





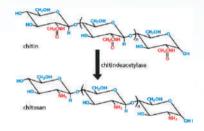
ADAGA CHITOSAN

DEACETYLATION OF THE CLAY



WHAT IS KITIN?

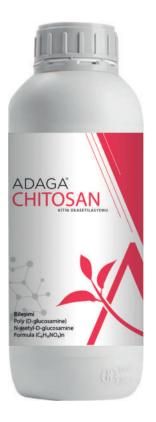
Chitin is the second most widely available biopolymer in the world after cellulose. It is the main component of shellfish such as crab and shrimp, and is also found in the skeleton of insects and the cell walls of fungi.



WHAT IS KITOSAN?

Chitosan is a linear aminopolysaccharide obtained by deacetylation of chitin. Deacetylated chitin is called chitosan.







DO YOU KNOW THE EFFECTS ON AGRICULTURE?

- The biggest advantage of chitosan is that it is a renewable resource and an environmentally friendly natural bio polymer.
- As it is a natural body component, it is biodegradable and non-toxic.
- It has antibacterial, antiviral and antifungal effects as well as insecticidal and nematicidal properties.
- There are two mechanisms against diseases and pests.

The first of these is:

On the surface of the cell, chitosan forms a polymer membrane that prevents nutrients from entering the cell.

The second mechanism is;

It prevents the development of the disease and its spread to different tissues by creating physical barriers at the penetration sites of pathogens.

- Chitosan also binds to the DNA of the microorganism, inhibiting mRNA and protein synthesis and inhibiting the growth of the microorganism.
- Ohitosan prevents the uptake of toxic metals in plants and increases yield.
- Chitosan enhances plant natural defenses, making them strong under abiotic and biotic stress conditions.
- Chitosan ensures that the pesticides and fertilizers used are spread homogeneously on the leaf surface.
- Increases the biological effect of pesticides.
- Chitosan can be used as a seed coating agent in plants.
- It prevents clogging of the conduction bundles of plants and contributes to their regular functioning.
- Inhibits the production of metabolites such as Aflatoxin and Ochratoxin by Aspergillus flavus in products such as corn, hazelnuts, pistachios, grapes and figs.
- Chitosan acts as a chelating agent, selectively binding to metals and inhibiting toxin production and microbial growth.
- Chitosan helps to heal damaged plant tissues. It promotes nutrient uptake and contributes significantly to plant growth.

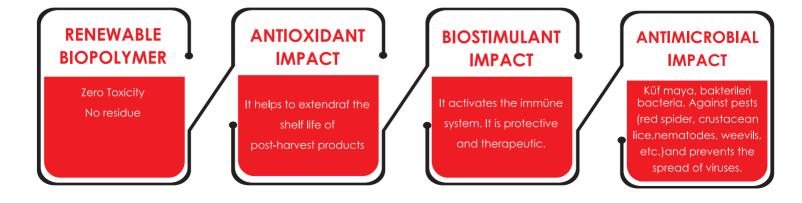


TABLE OF CONTENTS

06. PREMIUM AMINO 20
07. ADAGA COP
09. NANO WET
10. NANO COP
11. HEMBER
12. SOIL SC
13. NAMO - KAR
14. COMBI
15. CAL - PLUS B
16. FOSFO 5 - 20 - 0
17. NITRO-20
18. POT - 25
19. 0-20-20
20. 10.10.10
21. CALBOR
22. ZINC
23. FORTUS 3-0-18
24. ZNP 5-15-0+ME
25. LIFE ROOT
26. CHITO FOOT

ADAGA® PREMIUM AMINO 20

ANIMAL ORIGIN

LIQUID ORGANIC FERTILIZER CONTAINING AMINO ACIDS

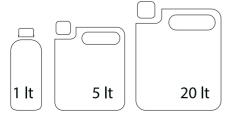
BY ENCOURAGING VEGETATIVE **GROWTH IMPROVES EFFICIENCY AND QUALITY.**

- Liquid fertilizer containing amino acids of animal origin, root development of more robust and deeper root systems helps them to create.
- It stimulates the flowering processes of plants and increases fruit formation, allowing you to obtain more and better quality crops.

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No.		
Garanti Edilen I Organik Madde Organik Karbon Organik Azert Serbest Azerto pH Araligi		% W/W % 55 % 12 % 8 % 20 5-7

Guaranteed Content:	%W/W
Organic Matter	% 55
Organic Carbon(N)	% 12
Organic Nitrogen(N)	% 8
Free Amino Acids	% 20
pl I range	5-7







PURPOSE OF USE

ADAGA PREMIUM AMINO 20 promotes root development supporting more resilient and deeper root systems contributes to their creation.



MIXABILITY

ADAGA PREMIUM AMINO 20 should not be mixed with mineral oils and copper-based pesticides. Before mixing with other plant nutrition or protection products, a preliminary test should be carried out.

USAGE DOSAGE

With Foliar Application	200-250 cc / 100 L
Drip irrigation	1-3 L / decare







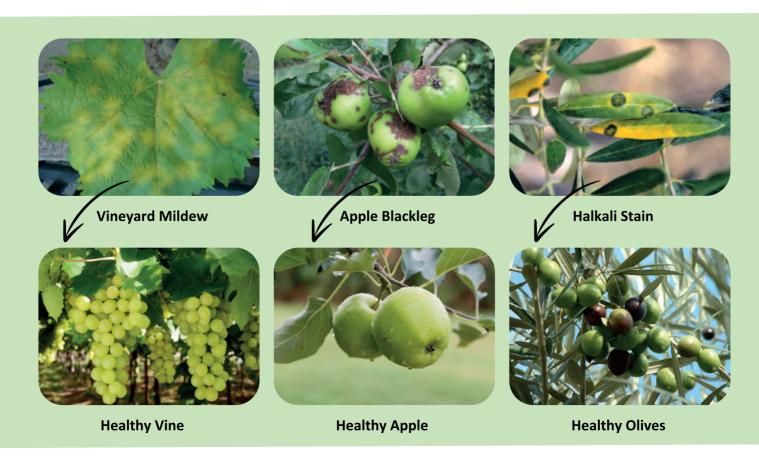
ADAGA® Suspension Concentrate (SC)

ORGANIC FARMING AND INTEGRATED FIT FOR THE CHALLENGE

Adagacop®, offers superior quality and with unique formulation improved copper groups is a new fungicide.

Guaranteed Content:

Metallic Copper Equivalent Sulfate 65,82 g/L



ADAGA COP

INNOVATIVE TECHNOLOGY, ORIGINAL FORMULATION ADAGA A.Ş PATENTED PRODUCTION PROCESS

Copper that doesn't stop the plant!



Fine particle diameter by special methods



Quality formulation content



Widespread impact



Leaves no stain or residue on products



Protective, solves problems very quickly that other fungicides cannot control.



It is therapeutic, providing full effectiveness in the problematic area.

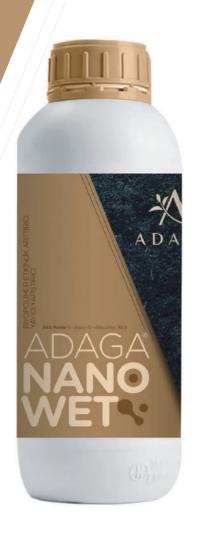


It is effective faster and longer than other fungicides.



The pH of the spraying water should be checked, the optimum should be set to 6.

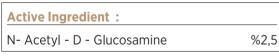
ADVANTA



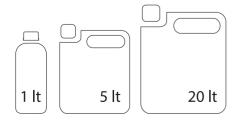


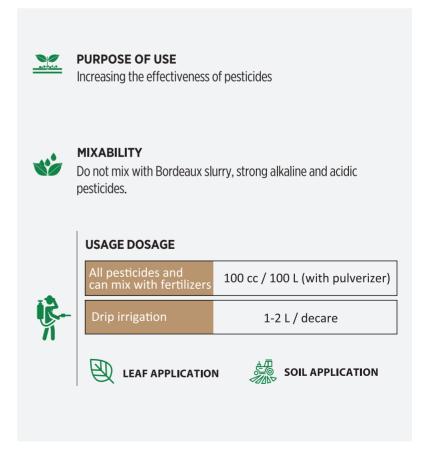
EFFICIENCY ENHANCER

- Liquid form of chitosan. Increases the effectiveness of pesticides.
- It is a very strong chelating agent.
- It ensures that the pesticides and fertilizers used are spread homogeneously on the leaf surface; thus, no burning or nutrient accumulation occurs during fertilizer uptake.
- It facilitates the uptake of fertilizers found in the soil and used from drip.
- Non-toxic and safe. Leaves no residue









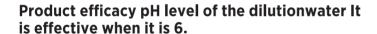


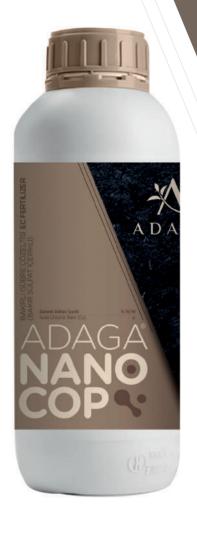
EC FERTILIZER

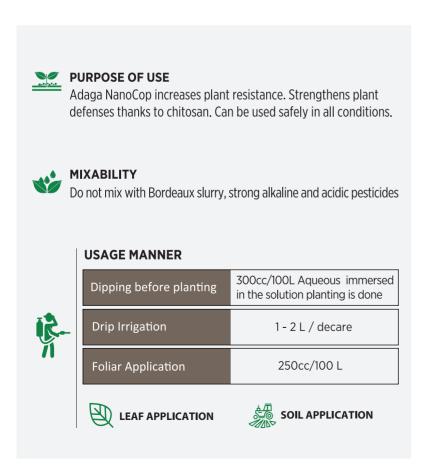
COPPER FERTILIZER SOLUTION (COPPER SULFATE CONTENT)

KİTOSAN'S REINFORCED THE NEWEST PRODUCT!

- Prepared with special content of chitosan and copper.
- It is an essential nutrient for the plant.
- It can be used safely in all conditions.
- It is non-toxic, safe. Leaves no residue.

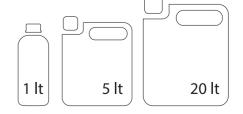


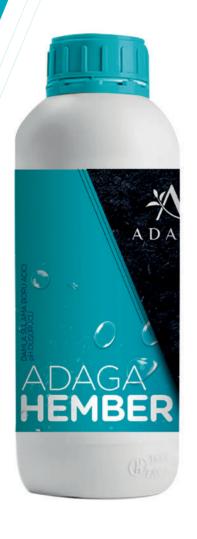




Guaranteed Content:	%W/W
Water soluble Copper (Cu)	4







ADAGA® HEMBER

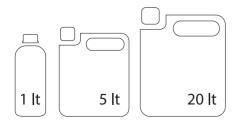
DRIP IRRIGATION PIPE OPENER
pH REDUCER AND LIME BREAKER

END THE PROBLEM OF CLAY SOIL!

- Prevents blockages in drip irrigation systems. Protection of iron ions in the soil helps.
- It fluffs the soil, so that the plant root collar provides ventilation.
- It never damages the soil, pipes and systems.
- It adjusts the PH of solution water, fertilizers and enhances the effect of medicines.
- The effect is long-lasting and permanent.

Note: Made from mineral acids.







PURPOSE OF USE

Fertilization with drip irrigation method drip hoses can be affected by used to remove blockages.



MIXABILITY

USAGE DOSAGE

Bordeaux slurry, strong alkaline and acidic pesticides do not $\ensuremath{\mathsf{mix}}$.



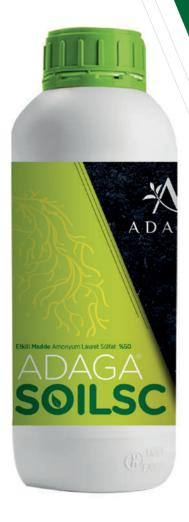
By sprinkling	3-4 L / Decare
Drip Irrigation	3-4 L / Decare

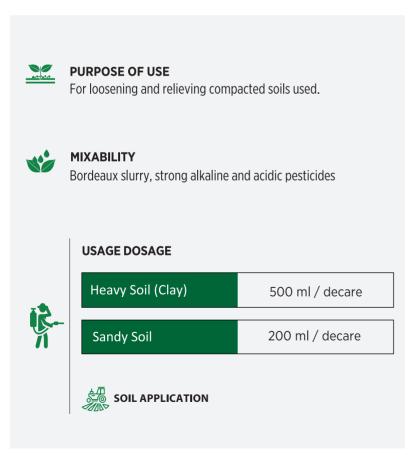


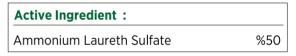
ADAGA SOILSC

SWELL THE LAND!

- The most effective way to prevent soil compaction Soil-sc.
- Non-toxic, biodegradable and is a soil conditioner with an economical application.
- Soil-SC is applied to water compacted soil deep into the soil with its movement in and the gates in the soil hard layers by increasing the volume of voids to break up the soil.
- Soil compaction, hardpan, slurry layer formation, ponding, and other very serious is the most effective weapon for solving intense problems.

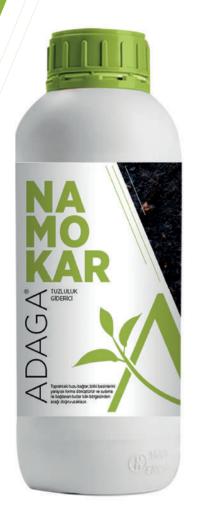












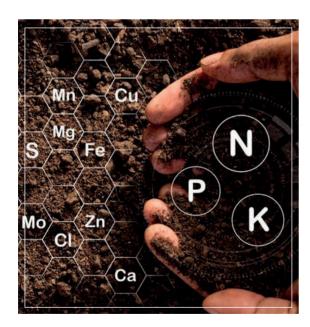
ADAGA® NAMO-KAR

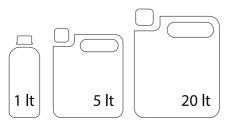
SALINITY REMOVER

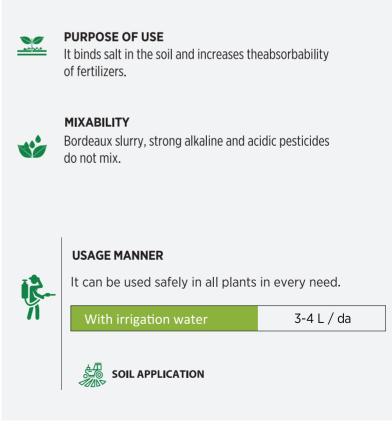
SALINITY REMOUER

- It binds the salt in the soil, converts plant nutrients into useful form and the salts bound by irrigation are removed downward from the root zone.
- It is a salinity remover.
- It prevents agricultural soils from becoming barren, improves their texture and ensures that they have a loose structure.
- It dissolves macro and micro elements in the soil and allows the plant to take them.

Note: Made from organic acids.







ADAGA® COMB

Boron (B). Copper (Cu-Sulfate) Iron (Fe-Sulfate) Manganese (Mn-Sulfate) Molybdenum (Mo), Zinc (Zn-Sulfate) Liquid Micronutrient Mixture

FC FFRTII 17FR

STRONG FLOWER ABUNDANT, YIELD, MAXIMUM IMPACT

- The definitive solution for trace element deficiency.
- It is a rich nutrient solution that responds to the micronutrient (trace element) needs of plants in a short time.
- It supports growth and development by providing balanced nutrition of the plant with the perfect ratio and composition of trace elements in its composition.
- Increases plant height, number of branches and leaf area. Promotes abundant flowering, grain setting and fruit set.
- Minimizes fruit dropping.
- Trace elements, essential nutrients (Nitrogen, Phosphorus)
- Potassium), together with potassium, forms the substructure that will create high yield and quality in the plant



PURPOSE OF USE

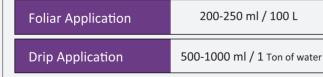
Adaga Combi increases plant height, number of branches and leaf area. It encourages abundant flowering, grain setting and fruit set.



MIXABILITY

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides







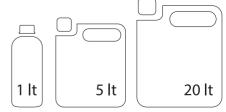
LEAF APPLICATION

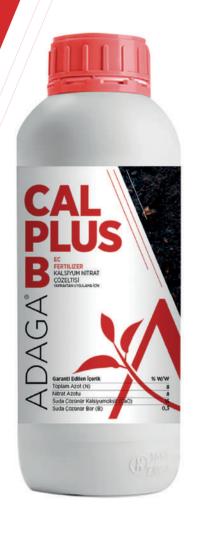




Guaranteed Content:	%W/W
Water Soluble Boron (B)	0,3
Water Soluble Copper (Cu)	0,5
Water Soluble Iron (Fe)	3
Water Soluble Manganese (Mn)	1
Water Soluble Molybdenum (Mo)	0,05
Water Soluble Zinc (Zn)	2







ADAGA® CAL - PLUS B

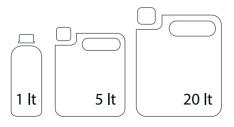
EC FERTILIZER **CALCIUM NITRATE SOLUTION** FOR FOLIAR APPLICATION

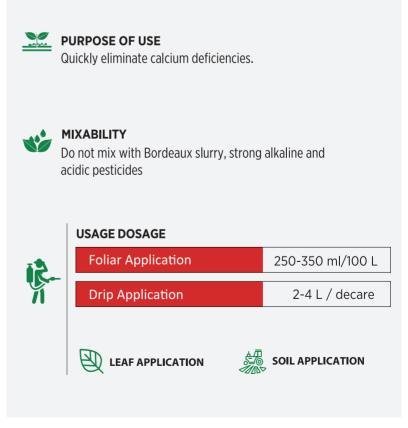
STRONG ROOT, STRONG STEM, DURABLE FRUIT

- It is a reliable source of calcium, in the form of nitrate, which quickly corrects calcium deficiencies and provides complete nutrition.
- The boron in it keeps calcium in a continuous soluble state and allows calcium to settle into the plant's structure.

Guaranteed Content:	%W/W
Total Nitrogen(N)	8
Nitrate Nitrogen	8
Water Soluble Calcium Oxide (CaO)	15
Water Soluble Boron (B)	0,3







FOSFO 5-20-0 EC FERTILIZER SOLUTION

BALANCED FLOWER BLOOM, STRONG FRUIT SETTING

- The formula has been developed for good root growth, generative development, balanced flowering, shaped and long shelf life.
- With its stable release, it does not prevent the uptake of other elements as it does not form an excess.
- Thanks to its appropriate nitrogen ratio and special polymer structure, it does not harm like ordinary phosphorus fertilizers.
- It initiates metabolic reactions and promotes seed formation and plays an active role in root development.
- It has a flowering and fruit fastening effect





PURPOSE OF USE

Adaga Phospho's main role in the plant is to increase pollination and flowering, i.e. reproduction. It has a direct effect on the root and stem development of the plant.



MIXABILITY

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides



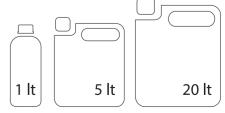
With Foliar Application	250 cc / 100 L
By sprinkling	2-4 L / decare
From Drip Irrigation	2-4 L / decare





Guaranteed Content: 9	6W/W
Total Nitrogen (N)	5
Urea Nitrogen	5
Water Soluble Phosphorpentaoxide (P ₂ O ₂	5) 20







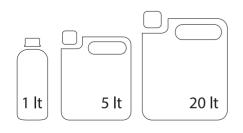
ADAGA NITRO-20

EC FERTILIZER NITROGEN FERTILIZER SOLUTION

GREEN HEALTHY FAST PLANT STRONG BRANCHES, MAXIMUM GROWTH

- Nitrogen directly affects root development, plant height, stem thickness, number and size of leaves, number, thickness and length of branches, shoot and fruit/grain development.
- Magnesium is the main component of green color in plants. It plays a role in the plant's absorption of sunlight and its direct use in photosynthesis.
- It ensures healthy, lush and dark green leaves.
- It increases the plant's photosynthetic power, protein synthesis and dry matter accumulation capacity.

Guaranteed Content:	%W/W
Total Nitrogen (N)	20
Urea Nitrogen	20
Water Soluble Megniesium Oxide (Mg	O) 2
Water Soluble Boron (B)	0,03
Water Soluble Copper (Cu)	0,05
Water Soluble Iron (Fe)	0,5
Water Soluble Manganese (Mn)	0,1
Water Soluble Molybdenum (Mo)	0,005
Water Soluble Zinc (Zn)	0,2





PURPOSE OF USE

Adaga NITRO-20 is designed for the health and development of plants with the appropriate combination of Nitrogen and Magnesium.



MIXABILITY

USAGE DOSAGE

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides



With Foliar Application	250 cc / 100 L
By sprinkling	2-5 L / decare
From Drip Irrigation	2-5 L / decare





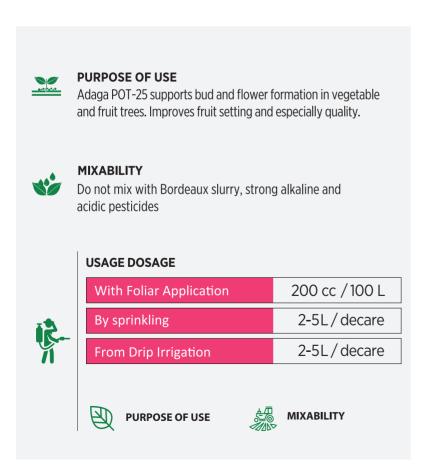
ADAGA **POT - 25**

POTASSIUM SOLUTION

BIG, PLUMP, HARD AND PERFECT FRUIT COLOR

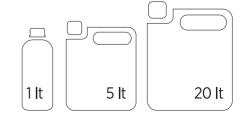
- It ensures that fruits and all products are large, plump, firm and of excellent color.
- Minimizes the number of fruits falling from the branch.
- Extends the shelf and storage life of fruits.
- It is in 100% absorbable form.
- Provides fast and visible nutrition.













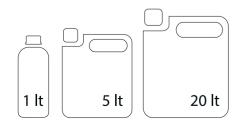
ADAGA® 0-20-20 FC FFRTII 17FR PK FERTILIZER SOLUTION

BALANCES RAPID AND PUNYGROWTH AND SHORTENS INTERNODES

- Flowering, fruit set and fruit set in plants is a product used for growth. Soil and can be used safely on all plants from foliar.
- It activates the plants' natural defense systems. plants are very susceptible to viral diseases, become more resistant and durable.
- When applied from the soil and leaves in fruit deformities, the deformities of the new fruits are rapidly eliminated.

Guaranteed Content:	%W/W
Water Soluble Foaforpentaoxide (P ₂ O ₅) 20
Water Soluble Potassium Oxide (K ₂ O) 20







PURPOSE OF USE

Adaga 0.20.20 significantly increases fruit set by shortening the internodes in plants, producing more healthy flowers.



MIXABILITY

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides

USAGE DOSAGE



00 cc / 100 L
?-5 L / decare
?-5 L / decare





ADAGA® 10.10.10 EC FERTILIZER NPK FERTILIZER SOLUTION

SPECIAL FORMULATED BALANCED CONTINUATION FERTILIZER

- Produced with a special balanced formulation.
- It is used during all development periods of plants.
- Provides balanced rooting, flowering and fruit quality.
- It is in 100% absorbable form.
- It can be easily taken during cold periods.





PURPOSE OF USE

Adaga 10.10.10, with its special formulation prepared in a balanced way, ensures balanced rooting, flowering and quality of fruits according to the development periods of plants.



MIXABILITY

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides

USAGE DOSAGE



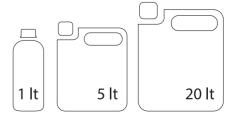
With Foliar Application	250 cc / 100 L
By sprinkling	2-5 L / decare
From Drip Irrigation	2-5 L / decare





Guaranteed Content:	%W/W
Total Nitrogen (N)	10
Urea Nitrogen	10
Water Soluble Foaforpentaoxide (P ₂ O ₅) 10
Water Soluble Potassium Oxide (K₂O)	10







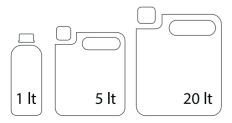
EC FERTILIZER CALCIUM CHLORIDE SOLUTION

IT FINISHES ROOT AND CRACKING CAUSED BY CALCIUM DEFICIENCY

- It is used for Calcium requirement in all plants.
- It is a product that can be taken very quickly.
- It is a necessary nutrient element for proper plant development.

Guaranteed Content:	%W/W
Water Soluble Calcium Oxide (CaO)	12
Water Soluble Boron (B)	0,3







PURPOSE OF USE

Adaga CALBOR is used for calcium deficiency in plants. It is an essential nutrient for proper plant growth.



MIXABILITY

Do not mix with Bordeaux slurry, strong alkaline and acidic pesticides



USAGE DOSAGE

With Foliar Application

100-200 cc / 100 L



LEAF APPLICATION



ADAGA® ZINC

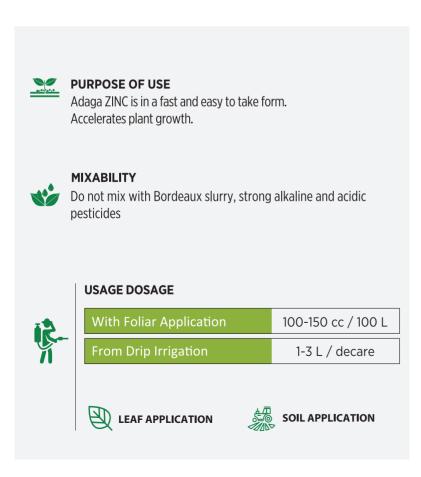
EC FERTILIZER NITROGEN FERTILIZER SOLUTION

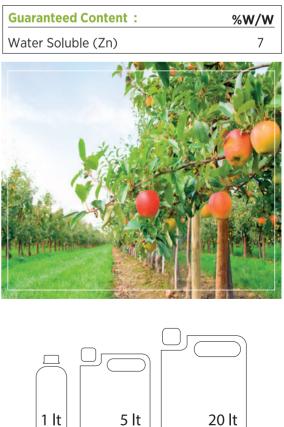
SPECIAL FORMULATED BALANCED CONTINUATION FERTILIZER

O

It accelerates and increases plant height, branch development, stem development, tillering and stalking activities in cereals.









ADAGA®

FORTUS 3-0-18

FC FFRTII I7FR NP FERTILIZER SOLUTION

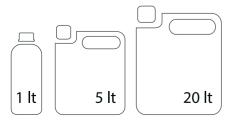
PRODUCT MATURATION AND INCREASES PRODUCTIVITY

Meets all potassium requirements of plants and crops.

All potassium can be taken up by the plant

Guaranteed Content:	%W/W
Total Nitrogen (N)	3
Urea Nitrogen (NH₂-N)	3
Water Soluble Potassium Oxide (K₂O)) 18







PURPOSE OF USE

Adaga FORTUS provides crop maturation and yield increase. It is used to meet the potassium needs of plants.



MIXABILITY

Bordeaux slurry, strong alkaline and acidic pesticides do not mix.



USAGE DOSAGE

With Foliar Application 200-250 cc / 100 L

Drip Irrigation 1-3 L / decare





ADAGA®

ZNP 5-15-0+ME

FC FFRTII 17FR NP FERTILIZER SOLUTION

ROOT AND STEM OF PLANTS STRENGTHENS ITS STRUCTURE

- Provides excellent flower formation.
- It is a fast and high quality fertilizer.





PURPOSE OF USE

Adaga ZNP 5-15-0+ME strengthens the root and stem structure of plants and ensures perfect flower formation.flower formation.



MIXABILITY

Bordeaux slurry, strong alkaline and acidic pesticides do not mix.



USAGE DOSAGE

With Foliar Application	200-250 cc / 100 L	
Drip Irrigation	1-3 L / decare	

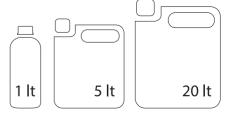


LEAF APPLICATION



Guaranteed Content:	%W/W
Total Nitrogen (N)	5
Urea Nitrogen (NH ₂ -N)	5
Water Soluble Phosphorpentaoxide (P ₂ O ₅	5) 15
Water Soluble Zinc (Zn)	1







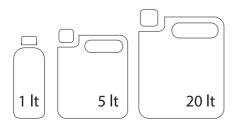
ADAGA® LIFE ROOT

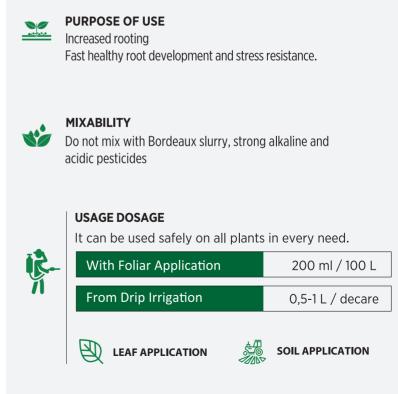
pH REGULATOR

FULLY EFFECTIVE ROOTING

- It is a fast, complete activator for main, fringe and capillary root development.
- It ensures fast and healthy root development.
- It ensures that the plants are early and fast, healthy and strong.
- Flowering is regular.
- Fruit number and quality increases.
- Increases resistance to stress conditions caused by climate and soil factors







ANIMAL HEALTH PRODUCT

ADAGA®

CHITO FOOT

Chitofoot, effective in the removal of bacterial, fungal and viral lesions, is suitable for general animal health. Especially for cattle, ovine and for the removal of foot and hoof lesions in horses, horn after blunting, udder rashes, umbilical cord infections is a non-medical veterinary health product for the treatment of wounds.



CHITO FOOT NAIL AND HORN CARE SOLUTION

Before







Appearance on the first day and 28th day of the case (arrow) with Heel Erosion in the outer (lateral) nail heel area

This study was conducted at the Department of Surgery, Faculty of Veterinary Medicine, Mehmet Akif Ersoy University.

CHITO FOOT FOOT BATH POOL SOLUTION



- In the solution of toenail problems in cattle, sheep and horses
- is used as a bath application.
- Fast and homogeneous distribution.
- Resistant to fecal contamination and pH changes.
- Provides rapid adhesion to the application surface (nail, hair, skin).
- Prevents the formation and spread of infectious foot diseases.
- It is effective in protecting the nail tissue.
- It is used by diluting 1-2 L per 100 L of water.

CHITO FOOT FOOT AND WOUND CARE SOLUTION



Adaga chitofoot is a veterinary health product suitable for use in all pet (cat, dog, rabbit, bird species etc.) injuries and diseases.









