir (Fe-EDDHA), Mangan (Mn-EDTA) ve Çinko (Zn-EDTA) MİKRO BİTKİ BESİN MADDELERİ KARIŞIMI

Fertiline®
COMBI MAJORA



GARANTİ EDİLEN İÇERİK	% (w/w)
Suda Çözünür Demir (Fe)	: % 5,25
Ortho-Ortho EDDHA ile Şelatlı Demir	: % 4,5
EDTA ile Şelatlı Mangan (Mn)	: % 1,25
EDTA ile Şelatlı Çinko (Zn)	: % 0,7
Şelatının Stabil olduğu pH aralığı	: 3,5 - 10

KLOR İÇERMEMEKTEDİR.

RECOMMENDATION FOR APPLICATION:

CROP	APPLICATION	SOIL APPLICATION (gr/da)	FOLIAR (gr/100 Lt water)
GREENHOUSE AND OPEN FIELD VEGETABLES (Pepper, Tomato, Eggplant, Melon, watermelon and Cucumber)	After planting the seedlings and throughout the season.	500-1000	125-150
ALL FRUIT TREES,	Throughout the season, starting from fruit set. After harvest in early harvested fruits	30-60 gr/tree	125-150
FIELD CROPS (Wheat, Corn, Tobacco, Sunflower, Paddy, Cotton etc.)	After reaching 10 - 15 cm height	1000-2000	125-150
IN ORNAMENTAL PLANTS AND CUT FLOWERS	1 - 2 applications intervals 30 days during the growing season	1000-2000	125-150
STRAWBERRY	Starting after the seedling is attached to the soil during tillering and harvest	1000-2000	125-150
TUBEROUS PLANTS (Potato, Carrot, Sugar Beet, Onion etc.)	During the season from first hoeing	1000-2000	125-150

Fertiline®

TAHOMA 31™
BERMUDAGRASS



CARAN

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