



LENA
Tarım Ürünleri

**PRODUCT
CATALOG**

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ABOUT US

Lena tarım was established in 2001 in order to provide quality products with the transfer of knowledge and technology to turkish agriculture.

Our company's main business subjects are, plant growth regulators, plant nutrients, fertilizers agricultural chemicals and seeds

The company's headquarters and factory (pesticides, pgr and fertilizer production facilities) is located in ANKARA The facilities are planned, established with sensitivity to environment, The production started with the necessary permits including the reports of eia, emission etc for an environmentally friendly production approach.

Production has been carried out while preserving the same enviromental sensitivities.

Lena tarım, knowing that success is directly proportional to institutionalization, Standards are in the field of activity of the company.

The driving force of our success will be the trust and satisfaction of our customers. With this determination we will try to be worthy of this trust with our product range both at home and abroad.

OUR PRINCIPLES:

- To perform together with lena family to meet the needs of corporate culture
- To serve qualified, safe, effective and affordable plant protection products, seeds and fertilizers to the turkish agriculture and farmers with the support of the technical know-how.
- To follow a competitive trade policy in the market.
- To be aware of the convenience of serving, whether being a corporate partner, manager, or any company employee,
- To be aware of to place standards of health and safety in our company's production plant and environment,

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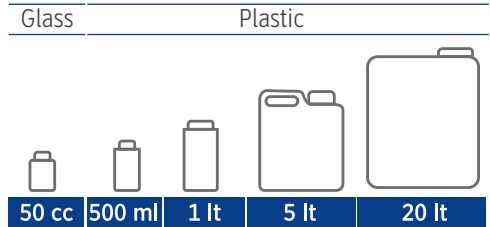
PLANT GROWTH REGULATOR

LENA BETA (BNOA)

Active Substance (PER LİTRE)

50G PURE BNOA

For sufficient growth and to prevent loss of blossoms on Tomatoes, egg-plant, pepper, cucumber, squash, beans, strawberries, watermelon etc. For tomatoes seedlings Spray 1mLsolution/1L water over blossoms for sufficient growth and early formation of blossoms. Pulverize homogenized 1-1.5mLsolution/100Lwater every 10-15 days all over the leaves and blossoms especially at cool afternoon hours.



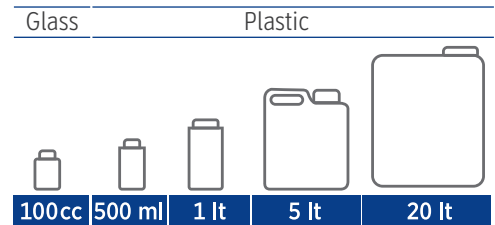
PLANT GROWTH REGULATOR

LENA TOMAT (4CPA)

Active Substance (PER LİTRE)

14g PURE 4CPA

Lena Tomat can be used to prevent flower drop and fruit drop, inhibit rooting of beans, promote fruit setting, induce seedless fruit, and also has the effect of ripening, increasing production and weeding. Lena Tomat is used for increasing crop yield of tomatoes on open field and greenhouses, after sun loses its effect apply once for a blossom for green houses. Applications must be done below 10 degrees.



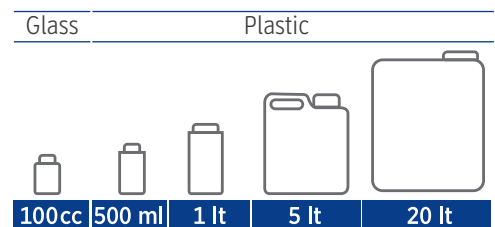
PLANT GROWTH REGULATOR

LENA PATTOM (4CPA)

Active Substance (PER LİTRE)

7g PURE 4CPA

Lena Pattom can be used to prevent flower drop and fruit drop, inhibit rooting of beans, promote fruit setting, induce seedless fruit, and also has the effect of ripening, increasing production and weeding. Lena Pattom is used for increasing crop yield of tomatoes on open field and greenhouses, after sun loses its effect apply once for a blossom for green houses. Applications must be done below 10 degrees.





PLANT GROWTH REGULATOR

LENA GIBB (GIBBERELIC ACID)

Active Substance (PER LITRE)

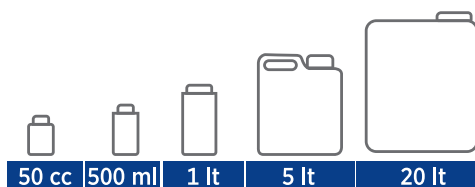
20G PURE GIBBERELIC ACID (GA3)

LENA GIBB is a plant growth regulator that contains Gibberellic Acid in a liquid formulation, helping to improve the physiological and morphological properties of the plant, even in very small quantities, by locating in the plant's interior.

LENA GIBB promotes the rooting as well as enhancing the seed germination power by ensuring high quality product when applied to plants. It strengthens the plant by increasing the endurance of the plant against cold, diseases and pests, it increases the fecundity, prevents loss of fruit blooms, accelerates ripening and prolongs the fruit preservation period.



Glass Plastic



PLANTS	APPLICATION TIME AND METHOD	DOSAGE
Sultanas	For normal density clusters of grapes and big berries 1st app: when the 70% of blossom capsules are shed. 2nd app: after 10-12 days of 1st app. when the berries attained 3 mm diameter.	120mL+20mL adhesive-spreader
Raisins	4-5 days after the blossom capsules are shed	30mL+20mL adhesive-spreader
Citrus fruits	1. Solution can be sprayed onto the 75-80% blossoms to support blossom generation especially for Salsuma and Klemantin species of tangerine, 2. solution can be sprayed onto the blossoms before the June shed to prevent shedding except for Valencia oranges. 3. delaying of harvest <ul style="list-style-type: none"> • Solution can be sprayed onto the fruits of Washington oranges when the first change of color occurs • Solution can be sprayed onto the fruits of lemon when the first change of color occurs to support the fruits stay on the tree for 2-3 months. • Solution can be sprayed onto the fruits of grapefruit when the first change of color occurs 	30mL+20mL adhesive-spreader 120mL+20mL adhesive spreader 60mL+20mL adhesive-spreader 60mL+20mL adhesive-spreader 90mL+20mL adhesive-spreader
Pears	Solution can be sprayed onto the 30% blossoms to prevent Insufficient Growth of fruits and frost, at least 2 days after freezing.	90-150mL+90mL adhesive-spreader
Cherries, sour cherries	Solution can be sprayed onto the fruits when the first change of fruit color occurs Big, enduring, smooth berries are obtained after the application.	90mL+20mL adhesive-spreader
Peaches	Solution can be sprayed to support big berries, 3-4 weeks before blossoms.	600-900mL+50mL adhesive-spreader
Strawberries	First week of august especially for Dixired and Hale species prevents freezing.	90-150mL+20mL adhesive-spreader
Artichoke	To increase yield, to grow out-of-season, solution can be sprayed especially onto the core. Also fertilizer amount must be increased and irrigation must be made on time.	300mL+50mL adhesive-spreader
Potatoes	The seed potatoes are dipped into the solution before planting to accelerate germination.	30-60 mL
Pepper	To increase yield, 1stly sprayed onto the blossoms, then 2-3 weeks later 2nd spraying is applied.	180mL+20mL adhesive-spreader
Decorative Plants	To obtain long stem, large flower (Carnation, rose, cyclamen, chrysanthemum)	240-300mL+ 50mL adhesive-spreader



PLANT GROWTH REGULATOR

LENA TONIK (SODIUM SALTS)

Active Substance (PER LITRE)

1 g	SODIUM 5-NITROGUAICHOLATE
2 g	SODIUM ORTHO-NITROPHENOLATE
3 g	SODIUM PARA-NITROPHENOLATE

LENA TONIK is a plant growth regulator containing three aromatic nitro compounds used throughout the life of a plant from seed to crop, in order to obtain better and higher quality products. LENA TONIK has a positive effect on germination, rooting, development and maturation by giving vital force to all cells of the plant.

LENA TONIK is a product that is particularly effective on fertilization, which is absorbed easily by the plant and accelerates the cell movement, the uptake of water and minerals and helps plants to obtain the nutrients.

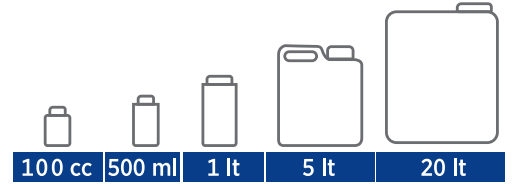
LENA TONIK accelerates germination and rooting, increases fruit retention and accelerates micro-organism activity in the soil. It enables the potential forces of the plants to become visible.

Application Method:

PLANTS	APPLICATION TIME AND METHOD	DOSAGE
STRAWBERRY	15 days apart when flowers appear	75 mL /100L water (50mL/decar)
RICE, WHEAT, BARLEY, CORN	Cereal seeds are kept in LENATONIK for 12 hours. At the time of getting up and when the spikes appear	200 mL /100L water 60 mL / decar
TOMATO, PEPPER, EGGPLANT, Cucumber Melon, Potato, Watermelon	Seeds 8 hours in water with LENATONIK Potato tubers are waited for 12 hours before they are cut. Application to seedlings every 5 days It is applied once a week before and after flowering.	50 mL /100L water 25 mL /100L water 50 mL /100L water
APPLE, PEAR, PEACH, APRICOT, Plum, Cherry, Citrus	1. In the green bud period 2. In the pink bud period 3. When the fruits are the size of chickpeas	50 mL /100L water (75mL/ decar) 50 mL /100L water (75mL/ decar) 50 mL /100L water (75mL/ decar)
BOND*	1st and 2nd Application: For new shoots 3rd application: At the beginning of flowering 4. Application: During the Koruk period	50 mL /100L water (75mL/ decar) 50 mL /100L water (75mL/ decar) 50 mL /100L water (75mL/ decar)
BEANS, PEAS, CHICKEN, SOYBEAN, LENTILS, PEANUT	Before and at the beginning of flowering (For fruit set)	80 mL / decar
COTTON	1. Application; On the first comb 2. Application; in the first flower 3. Application; When 90% of the cocoons are formed	50 mL / decar 50 mL / decar 50 mL / decar
ORNAMENTAL PLANTS	Cuttings are dipped for 5-10 minutes It is applied in the seedling with an interval of 10 days. During the development period.	25 mL /100L water 16 mL /100L water (30mL/ decar) 50 mL /100L water (75mL/ decar)
SUGAR BEET	1. Application; in 2-3 leaf cycles 2. Application; After misfire 4. Application; When root thickening begins	25 mL / decar 60 mL / decar 60 mL / decar



Plastic





PLANT GROWTH REGULATOR

LENA CINE (SODIUM SALTS + NAA)

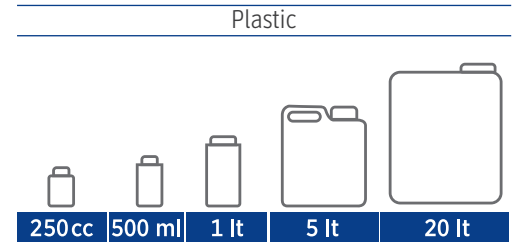
Active Substance (PER LİTRE)	
1 g	SODIUM 5-NITROGUAIACOLATE
2 g	SODIUM ORTHO-NITROPHENOLATE
3 g	SODIUM PARA-NITROPHENOLATE
25 g	SODIUM NAPHTALINE ACETATE (NAA)

When LENA CINE is applied, it is easily absorbed by the plant, stimulates cell growth and differentiation; root formation and development accelerates.

The plant grows healthier and faster because of its effect on the development of roots. When LENA CINE is applied, the floral attitude and fruit setting are earlier and more regular, resulting in improved yield and more uniform and quality product.

Application Method:

HERB	APPLICATION TIME AND METHOD	DOSAGE
Vegetables and Ornamental Plants	Cuttings and seedlings are immersed in the prepared solution and left for 1 hour and sewn.	25 mL /100 L water
	150 mL of solution per cutting or seedling after planting .	25 mL /1 L water
Fruit (Vineyard*, Citrus, Forest trees)	Saplings and cuttings are kept in this solution for 1-2 hours before planting.	50 mL / 100 L water
	After planting, it is given to the roots of the seedlings with sufficient water. This application is repeated three times a year.	5-10 mL per seedling
All Plants	At least three times at intervals of 7-10 days with drip irrigation .	150-200 mL /da
	At least three applications are made at intervals of 7-10 days, together with the irrigation water.	250-300 mL /da
Tomato, Pepper, Cucumber , Eggplant, Zucchini	Before the flowers open, it is sprayed on the buds with 40-50 L of water per decare.	50 mL /da
Melon watermelon	When the fruits reach the size of eggs, they are sprayed with 40-50 L of water per decare.	15 mL /da
Strawberry	Seedlings are kept in this solution for 2-3 hours before planting.	30 mL / 100 L water
	After planting, it is rooted three times with an interval of 10 days.	150 –200 mL /da
Fruit (Vineyard*, Olive, Citrus, Pistachio)	It is applied 3-4 weeks before flowering. It is repeated when the fruits take the size of hazelnuts.	50-100 mL / 100 L water
Sugar beet	The first application is made 7 days after the misfire. It is applied 3-4 times at intervals of two weeks with 40-50L of water.	20 mL /da



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PLANT GROWTH REGULATOR

LENA BOOM

(% 1.85 GA4/A7 + % 1.88 6 BA)

Active Substance (PER LİTRE)

6-Benzyladenine	18.8 g/L
6-BENZYLADENINE	18.8 g/L

LENA BOOM is a plant growth regulator used in apple and pear trees. The chlorophyll in the plant prevents the decline in nucleic acid and protein levels and allows the plant growth regulators to migrate to the cells. It keeps the plant green and delays its aging.

LENA BOOM, encourages budding, opens branches.

In all apple and pear varieties, it increases fruit grip, makes fruit look big and big, increases fruit weight and fruit count.



Plastic



500 ml

Application Method:

PLANTS	VARIETIES	APPLICATION METHOD	DOSAGE/100L WATER
Apple	Red Apples (Starking vs.)	For large and standard fruit when 60-80% of flowering is completed	60-100mL
Apple	Yellow Apples (Golden delicious vs.)	Against apple rust	
		1. Application full flower	70 mL
		2. Application petal(flower) leaves spills	70 mL
		3. Application 10 days after 2. application	70 mL
Apple	Yellow Apples (Golden delicious vs.)	For large, standard shape and thin-skinned fruit;	
		1. Application When the medicinal petals start to spill	60-100 mL
		2. Application After 7 days of first spraying	60-100 mL
		3. Application After 10 days of second spraying	60-100 mL
Apple	In young seedlings (all varieties)	Applied early in the spring to encourage the growth of fruit trees and to speed up the fruit yield of the 1-2-3 years old trees	200 mL
Pear	William and other varieties	For large, standard shape and large fruit;	
		1. Application When the medicinal petals start to spill	
		2. Application After 7-10 days of first spraying	60 L



PLANT GROWTH REGULATOR

MIRACLE

(%1,18 NAD + %0,43 NAA)

Active Substance	%WW
1-Naphtylacetic Acid (NAA) %98	% 0,43
2-(Naphtyl) Acetamide (NAD) %98	% 1,18

LENA MIRACLE is a double-effect growth regulator with NAA and NAD content and has a direct effect on plant rooting ability, flower shape, fruit quality.

LENA MIRACLE prepares plants against negative environmental and climatic conditions during critical periods such as the beginning of flowering or growth and makes it easy to overcome those periods, preventing stress in plants. LENA MIRACLE promotes fruit decay by facilitating circulation in plants and allows the development of fertilized fruits. Especially prevents the flower drop of fruit and premature fruit.

Application Method:

PLANTS	DOSAGE	PERIOD	APPLICATION
Eggplant, Pepper	60g /100L WATER	2 times	The first spraying should be done at the beginning of flowering and it should be repeated with intervals of about 10 days in accordance with the flowering stages.
Tomatoes	60g /100L WATER	3 times	Application is made when flowers are opened in each cluster.
Beans, Peas, Pumpkin, Cucumber	60g /100L WATER	4 times	Depending on the length of Flowering period, 3-4 applications are required if the Flowering period lasts more than 3 weeks. The first spraying should be done at the beginning of the flowering, then spraying should be repeated at intervals of about 10 days.



Plastic & Aluminium



60 gr 250 gr

PLANT GROWTH REGULATOR

LENA 5251

(%0,52 NAA + %0,51 IBA)

Active Substance	%WW
1 - Naphthylacetic Acid (NAA)	% 0,52
4 - Indole-3-ylbutric Acid (IBA)	% 0,51

LENA 5251 is effective in the growth of roots, shoots and fringing roots and in the development of herbaceous - woody roots by virtually eliminating the ecological and natural rooting problems of plants during planting and astringency.

LENA 5251 enters the plant body and leaves, accelerates cell division, growth and chlorophyll synthesis, promotes the reproductive process during the flower period, prevents fruit and flower drops. When used together with LENA TONIC, there is a yield increasing effect.

LENA 5251 is used in all annual vegetable, onion plants and ornamental flowers, in all plants that are affected by the changes of weather conditions.

PLANTS	DOSAGE
Fruit Trees	50 gr per 100 Lt water
Vegetables, Bulbous Plants and Ornamentals	50 gr per 100 Lt water



Plastic & Aluminium



50 gr 250 gr

WETTABLE POWDER (WP) FUNGICIDE

LENA FRUIT 20WP (%80 BORDEAUX MIXTURE)

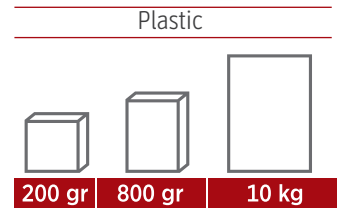
Active Substance

BORDEAUX MIXTURE	% 80
Calcium Hydroxide and Copper (II) Sulphate	% 20 (Metallic Copper Equivalent)

LENA FRUIT 20WP is an high quality and pure agricultural pesticide that can be, recommended and used in the fight against a multitude of fungal and bacterial diseases.

LENA FRUIT 20WP is an effective and economical agricultural product against many potentially existing diseases that may occur the following year when applied to fruit trees, especially in the fall (when $\frac{3}{4}$ or whole of the leaves are spilled) and in the spring (before the eyes wake up).

It is not possible to achieve complete success in combating some bacterial diseases without using LENA FRUIT 20WP in the autumn and early spring. Diseases caused by bacteria and fungi are found in the fruit trees, in the trunk and in the branches, in the flowers, or in the leaves. Since it is not always possible to treat after the disease is transmitted, it is given protection against disease by spraying.



Application Method:

CROP	DOSAGE 7	RATE PER 100 L	
Apples	Late scap, black rot, bitter rot, botch	1500g	A protective spray applied during bloom will help infection prevention. Treatments should not be applied after the 0,5 cm green stage. Donot spray tender foliage or during the early growing period when the leaf tissues is emerging from the bud. Repeat as necessary to maintain control.
Pears	Fire Blight	750g	Bloom sprays are applied to control the blossom blight stage of this disease. Donot add insecticides or exceed this dosage rate. Repeat at 5 to 7 day intervals until the end of the bloomig period.
Apricots	Shothole (Stigmina carpophila) Freckle (Venturia carpophila)	500g	Apply at bud swell but before the earliest sign of leaf/bud movement. Apply at least one post harvest spray.
Cherries, Peaches, Nectarines, Plums,	Shothole (Stigmina carpophila) Leaf Deformation (Taphrina deformans)	500g 1500g	Apply at bud swell but before the earliest sign of leaf/bud movement.
Pears	Black Spot (Venturia pirina)	500g	Spray at green tip and repeat 10 to 14 days later if conditions allow infection.
Grape	Downy Mildew (Plasmopara viticola)	500g	First apply when shoots are 10 cm long. Apply a second spray at 10-14 days later. Use higher rate when infection levels are particularly high. Donot apply more tan two copper based sprays per season.
Grape	Dead Branch (Phomopsis viticola)	3500gr (Winter application) 500gr(Summer application)	
Olives	Spot(Cyloconium oleaginum)	1000-1500g	



ORGANIC FERTILIZER

CHILL

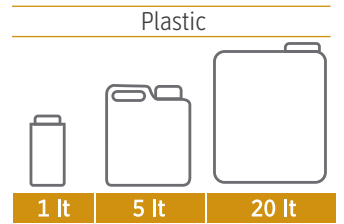
Guaranteed Content

Organic Matter	44
Organic Carbon	16
Total Nitrogen (N)	2
Water Soluble Potassium Oxide (K ₂ O)	6
pH	4-6
VINASSE	%100

Properties: It is an organic product containing potassium which is used in all agricultural areas. Improves soil and plant quality by making nutritional supplement to soil. Since it is used as a natural fertilizer, it contributes to organic agriculture and reduces the fertilizer cost.

Application Method:

PRODUCT TYPE	APPLICATION TIME	DRIP AND SPRINKLER WITH IRRIGATION	APPLICATION FROM LEAF
Open Field Vegetables	3-4 days starting from 10 days after planting	2-3 lt / da	200-300 cc / 100 lt water
In Greenhouses, Ornamental Flowers,	3-4 applications starting from 1 week after planting 15 days apart	2-3 lt / da	200-300 cc / 100 lt water
Cereals:	2-3 applications	1 lt / da	200-300 cc / 100 lt water
Fruit Trees	3-4 applications before and after flowering and in fruit period	2-3 lt / da	200-300 cc / 100 lt water
Tuberous Plants:	3-4 application	2-3 lt / da	200-300 cc / 100 lt water



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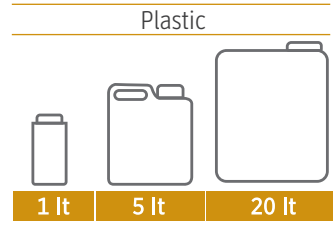


ORGANIC FERTILIZER

AMINOPOWER

CONTENT	% W/W
ORGANIC SUBSTANCE	% 24
ORGANIC CARBON	% 8
ORGANIC NITROGEN	% 1,5
WATER SOLUBLE K2O	% 2
FREE AMINOACIDES	% 8
pH	3,5-5,5
VINASSE	%20
AUXIN MIXTURE	1g/L
CYTOKININ MIXTURE	0,2g/L
GIBBERELLIN	0,2g/L

Amino acids are simple molecules consisting of the breakdown of proteins. Vegetable origin helps to increase the amount of organic matter in the soil. AMINOPOWER accelerates plant metabolism by increasing the chlorophyll content of the plant and increases its yield. The environment makes the plant more resistant to stress conditions and provides the least damage.



Application Method:

PRODUCT TYPE	IMPLEMENTATION PERIOD	FOLIAR APPLICATION (100LT WATER)	SOIL APPLICATION (DECARE)
Tomato, Eggplant, Pepper	Seedling (2 applications)	150-200 cc	3-4 lt / da
	During the development period		
Melon, Watermelon, Cucumber v b. (Cucurbitaceae)	Early development	150-200 cc	3-4 lt / da
	Before the first water		
	At the beginning of arm beat		
	In the fruit		
Cherry, Peach, Apple, Pear, Apricot, Plum, Nectarine etc. (Deciduous trees)	Right after pruning	200-250 cc	4-5 lt / da
	Eyes asleep		
	After the flower or when the first fruit is formed		
	Fruit during ripening		
	Fruit after harvesting		
Olive	Right after pruning	200-250 cc	4-5 lt / da
	Eyes asleep		
	Before the flower		
	In the Koruk period		
	After harvest		
Cotton	Pruning	250-300 cc	5-6 lt / da
	Before the flowering		
	8-10 leaves (only plant rows)		
Citrus	Pre-carding and flowering period	250-300 cc	5-6 lt / da
	The first cocoon period		
	Before flowering		
	After flower		
Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Winter Products and Lettuce	Jun before casting	250-300 cc	5-6 lt / da
	Immediately after the harvest		
	15-20 days after the early development period (2-3 applications)		
Strawberry	At the end of winter	150-200 cc	3-4 lt / da
	Before and after flowering		
	During the harvest with an interval of 15 days		
Ornamental Plants	Rose at the beginning of the awakening period Bud splash	150-200 cc	3-4 lt / da



ORGANIC FERTILIZER

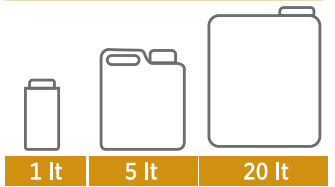
AMINOTAR LIQUID (AMINOACIDE)

CONTENT	% W/W
ORGANIC SUBSTANCE	% 32
ORGANIC CARBON%	7,5
ORGANIC NITROGEN	% 2
WATER SOLUBLE K2O	% 2,4
FREE AMINOACIDES	% 12
pH	4 - 6
AUXIN,CYTOKININ, GIBBERELLIN MIXTURE	15g/L
SEAWEED EXTRACT	%5
FULVIC ACID	%2

LENA AMINOTAR LIQUID (LIQUID AMINOACIDE) helps the plant to synthesize all the protein from the seed to the harvest. It affects the cell division and prolongation in the plant roots positively and increases the formation of the fringe root directly in the plants. Thanks to its special content, it stimulates the growth of the plants, can be used safely in the plants where growth retardation is observed As AMINOTAR LIQUID inhibits the release of substances from plant cells, it increases the resistance of plants against adverse environmental conditions (Soil salinity, Hot, Cold, Water Stress, etc.). AMINOTAR LIQUID increases chlorophyll formation. This increases the production of nutrients, proteins, sugars and organic acids. When used before flowering, it increases the quality of the fruit and when it is used during the fruit development period it increases the fruit size and quality. Extends the shelf life of post-harvest fruit. Increase storage and retention durability.



Plastic



Application Method:

PRODUCT TYPE	IMPLEMENTATION PERIOD	FOLIAR APPLICATION (100LT WATER)	SOIL APPLICATION (DECARE)
Tomato, Eggplant, Pepper	Seedling (2 applications)	150-200 cc	3-4 lt / da
	During the development period		
Melon, Watermelon, Cucumber v b. (Cucurbitaceae)	Early development	150-200 cc	3-4 lt / da
	Before the first water		
	At the beginning of arm beat		
	In the fruit		
Cherry, Peach, Apple, Pear, Apricot, Plum, Nectarine etc. (Deciduous trees)	Right after pruning	200-250 cc	4-5 lt / da
	Eyes asleep		
	After the flower or when the first fruit is formed		
	Fruit during ripening		
	Fruit after harvesting		
	Right after pruning	200-250 cc	4-5 lt / da
	Eyes asleep		
	Before the flower		
	In the Koruk period		
	After harvest		
Olive	Pruning	250-300 cc	5-6 lt / da
	Before the flowering		
Cotton	8-10 leaves (only plant rows)	250-300 cc	5-6 lt / da
	Pre-carding and flowering period		
	The first cocoon period		
Citrus	Before flowering	250-300 cc	5-6 lt / da
	After flower		
	Jun before casting		
	Immediately after the harvest		
Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Winter Products and Lettuce	15-20 days after the early development period (2-3 applications)	200-300 cc	5-6 lt / da
Strawberry	At the end of winter	150-200 cc	3-4 lt / da
	Before and after flowering		
	During the harvest with an interval of 15 days		
Ornamental Plants	Rose at the beginning of the awakening period	150-200 cc	4-5 lt / da
	Bud splash		
	During the development period with 20 day break		

ORGANIC FERTILIZER

AMINOSTAR (AMINOACIDE)

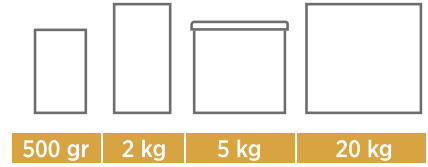
CONTENT	% W/W
Total Organic Matter	% 80
Organic Carbon	% 20
Organic Nitrogen	% 4
Free Amino Acids	% 45
Maximum Humidity	% 20
pH	3 - 5

Amino acids are simple molecules consisting of the breakdown of proteins. Vegetable origin helps to increase the amount of organic matter in the soil.

AMINOSTAR accelerates plant metabolism by increasing the chlorophyll content of the plant and increases its yield. The environment makes the plant more resistant to stress conditions and provides the least damage.



Plastic & Aluminium



VEGETATION	IMPLEMENTATION PERIOD AND EXPENDITURE	APPLICATION DOSE
Cereals, Wheat, Sugar Beet	5-6 applications before flowering from leaf period	40-50 g / da leaves
Industrial Plants	3-5 applications before flowering from leaf period	40-50 g / da leaves
Fruits (Cherry, Kiwi, Walnut, Apple, Pear, Peach, Apricot, Pistachio)	Before bud and flowering, during the period of shoot growth	40-50 g / da leaves
	Fruit formation	50-60 g / da leaves
	In the process of continuing the growth of fruits after flowering	50-60 g / da leaves
Vegetables	8-10 Applications in total	
	3-5 Leaves	40-50 g / da leaves
	3 weeks after flowering	50-60 g / da leaves
Forage Crops	2-3 applications in total	40-60 g / da leaves
Ornamentals	In planting and every 10 days	30-50 g / da leaves
Greenhouse	First planting, 2 weeks after planting and every two weeks	60g / 100L water With 200g / da

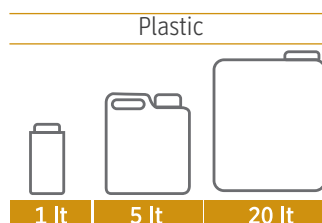


ORGANIC FERTILIZER

OCEAN LIQUID (LIQUID SEAWEED)



CONTENT	% W/W
Organic Matter	14%
Water Soluble Potassium Oxide (K2O)	% 2
Alginic Acid	0,4%
EC	11.4 (dS / m)
pH	9 - 11
Tonik, BNOA, Kinetin, Alginic Acide Mixture	17g/L
Fulvic Acid	%2,5
Aminoacid	%4



OCEAN LIQUID (Liquid Seaweed), which contains many vitamins and plant growth regulators (PGRs) along with organic seaweed, has positive effects on growth and development of the plant .

OCEAN LIQUID, by increasing the strong root growth of plants, intake of the nutrient from the soil and provides a healthy growth of the plant . It allows the reproduction of the seedlings.

OCEAN LIQUID accelerates germination in the seed with the activity of liquid seaweed and plant growth regulators on the enzyme activities, it increases the ability of the plant to survive, and it enables the seedlings to grow faster and at the same time stronger.

OCEAN LIQUID increases the cellular osmotic potential through algae products and BGDs, allowing the cells to retain water. This makes it easier for young trees to bind flowers and fruits. Allows side shoots to wake up, prevents the possibility of early harvest fruit drop and increasing yield.

Application Method:

PLANT	APPLICATION TIME	FOLIAR APPLICATION (100LT WATER)	SOIL APPLICATION (DECARE)
Cucumber , Pepper, Eggplant, Zucchini, Beans, Peas, Tomatoes	1st In the period of implementation ,	150-200 cc	1 lt
	2nd application: 15-20 days after the first application.		
Parsley, Lettuce, Cabbage, Carrot, Cauliflower, Onion,Leek	1st application: During the 5-6 leaves period	150-200 cc	1 lt
	2nd application: 2-3 weeks after the first application.		
Beet	1st application: During the 5-6 leaves period	150-200 cc	1 lt
	In the second week after the first application		
Potato	1st application: Before planting	150-200 cc	1 lt
	The second application is 3 weeks after the 1st application.		
Melon watermelon	1st application: in the arm formation,		
	2nd application: the first fruit formation		
	3rd application: 15-20 days after the second beat.		
Cotton	At the beginning of the first planting,	150-200 cc	1 lt
	2nd Application: Three pre-casings,		
	3rd application: after the cocoon formation.		
Citrus, Lemon, Orange, Mandarin	1st application: Before planting	150-200 cc	1 lt
	1st application: After first fruit occurs		
	3rd application is done during the walnut sized fruit.		
Apple, Pear, Plum, Apricot, Peach, Cherry, Cherry	1st application: after flowering,	150-200 cc	1 lt
	2. Application: 15-20 daysafter the first application.		
Banana	1st Application in mid-month ,	150-200 cc	1 lt
	2. Application: 2 times in 4-6 weeks .		
Strawberry, Raspberry	1st application: Before planting	150-200 cc	1 lt
	2. Application: 2 times 15 days apart after the first application.		
Wheat, Barley, Paddy, Oats	Application is done during the sibling period.	150-200 cc	1 lt
Olives, Nuts, Walnuts	1st application: Before planting		
	2. Application: 2 times 15 days apart after the first application.		
in Flowerpots	It is possible to apply 15 days intervals in each circuit of the plant.	150-200 cc	1 lt

PRODUCT CATALOG

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ORGANIC FERTILIZER

AMIRAL

CONTENT	% W/W
Organic Matter	15%
Water Soluble Potassium Oxide (K ₂ O)	% 2
Alginate Acid	0,1%
EC	26 (dS / m)
pH	9 - 11
AUXIN, GIBBERELLIN MIXTURE	2g/L

AMIRAL (Liquid Seaweed), which contains many vitamins and plant growth regulators (PGRs) along with organic seaweed, has positive effects on growth and development of the plant .

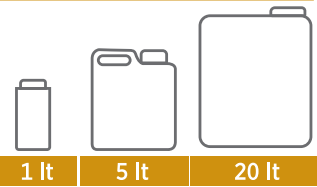
AMIRAL by increasing the strong root growth of plants, intake of the nutrient from the soil and provides a healthy growth of the plant. It allows the reproduction of the seedlings.

Application Method:

VEGETABLES	APPLICATION METHOD AND TIME	FROM SOIL	FROM LEAVES
Cucumber, Pepper, Eggplant, Zucchini, Beans, Peas, Tomatoes	1. in bloom	1 lt/da	150-200cc/100lt water
	2. After the first application, 3 times with 15-20 days intervals		
Parsley, Lettuce, Cabbage, Carrot, Cauliflower, Onion, Leek	1. with 5-6 leaves	1 lt/da	150-200cc/100lt water
	2. 2-3 weeks after first application		
Beet	1. with 3-5 leaves	1 lt/da	150-200cc/100lt water
	2. 2 weeks after first application		
Potatoes	1. before flower	1 lt/da	150-200cc/100lt water
	2. 3 weeks after flowering		
Melon watermelon	1. In the side arm formation	1 lt/da	150-200cc/100lt water
	2. At first fruit formation		
	3. 15-20 days after the second shot		
Cotton	1. At the beginning	1 lt/da	150-200cc/100lt water
	2. Before flower		
	3. After cocoon formation		
Citrus, Lemon, Orange, Tangerine	1. Before flower	1 lt/da	150-200cc/100lt water
	2. After the fruit is formed		
	3. When the fruits are the size of walnuts		
Apple, Pear, Plum, Apricot, Peach, Cherry, Cherry	1. Before flower	1 lt/da	150-200cc/100lt water
	2. 15-20 days after the first application		
Bond	1. When the shoots are 15-20 cm	1 lt/da	150-200cc/100lt water
	2. Before the flower		
	3. In thin grove formation		
	4. Fresh water without walking		
Tobacco	1. During the seedling period	1 lt/da	150-200cc/100lt water
	2. After the first anchor		
	3. After the first slaughter		
Banana	1. Mid May	1 lt/da	150-200cc/100lt water
	2. 2 times 4-6 weeks apart		
Strawberry, Raspberry	1. Before flower	1 lt/da	150-200cc/100lt water
	2. After the first application, 2 times with an interval of 15 days		
Wheat, Barley, Paddy, Oats	In fraternization	1 lt/da	150-200cc/100lt water
Strawberry, Raspberry	1. Before flower	1 lt/da	150-200cc/100lt water
	2. In fruit set		
In the flower bed	15 days apart for each stage of the plant	1 lt/da	150-200cc/100lt water



Plastic



1 lt

5 lt

20 lt



ORGANIC FERTILIZER

LOCEAN

CONTENT	% W/W
Organic Matter	% 45
Alginic Acid	% 4.5
Free Aminoacid	% 0.1 5
Water Soluble K2O	% 12
pH	7 - 9
Cytokinin Gibberellin	0,7 ppm
Aminoacide	%2

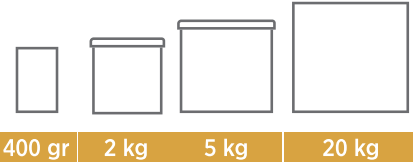
LOCEAN produced organically from fully grown seaweed which does not contain any chemicals. It enables the plant to be kept in shape by increasing the yield.

LOCEAN provides strong root growth, accelerates the germination process, provides a healthy development process and helps the plant to survive. Increases the resistance of plants to environmental sources of stress, such as dry air, insufficient sun, excess water, excessive heat and cold. It supports the formation of new shoots and supports the fruit attitude.

LOCEAN accelerates the formation of chlorophyll in plants, so that the green parts grow better and provides the synthesis of substances such as carbohydrates, proteins and so on.



Plastic & Aluminium



Application Method:

PLANT	APPLICATION TIME	SOIL APPLICATION (DECARE)
Cereals	In the 3-5 leaf stage, mixed with fertilizers, with herbicides or can be used alone.	40 - 50 g / da
Vegetables	It should be applied 2 to 4 times throughout. It should be used before and after flowering.	40 - 50 g / da
Fruits	Before fruit formation, during fruit growth, in shoot growth and during growth of fruits, before flowering	50 - 70 gr / da
Floriculture and green field	Spring, summer and early autumn, before the leaves after the plantation.	50 - 60 g / da
Seeds	For rapid germination and early exit, sat in LOCEAN solution for 1-2 hours	50 gr / 10L
Greenhouse Plants	From planting up to 15 days from the last harvest	70 gr / da
	Drip Irrigation	50-100 g / da
Cotton	In the period of 3-5 leaves	40 g / da
	in bloom	60 g / da
Corn	30 cm tall	40 g / da
	Tassel formation	50 gr / da

PRODUCT CATALOG

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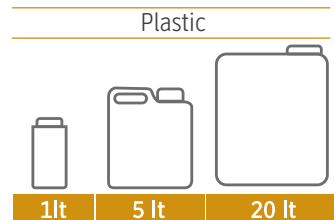
ORGANIC FERTILIZER

FULVICA LIQUID (LIQUID FULVIC ACID)

CONTENT	% W/W
Total Organic Matter	% 10
Total (Humic + Fulvic) Acids	% 1 5
Water Soluble Potassium Oxide (K2O)	% 3
pH	10 - 12
IBA, NAA, TONIK, BNOA MIXTURE	12g/L
AMINOACID	%5

LENA FULVICA LIQUID facilitates absorption by chelating the nutrients in the soil, enhances soil fertility by promoting the increase of beneficial microorganisms in the soil and makes the soil light and permeable by changing the structure of heavy, clay or hard soils.

FULVICA LIQUID intensifies the metabolites of proteins, increases the amount of DNA in the cells and improves RNA synthesis, promotes the root development of impulses, strengthens the plant by creating a strong rooting. Improves product yield and quality.



Application Method:

PLANT	APPLICATION TIME	LEAF (100 LTWATER)	FROM THE SOIL (DEKAR)
Tomatoes, pepper, eggplant	After 10-15 days from planting after 15 days intervals until the end of the harvest ,	200-250 cc	250-400 cc
Cucumber, Melon, Watermelon	Up to the harvesting period before and after 15 days	200-250 cc	250-400 cc
Vegetables (from seed)	20 days after flower and 20 days intervals.	200-300 cc	250-400 cc
Citrus	Leave for 20-30 days before and 20 days after flower.	200-300 cc	250-400 cc
Apple, Pear, Cherry, Cherry, Peach, Quince, Apricot	20 days after flowering and 20-30 days intervals during flowering.	200-300 cc	250-400 cc
Cereals (corn, wheat, barley vb.)	Before sowing, tillering in field preparation prior to mixing herbicides,	400-500 cc	250-400 cc
Sugar beet, potatoes and tuberous plants	In the field preparation before planting mixed with water for irrigation or spraying the leaves with 15 days.	200-300 cc	300-500 cc
Wineyard	10-15 cm when flowering shoots in the pre-development.	200-300 cc	250-400 cc
Green Areas	It is applied before winter And in soil preparation before sowing.	200-300 cc	300-500 cc



ORGANIC FERTILIZER

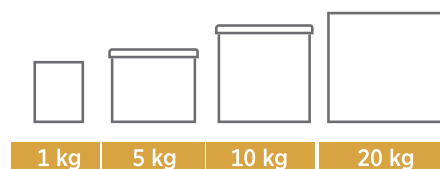
FULVO STAR (FULVIC ACID)

CONTENT	% W/W
Organic Matter	60 %
Total Humic + Fulvic Acid	70 %
Fulvic Acid	% 70
Maximum Humidity	4.5%
Water Soluble K2o	< 1 %
Total Nitrogen	1.1%
pH	4 - 6
Boron Amount	54 ppm



High fulvic acid content of Fulvic STAR comprise plants chlorophyll production by promoting a greener color, Fulvic STAR increases the amount of sugar in fruit and vegetable protein synthesis.

Plastic & Aluminium



Application Method:

PLANT	APPLICATION TIME	FROM SOIL (1 DA)
Cereals	In the 3-5 leaf stage, mixed with fertilizers, with herbicides or can be used alone.	40 - 50 g / da
Vegetables	It should be applied 2 to 4 times throughout. It should be used before and after flowering.	40 - 60 g / da
Fruits	Before fruit formation, during fruit growth, in shoot growth and during growth of fruits, before flowering	50 - 70 gr / da
Floriculture and green field	Spring, summer and early autumn, before the leaves after the plantation.	50 - 60 g / da
Seeds	For rapid germination and early exit, sat in LOCEAN solution for 1-2 hours	50 gr / 10L
Greenhouse Plants	From planting up to 15 days from the last harvest	70 gr / da
	Drip Irrigation	50-100 g / da
Cotton	In the period of 3-5 leaves	40 g / da
	in bloom	60 g / da
Corn	30cm tall	40 g / da
	Tassel formation	50 gr / da

PRODUCT CATALOG

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ORGANIC SOIL REGULATOR

MAMMUT (15% HUMIC ACID)

CONTENT	% W/W
Total Humik + Fulvik Acid	% 15
Organic Matter	% 10
Water Soluble Potassium Oxide (K2O)	% 3
pH	10 - 12

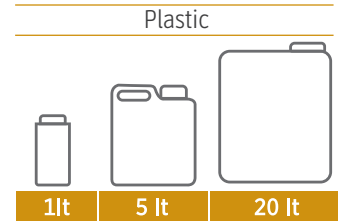
MAMMUT physically; It is an organic soil conditioner which increases the water retention and aerating properties of the roots and soil, improves the seed bed and thickens the color of the soil and enables the absorption of more solar energy.

MAMMUT increases the chemical nitrogen ratios in soil, and resolves salinity in the soil to adjust the pH balance, and the helps plant to take essential nutrients such as phosphorus, potassium, iron, zinc from soil. It provides the release of the fertilizer required in the root area.

MAMMUT accelerates plant growth, development and seed germination as it accelerates biological cell division. It supports rooting, strengthens roots and promotes fringe root formation. As it increases the thickness of cell walls in fruits it increases the quality of the product and increases the storage times and shelf life.

Application Method:

CROP	APPLICATION TIME	CC/100 LT WATER FROM LEAF	CC/DECA FROM SOIL
Tomatoes, pepper, eggplant	Starting 10-15 days after planting, at 15-day intervals until the end of harvest	200-250cc	1000cc
Cucumber , Melon, Watermelon	Before fruit set and 15 days apart until harvest	200-250cc	1000cc
Vegetables (from seed)	20 days after pre-flowering and at 20-day intervals	200-300 cc	1000cc
Citrus	20-30 days before and 20 days after flowering	200-300 cc	1000cc
Apple, Pear, Cherry, Sour Cherry, Peach, Quince, Apricot	During flowering 20 days after flowering and at intervals of 20-30 days	200-300 cc	1000cc
Cereals (corn, wheat, barley, etc.)	By mixing with herbicide before tillering in field preparation before planting.	400-500cc	1000cc
In sugar beet, potato and tuberous plants	In the field preparation before planting and by mixing with irrigation water or by spraying, when the plant has 2-3 leaves, every 15 days.	200-300 cc	1500cc
Vineyard	When the shoots are 10-15 cm, the test attitude and development before flowering	200-300 cc	1000cc
Green Spaces	When entering the winter in the maintenance of lawns in soil preparation before planting seeds	200-300 cc	1500cc





ORGANIC SOIL REGULATOR

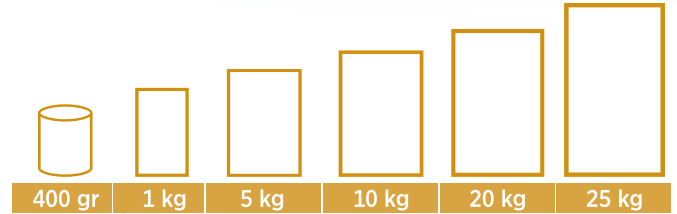
LENA K- HUMAT (POTASSIUM HUMAT)

CONTENT	% W/W
Total Organic Matter	60 %
Total (Humic - Fulvik) Acid	65 %
Water Soluble Potassium Oxide (K2O)	7.5 %
Maximum Humidity	% 20
pH	8 - 10

Potassium, a high proportion of organic matter, humic and fulvic acid containing LENA K-HUMAT regulates the physical, chemical and biological properties of soil and ensures a healthier and stronger growth of plants. Solve the hard structure in the soil and impulse by allowing easy root. This increases the quality and efficiency as well as increases the storage time and shelf life.



Plastic & Aluminium



Application Method:

PLANT	APPLICATION PERIOD	APPLICATION DOSAGE
Greenhouse Plants	Every 10 days from planting	100g / da
Fruit trees	From flowering to harvest time	100g / da
Open Field Crops (Vegetables)	During staging seedling roots are planted	250gr / 100 lt water
	During vegetative growth	200g / da
Cut Flowers	3 applications before flowering	60gr / da
Wheat, Barley, Rice etc.	At the beginning of sibling	60gr / da
Sunflower, Sugar Beet	When plants have 5 - 6 leaves	30g / da
Cotton	When plants have 4 - 5 leaves	50g / da
Beans	Before flowering	60gr / da
Wineyards	Eyes after waking up	100g / da
Lawns, Parks and Gardens	Must be sprinkled and watered. Apply 3 times	20 gr to 1 m2

SPECIAL FERTILIZER

LENA ZYME (0.5 MN + 2.0 ZN)

Manganese (Mn), Zinc (Zn) Liquid Micro Nutrients Mixture
EC Fertilizer

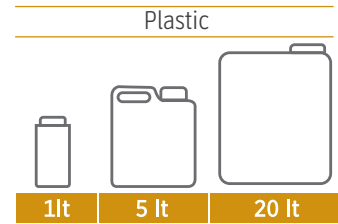
CONTENT	% W/W
Water Soluble Manganese (Mn)	% 0,5
Water Soluble Zinc (Zn)	% 2,0
EDTA Chelated Manganese (Mn)	%0,1
EDTA Chelated Zinc (Zn)	%0,1
AUXIN,CYTOKININ, GIBBERELLIN MIXTURE	10g/L
AMINOACID	%6
FULVIC ACID	%8

LENA ZYME promotes chlorophyll synthesis, metabolism, cell division and vegetative growth by using trace elements in its content. It also accelerates the growth of plants and helps them grow.

LENA ZYME provides fertilization, flower and fruit behavior. Therefore, it provides more fruit and vegetables. It also supports the growth of fruits and vegetables and fruit formation of the same size. LENA ZYME improves yield and ensures the formation of fruit and vegetables at maximum cost. LENA ZYME is also a rust inhibitor in apple and pear.

Application Method:

PLANT	APPLICATION PERIOD	APPLICATION DOSE
Application Dose	First application is made at the beginning of flowering. The second application is made after the petals fall.	100 ml / 100 lt water
Wineyards	First application at the beginning of flowering,	50 - 75 ml / 100 lt water
Hard-core Fruits	First application is made at the beginning of flowering. The second application is made after falling petal leaves.	100 ml / 100 lt water
Soft Core Fruits		
Cereals	The first application is done at the beginning of the sibling. In corn and rice, it is applied when the 2nd knuckle is formed.	50 - 75 ml / 100 lt water
Vegetables	The first application is made at the beginning of flowering in the second application fruit formation.	50 - 75 ml / 100 lt water
Green Leaves	The first application is made when the plants have 4 - 6 leaves. Repeat after 10 -15 days.	50 ml / decare





SPECIAL FERTILIZER

ROCET 7-5-7

EC FERTILIZER

CONTENT	% W/W
Total nitrogen (N)	% 7
Urea Nitrogen (NO3-N)	% 5
Ammonium Nitrogen	% 2nd
Water Soluble Phosphorus Penta Oxide (P2O5)	% 5
Water-soluble Potassium Oxide (K2O)	% 7
AUXIN,CYTOKININ,GIBBERELLIN MIXTURE	12g/L
AMINOACID	%7
FULVIC ACID	%8,5



Essential nutrients in the composition (nitrogen, phosphorus, potassium) and trace elements (zinc, iron, boron, copper, manganese, molybdenum) are necessary for the enzyme activities of the plants that provide a balanced diet of the plant quality, yield. LENA ROCET 7-5-7 facilitates the attachment of young trees to flower and fruit, and encourages the alteration of the buds. When applied in fruit and vegetable trees, bud and flower formation, fruit binding and fruit quality (sugars, proteins, vitamins, aroma substances, etc.) increases, the ratio of female and male flowers to adjust.

LENA ROCET 7-5-7 prevents the fall of fruit with the plant growth regulators in its content, the crop will be bigger, plumpy, harder and colorful with high yield, high quality and market valued, storage and long shelf life.

LENA ROCET 7-5-7 enhances and strengthens the rooting and gripping rate of the plant when used before planting.

Plastic



250 cc

500 cc

1 L

Application Method:

PLANT	DOSAGE OF USE (100LT WATER) (FOLIAR APPLICATION)
Wineyards	60 - 65 gr
Citrus	60 - 65 gr
Olive	60 - 65 gr
Corn and Industrial Plants	60 - 65 gr
Greenhouse Products	60 - 65 gr
Cotton and Field Crops	60 - 65 gr
Cherry, Walnut	60 - 65 gr
Hard and Soft Core Fruits	60 - 65 gr

PRODUCT CATALOG

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SPECIAL FERTILIZER

LIFE

(15-0-0 + ZN)

EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	15%
Water Soluble Zinc (Zn)	% 4
AMINOACID	% 4
AUXIN MIXTURE	2g/L

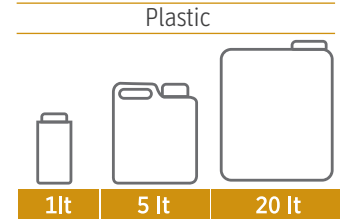
LENA LIFE, is a liquid fertilizer containing zinc and nitrogen which are necessary for all vital system. LIFE's nitrogen content enters the structure of proteins in plants and plays role on development of the plant's green parts, leaves and flower buds. Fertilized flowers turn into fruit, it allows the plant to progress the elongation of roots. LIFE supports leaf formation in fruit trees and prevents badge formation.

LIFE, which is effective in the use of phosphorus and potassium and in the production of magnesium in the plant, increases the activity of a number of enzymes.

The zinc contained in LIFE is the building block of enzymes and, is involved in protein synthesis, carbohydrate metabolism and IAA synthesis.

Application Method:

HERB	APPLICATION TIME	RECOMMENDED DOSAGE
Citrus	When the spring shoots are 2/3 long, it is sprayed on the leaves at three-week intervals.	With 100 cc/decare or 100 liters of water
İraz -Peach-Apricot - Plum	After the plant completes leaf formation	With 100 cc/decare or 100 liters of water
Cereals(Wheat-Barley)	Stem elongation phase , second application in first node formation	With 200 cc/decare or 100 liters of water
Apple Pear	First application during flowering , second application after petals fall	With 100 cc/decare or 100 liters of water
Corn, Cotton	First application before 5-7 leaves, second application after 15 days	With 200 cc/decare or 100 liters of water
Potato-Onion-Carrot	Before flowering	With 100 cc/decare or 100 liters of water
Bond	Two weeks before full bloom , second application between flowering and fruit setting	With 150 cc/decare or 100 liters of water
Tomato-Pepper- Cucumber-Zucchini	In the early period and in case of deficiency	With 200 cc/decare or 100 liters of water
Strawberry	In the early period and in case of deficiency	With 200 cc/decare or 100 liters of water
Hazelnut	Time of exile and in case of deficiency	With 200 cc/decare or 100 liters of water
Pistachios	2 times at 10-15 days intervals 1 month before fruit formation	With 150 cc/decare or 100 liters of water
Soy	Before flowering	With 200 cc/decare or 100 liters of water
Olives	Before flowering	With 250 cc/decare or 100 liters of water
Kiwi	In the early period	With 100 cc/decare or 100 liters of water





SPECIAL FERTILIZER

BLOSSOM

(5-15-0+ZN)

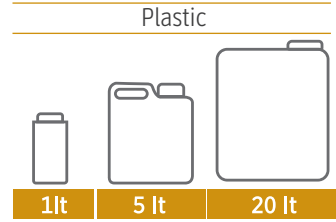
EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 5
Water Soluble Phosphorus Pentoxide (P2O5)	% 15
Water Soluble Zinc (Zn)	% 5
AMINOACID	%5



BLOSSOM; It is a fast-acting, highly balanced NP fertilizer solution containing a mixture of Nitrogen, Phosphorus and Zinc. Thanks to the chelated zinc, it provides a balanced growth of the nodes of the plant and increases flowering and fraternity.

As BLOSSOM increases, it promotes cell proliferation, the germination and root growth of the seeds and provides the plant to work. Facilitate the transport of nitrogen from the soil to the plant. BLOSSOM, which acts as a catalyst with the zinc support, accelerates the growth of shoots and increases the resistance of the plant against stress conditions and ensures that the flowering is smooth and healthy.



Application Method:

PRODUCT	PERIOD OF USE	USAGE DOSAGE WITH IRRIGATION WATER	FOLIAR USE DOSE (IN 100L WATER)
Open Field Vegetables, Tomato, Pepper, Eggplant, Cucumber, Bean, Melon Etc.	From the start of the growing period, every 10 days	2-2.5 L/da	125-175cc
Greenhouse And Greenhouse Vegetables	From the start of the growing period, every 10 days	2-2.5 L/da	125-175cc
Fruit trees	1-2 weeks apart during the vegetative development period.	2-2.5 L/da	150-200cc
Bonds	During active development	2-3 L/da	150-200cc
Olives	Before flowering and after fruit set	2-3 L/da	150-200cc
Citrus	2-3 applications with 10-day intervals during the spring shoot development	2-3 L/da	150-200cc
Hazelnut	During the active development period	2-3 L/da	150-200cc
Strawberry	The vegetative development period	2-3 L/da	150-175cc
Sugar Beet, Potatoes, Carrots	Vegetative development period	2-2.5 L/da	150-200cc
Wheat, Barley, Paddy, Sunflower, Corn, Cotton	During the active development period	2-3 L/da	150-200cc

PRODUCT CATALOG

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SPECIAL FERTILIZER

LENA CAB (CALCIUM + BORON + AMINOACIDE)

EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	%9
Ammonia Nitrogen (N)	%0,5
Nitrate Nitrogen (N)	%8,5
Water Soluble Calcium Oxide (CaO)	%13
Water Soluble Boron (B)	%0,3
AMINOACID	%5
AUXIN MIXTURE	6g/L

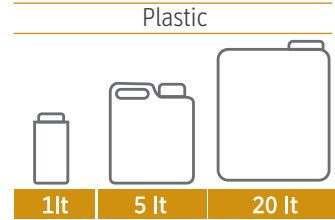


LENA CAB (CALCIUM + BORON: AMINOACIDE) is prepared to strengthen the plant tissue and increase the resistance of the plant against diseases and other conditions; has a formulation that can be easily absorbed by the plant without damaging the cell wall. It plays an important role in cell division, development and protection of cells from toxins.

LENA CAB strengthens fruit and plant tissue and gives resistance to plant and retards aging. It provides hardening, protects against cracking and prolongs the shelflife of the crop.

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT WATER)	FROM SOIL (1 DA)
Tomato, Pepper, Cucumber, Eggplant, Pumpkin, Beans, Artichoke, Potato, Carrot,	4-5 applications during vegetation	150-200 cc	2,5 lt
Open Field Vegetables	4-5 applications during vegetation	150-200 cc	2,5 lt
Fruit Trees	4-5 applications during vegetation	200 cc	2,5 lt
Wineyards	4-5 applications during vegetation	200 cc	2,5 - 3 lt
Banana	4-5 applications during vegetation	200 cc	2,5 - 3 lt





SPECIAL FERTILIZER

LENA PRO SPRINT (6-30-0+TE)

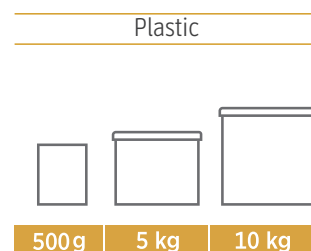
EC FERTILIZER



CONTENT	% W/W
Total Nitrogen (N)	% 6
Ammonium Nitrogen (N)	% 6
Water Soluble Phosphorus Pentoxide (P2O5)	% 30
Water Soluble Zinc (Zn)	% 4,5
Water Soluble Zinc (Zn) Chelated With EDTA	% 2,2
The pH range of chelated zinc with EDTA Stable	6 – 8
AUXIN MIXTURE	% 1,2
AMINOACID	% 12
FULVIC ACID	% 10

LENA PRO SPRINT (6-30-0 + TE) is an NPK fertilizer that plays an active role on the root system. It promotes the formation of new and absorbing capillary fringes in the root system, and has a positive effect on the regeneration process after the treatment of the wounds in the root system. LENA PRO SPRINT also solves the problems in roots as a result of incorrect fertilization and irrigation and keeps the root growth alive.

LENA PRO SPRINT regulates the germination power of the seed, soil structure and nutrient uptake and prevents the formation of harmful and diseased roots causing many root diseases in the soil.



Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Melon, Watermelon, Onion, Potato, Turnip, Carrot, Sh. Beetroot, Garlic v.s	It is applied 2 days before each irrigation after the second anchor.	400 Gr / 100 Litre Su	3 Kg / Dekar
Chickpeas, Lentils, Beans, Soybean Peanuts v.s	It is applied during the season at 15-day intervals after the second anchor.	350 Gr / 100 Litre Su	2,5 Kg / Dekar
Corn, Sunflower, Tobacco, Cotton, etc.	It is applied throughout the season with 21 days apart from the first anchor.	400 Gr / 100 Litre Su	3 Kg / Dekar
Barley, Wheat, Rice	With herbicide	400 Gr / 100 Litre Su
Tomato, Pepper, Zucchini, Eggplant, Cucumber Greenhouse Cultivation	In the form of weekly applications from seedling period,	250 Gr / 100 Litre Su	1,5 – 2 Kg / Dekar
	Seedlings are applied throughout the season with 21 day intervals	300 Gr / 100 Litre Su	2 – 2,5 Kg / Dekar
Curly, Lettuce, Leek, Spinach, Aysberg, Cabbage	It is applied throughout the season with 21 days apart from the seedling period.	300 Gr / 100 Litre Su	2 – 2,5 Kg / Dekar
Apple, Pear, Cherry Cherry, Thyme, Quince	It is applied until the harvest with 21 days intervals after the period.	400 Gr / 100 Litre Su	3 Kg / Dekar veya 200 Gr / Tree
Viticulture, Strawberry and Ornamental Plants	After flowering, application is made during the season with 21 days apart.	250 Gr / 100 Litre Su	1,5-2 Kg / Dekar

PRODUCT CATALOG

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SPECIAL FERTILIZER

LI-ON (NPK + TE)

CONTENT	% W/W
ORGANIC MATERIALS	15%
FREE AMINO ACIDS	2.5 %
TOTAL NITROGEN (N)	3 %
ORGANIC NITROGEN (N)	0.7%
NITRATE NITROGEN (N)	1,1%
AMMONIUM NITROGEN (N)	1.2 %
WATER-SOLUBLE PHOSPHORUS PENTA OXIDE (P2O5)	22 %
TOTAL PHOSPHORUS PENTA OXIDE (P2O5)	22%
WATER-SOLUBLE POTASSIUM OXIDE (K2O)	28 %
WATER-SOLUBLE BORON(B)	0.2 %
WATER SOLUBLE MANGANESE (Mn)	0.1 %
WATER-SOLUBLE MOLYBDENE (Mo)	0.4%
WATER SOLUBLE ZINC (Zn)	0.06%
FULVIC ACIDE	%5
AMINOACIDE	%12
SEAWEED EXTRACT	%2.5
AUXIN, GIBBERELIN AND PROTEIN MIXTURE	%2.8

LI-ON can be used to prevent flower drop and fruit drop, inhibit rooting of beans, promote fruit setting, induce seedless fruit, and also has the effect of ripening, increasing production and weeding.

For sufficient growth and to prevent loss of blossoms on Tomatoes, eggplant, pepper, cucumber, squash, beans, strawberries, watermelon etc.

PLANT	APPLICATION DOSE	
Vegetables	Drip irrigation	200-400 gr / da
Fruits	Drip irrigation	400 gr / da
Citrus	Drip irrigation	400 gr / da
Bond	Drip irrigation	400 gr / da
Olives	Drip irrigation	400 gr / da
Pistachios	Drip irrigation	400 gr / da
Peanut	Drip irrigation	400 gr / da
Potatoes	Drip irrigation	400 gr / da



Plastic



400 g



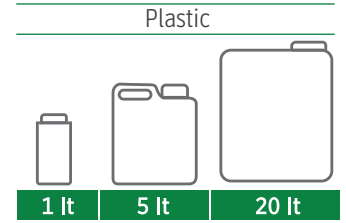
CHEMICAL FERTILIZER

LENA ZINC (%12 ZINC)

CONTENT	% W/W
Water Soluble Zinc (Zn)	% 12



Zinc is one of the important nutrients that increases plant height and branch growth. With LENA ZINC, the plant is prevented from early yellowing, shedding, shrinking. LENA ZINC not only helps to increase the number of shoots, but also prevents dwarfing, improves the appearance of the fruit and prevents deformation and increases fruit holding in fruit trees. It increases the height of the cereals and the thickness of the shank.



Application Method:

PLANT	APPLICATION PERIOD	FROM SOIL (1 DA)	
		FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Cotton	Every time it is necessary	100 - 150 cc	1 - 3 lt
Lentils, cereals	Every time it is necessary	150 - 200 cc	1 - 3 lt
Apricot, Peach, Pistachio	Immediately after flowering	150 - 200 cc	1 - 3 lt
Wineyards	After the first leaf formation	100 - 150 cc	1 - 3 lt
Corn	Every time it is necessary	100 - 150 cc	1 - 3 lt
Peanut	Every time it is necessary	100 - 150 cc	1 - 3 lt
Tomato, Pepper, Cucumber, Eggplant	Every time it is necessary	100 - 150 cc	1 - 3 lt
Cabbage, Broccoli, Cauliflower, Beans	Every time it is necessary	100 - 150 cc	1 - 3 lt
Melon watermelon	Every time it is necessary	100 - 150 cc	1 - 3 lt
Sugar beet	Every time it is necessary	100 - 150 cc	1 - 3 lt
Ornamental Plants	Every time it is necessary	75 - 100 cc	1 - 3 lt
Fruit Seedlings	Every time it is necessary	75 - 100 cc	1 - 3 lt
Citrus fruits, Kiwi	Before and after flowering	150 - 200 cc	1 - 3 lt
Banana, Strawberry	Every time it is necessary	100 - 150 cc	1 - 3 lt

PRODUCT CATALOG

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CHEMICAL FERTILIZER

LENA UP 6-19-0

EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 6
Nitrate Nitrogen (N)	% 3
Ammonia Nitrogen	% 3
Water Soluble Phosphorus Pentaoxide (P2O5)	% 19

LENA UP 6-19-0 is an NP fertilizer solution which is used against nitrogen and phosphorus deficiency in plants, which can be taken easily and quickly from cell membranes, leaves and roots and spread rapidly to the plant.

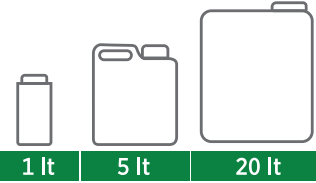
LENA UP 6-19-0 increases the fertilization and flowering behavior of plants with its high phosphorus content and encourages the plant to rooting and flowering. It also increases fruit quality. In addition can be used to offer solutions for unbalanced fertilization, vaccination incompatibility, low soil temperatures.

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Tomato, Pepper, Cucumber, Eggplant, Pumpkin, Beans, Artichoke, Potato, Carrot, Strawberry, Lettuce	4-5 applications during vegetation	150 - 200 cc	200 - 300 cc / 100 lt Water
Fruit Trees	4-5 applications during vegetation	200 cc	2.5 lt
Open Field Vegetables	4-5 applications during vegetation	150 - 200 cc	2.5 lt
Wineyard, Banana	4-5 applications during vegetation	200 cc	200 - 300 cc / 100 lt Water



Plastic





CHEMICAL FERTILIZER

LENA CALCIO

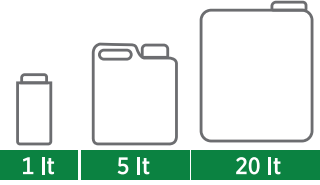
(%15 CALCIUM)

EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 9
Nitrate Nitrogen (N)	% 8,5
Ammonia Nitrogen	% 0,5
Water Soluble Calcium Oxide (CaO)	%15



Plastic



Calcium and nitrogen in LENA CALCIO's composition, is required for the cell wall and plant structure. Calcium allows the growth of the plant to be effective in regulating cell division and prolonging the cells. LENA CALCIO plays an important role in plant defense and tissue resistance against pathogen attack and stress conditions by strengthening the cell wall. (Without the calcium, the root and shoot development of the plant slows down, fruit and vegetables bruises and cracks occur.)

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Tomato, Pepper, Cucumber, Eggplant, Pumpkin, Beans, Artichoke, Potato, Carrot, Strawberry, Lettuce	4-5 applications during vegetation	150 - 200 cc	2.5 lt
Fruit Trees	4-5 applications during vegetation	150 - 200 cc	2.5 lt
Open Field Vegetables	4-5 applications during vegetation	150-200 cc	2.5 lt
Wineyard, Banana	4-5 applications during vegetation	200 cc	2.5 - 3 lt

PRODUCT CATALOG

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CHEMICAL FERTILIZER

LENA FORTIS

(%18 NITROGEN)

CONTENT	% W/W
Water Soluble Urea Nitrogen (N)	% 18
Water Soluble Magnesium (Mg)	%5
AMINOACID	%5

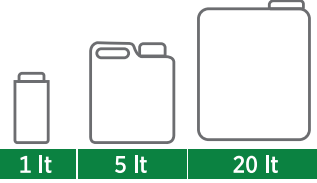
LENA FORTIS is a highly effective liquid fertilizer which contains high amounts of mineral nitrogen in its content, provides urea support to plants and can be used for all plants.

LENA FORTIS supplies Nitrogen that can be taken quickly by plants and provides slow and gradual and regular feeding of the plant. LENA FORTIS increases Chlorophylla which is important for photosynthesis and cell proliferation with the help of high nitrogen during the plant's development starting from the beginning providing the plant a proper vegetative growth.

USAGE AREA	APPLICATION WITH DRIP IRRIGATION (IN 100L WATER)	FOLIAR APPLICATION (CC/DECARE)
In all outdoor vegetables	350-400cc	500-550
In all greenhouse vegetables	300-350 cc	450-500
In Cut Flowers	300-350 cc	450-500
All Hard and Soft In Seed Fruits	350-400cc	500-550 (or 50cc per tree)
In the vineyards	300-350 cc	350-400 (or 30cc per tree)
Citrus, Fig, Olive	350-400cc	500-550 (or 50cc per tree)
In All Industrial Plants	450-500cc	550-600
In All Grains	450-500cc	---
In Green Fields	550-600cc	---



Plastic



1 lt

5 lt

20 lt



CHEMICAL FERTILIZER

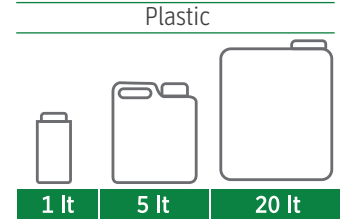
LENA CARE 10-10-10

EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 10
Urea Nitrogen (N)	% 10
Water Soluble Phosphorus Pentoxide (P2O5)	% 10
Water Soluble Potassium Oxide (K2O)	% 10



LENA CARE 10-10-10 has high fertilization power and high purity of its content, with full absorption capacity, is characterized to provide rapid and excellent access to the plant. Potassium is necessary for enzyme activity in plants and has a positive effect on the balanced growth of plants, the photosynthesis, the transfer of photosynthetic products from leaf to fruit, as well as flowering and vegetable/fruit development. In addition to increasing the quality and yield of fruit LENA CARE 10-10-10 helps plant to be resistant in stress conditions.



Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Tomato, Pepper, Cucumber, Eggplant, Pumpkin, Beans, Artichoke, Potato, Carrot, Strawberry, Lettuce	4-5 applications during vegetation	200 - 250 cc	2.5 lt
Fruit Trees Open Field Vegetables	4-5 applications during vegetation	150 - 200 cc	2.5 lt
Wineyards, Banana	4-5 applications during vegetation	200 cc	2.5 - 3 lt

CHEMICAL FERTILIZER

LENA CARE POTASSIUM LIQUID 4-0-25

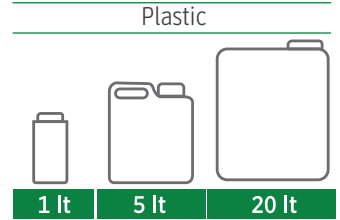
EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 4
Urea Nitrogen (N)	% 4
Water Soluble Potassium Oxide (K ₂ O)	% 25

LENA CARE POTASSIUM LIQUID promotes the proliferation of beneficial microorganisms in the soil, thanks to its essential elements and carbohydrates. LENA CARE POTASSIUM LIQUID makes the nutrient compounds in the soil available to the plant by producing a positive result on the chemical structure of the soil and facilitating the balanced nutritioning of the plant. Because it does not contain sodium and chlorine, it can be used safely in all plants.

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT)	FROM SOIL (1 DA)
Tomato, Pepper, Cucumber, Eggplant, Pumpkin, Beans, Artichoke, Potato, Carrot, Strawberry, Lettuce	4-5 applications during vegetation	150-200 cc	2,5 lt
Open Field Vegetables	4-5 applications during vegetation	150-200 cc	2,5 lt
Fruit Trees	4-5 applications during vegetation	200 cc	2,5 lt
Wineyards	4-5 applications during vegetation	200 cc	2,5 - 3 lt
Banana	4-5 applications during vegetation	200 cc	2,5 - 3 lt

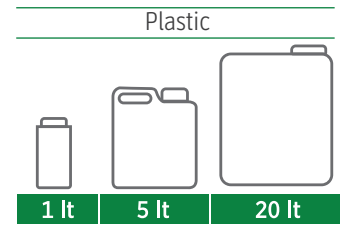




CHEMICAL FERTILIZER

LENA BOR 10 (%10 BORON)

EC FERTILIZER



CONTENT	% W/W
Water Soluble Boron (B)	% 10

Boron is a nutrient that accelerates the development and growth of meristem tissue. LENA BOR 10 prevents the formation of loose structure in leaves and branches due to boron deficiency. In addition, boron is effective on nucleic acid metabolism on the plant, carbohydrate transport, photosynthesis and protein metabolism, revitalizes growth points, encourages the formation of flowers and fruits.

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT WATER)	FROM SOIL (1 DA)
Open Field And Greenhouse Vegetables	1. Application: After planting seedlings 2. Application: First application. After 15 days	100 gr - 150 gr	1 - 2 kg
Fruits (Apple, Pear, Cherry, Apricot, Plum, Peach, Almond, Hazelnut, Walnut Olive)	1. Application: Before flowering 2. Application: After harvest	100 gr - 150 gr	1 - 2 kg
Cotton	Before the cocoon formation	100 gr - 150 gr	2 - 3 kg
Strawberry	1. Application: Before flowering 2. Application: 15 days after the first application	100 gr - 150 gr	1 - 2 kg
Citrus fruits, Banana, Olive	Before harvest after flowering Before flowering	100 gr - 150 gr	2 - 3 kg
Wineyard, Kiwi	1. Application: eye blistering 2. Application: Before flowering	100 gr - 150 gr	1 - 2 kg
Farm plants (Wheat, Barley, Rice)		100 gr - 150 gr	1 - 2 kg
Legumes (Beans, Chickpeas, Lentils)	1. Application: Before planting from soil 2. Application: When the plant height is 15-20 cm	100 gr - 150 gr	1 - 2 kg

PRODUCT CATALOG

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CHEMICAL FERTILIZER

LENA COPPER

(%5 COPPER)

EC FERTILIZER

CONTENT	% W/W
Water Soluble Copper (Cu)	% 5

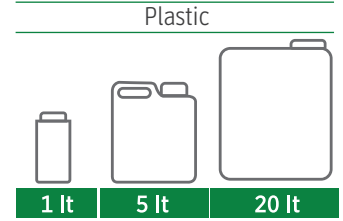
The copper element in LENA COPPER content is an indispensable requirement of chlorophyll synthesis.

LENA COPPER promotes the formation of proteins and vitamins in the plant, while at the same time inhibiting the growth and developmental deceleration due to copper deficiency, shrinking of the young leaves and drying of the fruit trees at the ends.

LENA COPPER promotes flower and fruit formation of the plant.

Application Method:

PLANT	APPLICATION PERIOD	FROM LEAVES (100 LT WATER)	FROM SOIL (1 DA)
Fruit trees, Citrus fruits, Wineryard, Nuts	Leaf application 1-3 applications per season	150 - 200 cc	500cc - 1lt
Garden plants, Ornamental plants	Leaf application 1-3 applications per season	150 - 200 cc	500cc - 1lt
Industrial crops, Cereals, Strawberries	Leaf application 1-3 applications per season	150 - 200 cc	500cc - 1lt





CHEMICAL FERTILIZER

LENA COMBI (MICROELEMENTS)

EC FERTILIZER

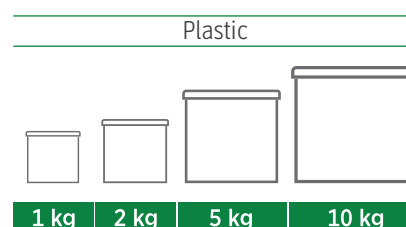
CONTENT	% W/W
Water Soluble Boron (B)	% 1
Water Soluble Copper (Cu)	% 1
Water Soluble Iron (Fe)	% 7
Water Soluble Manganese (Mn)	% 7
Water Soluble Zinc (Zn)	% 5
Stable pH Range	3-5
FULVIC ACID	%6
TONIK MIXTURE	%0,7

Thanks to LENA COMBI, containing high levels of iron, zinc, manganese and a large number of trace elements, it does not only meet the plant needs, but also the expected quality and yield in the product. Provides all trace elements to the plant which can not be taken by the plant at all periods of its development. In this way, the plant never falls below the fasting limit of the nutrient elements, the yield losses due to deficiencies and diseases are prevented.

As LENA COMBI contains enzymes that increase growth and chlorophyll synthesis, plant water uptake, new cell formation and cell membrane permeability, it improves pollen powders and increases fruit behavior. Thanks to the trace elements, carbohydrate and protein is active in the formation of a balanced diet, protects the plant against stress conditions, provides high quality and abundant product.

Application Method:

PLANT	APPLICATION PERIOD	USAGE (100 LT WATER)
Tangerine, Orange, Lemon, Grapefruit	1.Application in flowering period,	150 / 250gr
	2.Application of fruit attitude,	150 / 250gr
	3.Application is made the day before harvest.	150 / 250gr
Peach, Apricot, Hazelnut, Walnut, Pomegranate, Apple, Cherry, Quince, Plum, Cherry	1.Application, Drip irrigation method with pink bud period or when flowers bloom 5-10%,	1kg / da
	2.Application of fruit attitude,	150 / 250gr
	3. application is applied before harvest.	1kg / da
Grapes, Olive	1. application before flowering,	150 / 250gr
	2. Application after flowering,	150 / 250gr
	3. Application is made in early autumn.	150 / 250gr
Cotton	1. application when the plant height is 10-15cm,	150 / 250gr
	2. Application in comb formation	150 / 250gr
	3. application is when the first cocoons begin to form.	150 / 250gr
Tobacco	1. Application of the plant while on the pillow,	150 / 250gr
	2. After applying the field of confusion to the application,	150 / 250gr
	3. Application is done after 15 days.	150 / 250gr
Corn, Sunflower	1. Application When the plant height is 10-15cm,	150 / 250gr
	2. After 15 days of application,	150 / 250gr
Wheat, Barley, Rice, Rye	During the sibling period, a single application is carried out with foreign herb drugs.	150 / 250gr
Strawberry	The first application during the flower period, the second application is done at 15 day intervals.	150 / 250gr
Tomato, Cucumber, Pepper, Stuffed Pepper, Eggplant, Zucchini and Other Vegetables	When the seedlings are on the pillow, 50cc is added to a can of water and applied. 1. application is carried out before flowering and application is continued at 15 day intervals until the end of harvest.	150 / 250gr
Chickpeas, Lentils, Peas, Broad Beans, Beans, Okra,	The first application is applied after the leaves are formed by the drip irrigation method and the second application is made after 15 days.	1kg / da
Sugar Beet, Potato, Onion, Garlic, Radish, Carrot,	First application in first anchor and second application after 15 days.	150 / 250gr
Watermelon, Lettuce, Spinach, Cabbage, Cauliflower, Leek, Artichoke, Celery	1st application When the leaves begins to form, the second application is done 15 days later.	150 / 250gr





CHEMICAL FERTILIZER

BLENDER (LIQUID MICROELEMENTS)

EC FERTILIZER

BORON (B) COPPER (Cu SULFATE) IRON (FeSULPHATE)
MANGANE (MnSULFATE) MOLYBDENE (Mo) ZINC (ZnSULFATE)

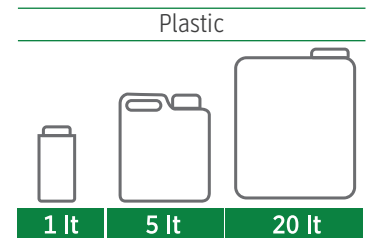


GUARANTEED CONTENT	% W/W
Water-soluble Boron (B)	0.2
Water-soluble Copper (CuSulphate)	0.2
Water-soluble Iron(FeSulphate)	2.1
Water-soluble Manganese (MnSulphate)	1.0
Water soluble Molybdenum (Mo)	0.1
Water-soluble Zinc (Zn Sulphate)	1.5
pH	3-5
FULVIC ACID	30g/L
AUXIN MIXTURE	5g/L

Application Method:

Containing high levels of iron, zinc, manganese and a large number of trace elements, it does not only meet the plant needs, but also the expected quality and yield in the product. Provides all trace elements to the plant which can not be taken by the plant at all periods of its development. In this way, the plant never falls below the fasting limit of the nutrient elements, the yield losses due to deficiencies and diseases are prevented.

Contains enzymes that increase growth and chlorophyll synthesis, plant water uptake, new cell formation and cell membrane permeability, it improves pollen powders and increases fruit behavior. Thanks to the trace elements, carbohydrate and protein is active in the formation of a balanced diet, protects the plant against stress conditions, provides high quality and abundant product.



PLANT NAME	APPLICATION TIME	Plastic	
		FROM THE LEAF CC/decare (with 100L Water)	CC/decare with DRIP IRRIGATION (with 1 Ton of Water)
Tomato, Pepper, Eggplant, Cucumber	From planting to the growing period	200-250	500-1000
Strawberry	From planting to the growing period	200-250	500-1000
Watermelon, Melon, Pumpkin	From the period when the plants have 2-3 leaves	200-250	500-1000
Vineyard, Kiwi	1.Application: before flowering 2.Application: After fruit set 3. Application: During the fruit growing period 4. Application: During the development period	250-300	500-1000
Banana			
Hazelnut, Walnut, Pistachio			
Citrus			
Cherry, Cherry, Peach, Apricot, Plum			
Apple, Pear, Quince			
Olives			
Corn-Sunflower	1.Application: When the plants are 15-20cm 2.Application: When the plants are 40-50cm	250-300	500-1000
Potatoes, Sugar Beets, Carrots	1. Application: When the plants have 4-5 leaves 2.Application: During the tuber growth period	250-300	500-1000
Wheat, Barley, Paddy	From the fellowship period	200-250	-
Cotton	From the period when the plants have 3-4 leaves	200-250	500-1000
Beans, Chickpeas, Lentils	During the Development Period	200-250	500-1000
Leafy Vegetables			
(Lettuce, Curly, Cabbage)			
Green Fields, Ornamental Plants			



CHEMICAL FERTILIZER

LENA CARE PHOSPHORUS 10-40-10+ME

NPK FERTILIZER

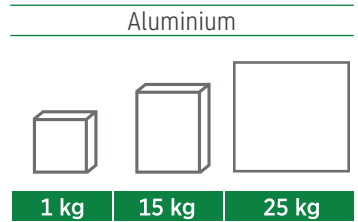


CONTENT	% W/W
Total Nitrogen (N)	% 10
Ammonium Nitrogen (N)	% 2,5
Nitrate Nitrogen (N)	% 7,5
Water Soluble Phosphorus Pentoxide (P2O5)	% 40
Water Soluble Potassium Oxide (K2O)	% 10
Water Soluble Iron (Fe) Chelated With EDTA	% 0,05
Water Soluble Molibden (Mo)	% 0,1
Water Soluble Zinc (Zn) Chelated With EDTA	% 0,03
Stable pH range of EDTA Chelated Iron (Fe), Zinc (Zn)	4 - 6

LENA CARE PHOSPHORUS is a high phosphorus fertilizer designed for rapid and even rooting. High phosphorus promotes the regular and rapid growth of the root system and initiates the formation of the plant's reproductive system. As a result of this, simultaneous and strong flowering is ensured and fruit formation increases with seed formation. LENA CARE PHOSPHORUS enhances the resistance of plants against diseases by increasing the resistance of the plant against cold and drought and increases the shelf life of fruits

Application Method:

PLANT	Aluminium	
	FROM LEAVES (100 LT WATER)	FROM SOIL (1 DA)
Watermelon, melon	150 - 200 gr / da	500 gr-1 Kg
Tomato, Pepper, Legumes, Eggplant Cucumber, Pumpkin	150 - 200 gr / da	500 gr-1 Kg
Fruit trees	200 - 250 gr / lt	1 - 2 kg
Citrus	150 - 200 gr / da	1 - 2 kg
Olive	200 - 250 gr / lt	1 - 2 kg
Strawberry	150 - 200 gr / da	500gr - 1 Kg
Banana	200 - 250 gr / lt	500gr - 1 Kg
Wineyard, Flower	150 - 200 gr / lt	500gr - 1 Kg
Cotton	150 - 200 gr / lt	500gr - 1 Kg
Beet	150 - 200 gr / da	500gr - 1 Kg





CHEMICAL FERTILIZER

LENA CARE POTASSIUM 10-05-40+ME

NPK FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 10
Ammonium Nitrogen (N)	% 5,7
Nitrate Nitrogen (N)	% 4,3
Water Soluble Phosphorus Pentaoxide (P2O5)	% 5
Water Soluble Potassium Oxide (K2O)	% 40
Water Soluble Iron (Fe) Chelated With EDTA	% 0,02
Water Soluble Zinc (Zn) Chelated With EDTA	% 0,01
Stable pH range of EDTA Chelated Iron (Fe), Zinc (Zn)	2 - 4

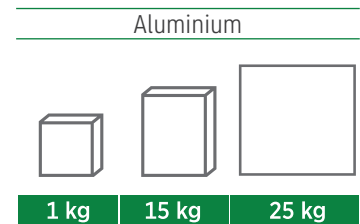


LENA CARE POTASSIUM is a potassium-based nutrient that is needed for high yields and high quality products. Since CARE POTASSIUM also contains the nitrogen necessary for plant growth, it increases the fruit ratio and increases the market value by increasing the crops shelf life.

LENA CARE POTASSIUM is a fertilizer which can be applied from planting until the end of harvest since it is a fertilizer that targets the quality fruit.

Application Method:

PLANT	FROM LEAVES (100 LT WATER)	FROM SOIL (1 DA)
Watermelon, melon	150 - 200 gr / da	500 gr-1 Kg
Tomato, Pepper, Legumes, Eggplant	150 - 200 gr / da	500 gr-1 Kg
Cucumber, Pumpkin		
Fruit trees	200 - 250 gr / lt	1 - 2 kg
Citrus	150 - 200 gr / da	1 - 2 kg
Olive	200 - 250 gr / lt	1 - 2 kg
Strawberry	150 - 200 gr / da	500gr - 1 Kg
Banana	200 - 250 gr / lt	500gr - 1 Kg
Wineyard, Flower	150 - 200 gr / lt	500gr - 1 Kg
Cotton	150 - 200 gr / lt	500gr - 1 Kg
Beet	150 - 200 gr / da	500gr - 1 Kg





CHEMICAL FERTILIZER

LENA CARE EQUAL (20-20-20 +ME)

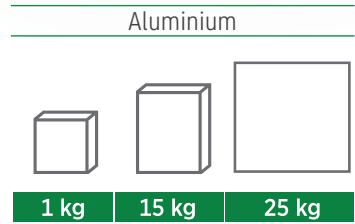
EC FERTILIZER

CONTENT	% W/W
Total Nitrogen (N)	% 20
Ammonium Nitrogen (N)	3.7%
Nitrate Nitrogen (N)	4.7%
Urea Nitrogen (N)	% 11,6
Water Soluble Phosphorus Pentaoxide (P2O5)	% 20
Water Soluble Potassium Oxide (K2O)	% 20
Water Soluble Iron (Fe) Chelated With EDTA	0.3%
Water Soluble Zinc (Zn) Chelated With EDTA	0.3%
EDTA Chelating Stable pH range Iron (FE), Zinc (Zn)	3 - 5

Properties: LENA CARE EQUAL 20-20-20 + ME is NPK fertilizer containing nitrogen, phosphorus and potassium in a balanced manner. It increases the resistance of the plant against cold, drought and diseases and it has a direct effect if applied in the disease. LENA CARE EQUAL promotes impulse and seed formation thanks to the intense NPK content. It accelerates root formation and development. As a result, the flowering and fruit provides a good run. It promotes high efficiency and quality product formation.

Application Method:

PLANT	FOLIAR (100 LT WATER)	SOIL (1 DA)
Watermelon, melon	150 - 200 gr / in	500 gr-1 Kg
Tomato, Pepper, Legumes, Eggplant Cucumber, Pumpkin	150 - 200 gr / in	500 gr-1 Kg
Fruit trees	200 - 250 gr / l	1 - 2 kg
Citrus	200 - 250 gr / l	1 - 2 kg
Olive	200 - 250 gr / l	1 - 2 kg
Strawberry	150 - 200 gr / decar	500gr - 1 Kg
Banana	200 - 250 gr / l	500gr - 1 Kg
Vineyard , Flower	150 - 200 gr / l	500gr - 1 Kg
Cotton	150 - 200 gr / l	500gr - 1 Kg
Beet	150 - 200 gr / l	500gr - 1 Kg



PRODUCT CATALOG

lenatarim.com.tr

SOIL REGULATORS & SPREADERS

LENAGRO PH (800 G/L LIQUID SULPHUR)

CONTENT	% W/W
Sulphur (S)	800g/l

In the soil where watering is done, there is salt and lime accumulation in the soil due to the continuous and unconscious use of fertilizer or for different reasons. LENAGRO PH provides a positive contribution to soil aeration and water retention capacity and thus prevents skimming formation on the soil. LENAGRO PH is also used as a rooting agent because it facilitates the uptake of iron, zinc and phosphates from the soil.

LENAGRO PH, due to its high sulfur content, has fungicidal properties and antifungal effect in the area it is applied increases the plant's disease resistance and treats some root diseases.

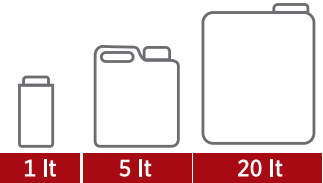
LENAGRO PH removes the lime by lowering the pH of the calcareous waters and opens the congestion in drip irrigation pipes.

Application Method:

USE AS	APPLICATION PERIOD	DOSAGE
Impact on soil structure	Soil preparation stage	3 lt / da
Fungicide	Cultivation and mammalian rust	150 – 200 cc / 100 lt water
Acaricide	Acaricide (red spider, straw mite)	150 – 200 cc / 100 lt water



Plastic



1 lt

5 lt

20 lt

NON-IONIC ADHESIVE SPREADER

LENA FULLSPREAD (ORGANIC SILICONE)

Organic Silicon LENA FULL SPREAD provides much better and homogenous spread of pesticides and fertilizers on the plant surface by decreasing the surface tension of the particles and increasing the efficiency and performance.

LENA FULL SPREAD, which is mixed directly into the water such as irrigation water, liquid fertilizers, pesticides and plant growth regulators, improves the wettability, surface penetration performance and effectiveness of the liquid by providing a more balanced and faster spread on the crop and leaf surface. Prevents the lens effect due to non-dispersion of water drop and does not cause burns such as conventional spreading adhesives.

LENA FULL SPREAD, due to its rain-proof (resistant) properties, reduces the cost of repeated spraying and leaves no residues on the plant surface and fruit, it is harmless to the users, the environment and natural life.

Application Method:

USE TOGETHER WITH	USAGE AMOUNT
Fungicides, Insecticides, Acaricides,	10 ml
Plant Growth Regulators	10 ml
Herbicides	25 ml
Aircraft applications and to reduce water use	50 ml



Plastic



100 ml



NON-IONIC ADHESIVE SPREADER

PHIDELITY FILM

(PH DECREASING NON-IONIC ADHESIVE SPREADER)

PHIDELITY FILM; high quality pH decreasing agent increases the effectiveness of the drugs and fertilizers used together by providing better distribution and adhesion on plant surfaces and preventing the plant from being washed in bad weather conditions.

PHIDELITY FILM prevents the deterioration of the drugs due to high pH of the alkaline water by decreasing the pH.

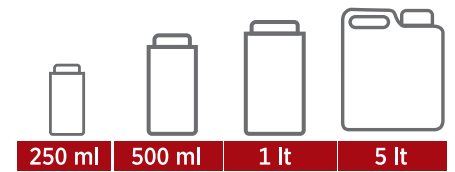
PHIDELITY FILM can be mixed with agrochemicals except for the Bordeaux Mixture. Thus, the highest yield is obtained from the preparation.

Application Method:

USE TOGETHER WITH	USAGE AMOUNT
Insecticides	50 cc
Fungicides	50 cc
Herbicides	50 cc
Plant Growth Regulators	50 cc



Plastic



NON-IONIC ADHESIVE SPREADER

LENA FILM

LENA FILM is a high quality adhesive spreader that helps spreading of the fertilizers, pesticides, herbicides, Insecticides, fungicides and similar preparations for a long time to increase and penetrate their effect without leaving any residue on the crop, so high efficiency is obtained from the chemicals.

The effect of the plant growth regulators will be better with Lena Film application, and thus the highest yield of the preparation is obtained.

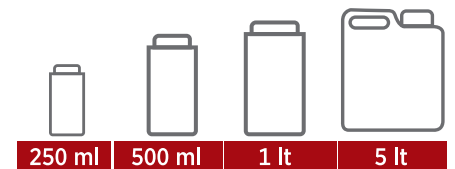
Lena Film can also be used for the cleansing of the application machinery.

Application Method:

USE TOGETHER WITH	USAGE AMOUNT
Insecticides	50 cc
Fungicides	50 cc
Herbicides	50 cc
Acaricides	50 cc
Plant Growth Regulators	50 cc
LENA GIBB	70 cc
Water soluble powders	300 cc
Leaf Fertilizers	50 cc
Cleaning of sprayers	300 cc



Plastic



PRODUCT CATALOG

lenatarim.com.tr



MODIFIED ORGANIC OIL

LENA CHEM

(MODIFIED ORGANIC VEGETABLE OIL)

SOFTENING AND COVERING DIPPING OIL CONCENTRATE

Lena-Chem can keep the golden yellow color of the dried grapes, dipping solution is easily prepared, homogeneity of the mixture is maintained for a long time

Lena-Chem does not leave any residue. The quality of dried grapes increases.



Application Method:

PLANTS	APPLICATION
Sultanas	Mix 100 lt water 2 liters LenaChem and 5 kg Potassium Carbonate Grapes can be dipped into the solution before drying

Plastic



4 lt

GRAFTING WAX

LENA MASTERWAX

LENA MASTERWAX can be applied directly to the vaccine area without heating. LENA MASTERWAX cannot be cracked because of the frost, cold or rain LENA MASTERWAX is a vaccine paste that does not washed, it is useful for easier and quick closing of vaccine wounds. LENA MASTERWAX can be used safely in all kinds of trees, seedlings, hangings and other grapes.

LENA MASTERWAX's curative features contribute the quick recovery of the wound.

PREPARATION AND APPLICATION FORM:

For the citrus fruit disease (Phytophthora citrophthora) and wounded trees, wound should be coated with LENA MASTERWAX paste after the wound has completely cleaned.



Plastic



250 gr

500 gr

1 kg

TECHNICALS	PURITY
IBA	98% TC
GA3	90%TC
NAA	98% TC
NAD	98% TC
FULVIC ACID	82%
AMINO ACID	45%
SEAWEED	6.6%
SODIUM SALTS	98% TC
ALGINIC ACID	100% TC
IAA	98% TC
6-BA	98% TC
BNOA	95% TC
4-CPA	99% TC
CPPU	99%TC
ZEATIN	98% TC
6-KT (KINETIN)	98%TC
GA4+7	90% TC
PACLOBUTRAZOL	25% SC
NATCA	99% TC
DA-6	98%TC
TRIACONTANOL	90%TC
FOLIC ACID	98%
CHITOSAN (OLIGOSACCARIDE)	90% TC
SALYSILIC ACID TECH GRADE	98%
COPPER SULPHATE	25%
COPPER SULPHATE MONO	27%
ORGANIC SOLVENT	100%



Tarım Ürünleri Üretim
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