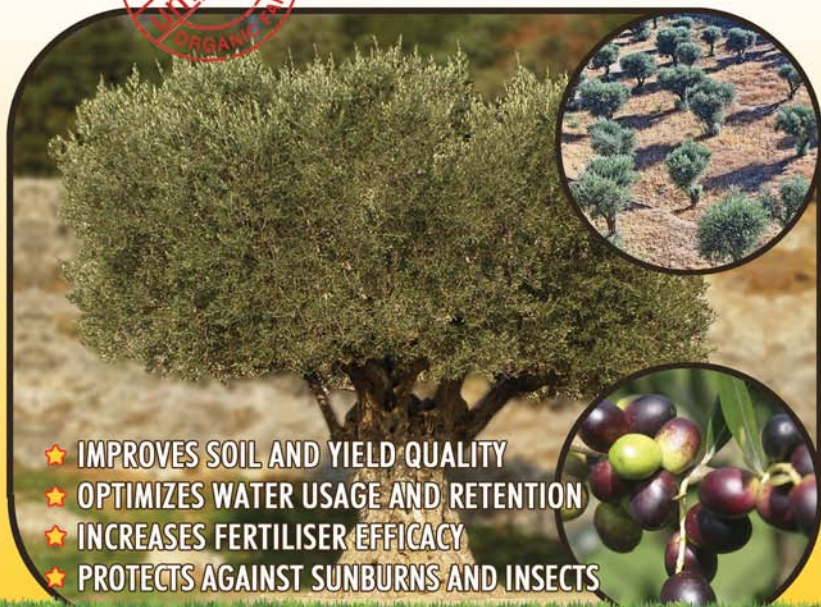


umdemmin⁺ plus

SOIL CONDITIONER
PLANT PROTECTANT



- ★ IMPROVES SOIL AND YIELD QUALITY
- ★ OPTIMIZES WATER USAGE AND RETENTION
- ★ INCREASES FERTILISER EFFICACY
- ★ PROTECTS AGAINST SUNBURNS AND INSECTS

ra | rota mining
corporation

FAMIqs
Fertigation and Irrigation Quality Standard



FOR THE FUTURE OF YOUR OLIVE TREE

THE BENEFITS OF UMDEMIN⁺ GRANULE MIXED WITH SOIL

Umdemin⁺, thanks to its **High Capillary Porous Structure**;

- Increases water absorption and retention.
- Economizes water usage.
- Acts as a water reservoir in dry and sandy fields.
- Keeps beneficial microorganisms in the soil alive.
- Absorbs excess water thus prevents root decays and fungal diseases.
- Aerates the soil.

Umdemin⁺, thanks to its **High Cation Exchange Capacity**;

- Holds and slowly releases ammonia and potassium. Acts as a slow releasing fertilizer.
- Reduces volatilization and leaching losses of fertilizers.
- Economizes fertilizer usage.
- Increases plant available phosphorus and potassium.
- Absorbs excess ammonia thus prevents root burns.
- Cultivates your trees continuously in harmony.
- Cleans your soil from toxic materials and metals.
- Acts as a pesticide, fungicide, herbicide carrier.

! Umdemin⁺, mixed with compost materials, improves compost quality dramatically. Moreover; a thick bottom layer absorbs leachate thus prevents groundwater contamination. A thin top layer reduces bad odors and flies.

THE APPLICATION OF UMDEMIN⁺ GRANULE

Mix 5-7 kg of **Umdemin⁺** per tree with soil under 15 cm depth of the ground in tree's drip line. Since **Umdemin⁺** acts as a reservoir for water and plant nutrients, best results are obtained if **Umdemin⁺** is mixed with fertilizers. Water thoroughly soon after mixing with soil.



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FOR THE FUTURE OF YOUR OLIVE TREE

THE BENEFITS OF UMDEMIN⁺ POWDER ON LEAVES & FRUITS

Umdemin⁺ Powder; when sprayed upon whole tree - leaves, stem and fruits; covers the whole plant with a white protective coat. This fine coat has several advantages to the tree:

- Prevents sunburns
- Reduces heat stress and olive drop
- Protects against insects, mites and pests
- Increases olive weight and quality
- Controls fungal diseases
- Prevents frost damages
- Improves photosynthesis and plant vigor



THE APPLICATION OF UMDEMIN⁺ POWDER ON LEAVES & FRUITS

Umdemin⁺ Powder can be applied four times a year:

- **After Harvest:** In order to give tree an easy resting time and to prevent against any possible frosts and fungal diseases.
- **Before Blossom:** In order to increase flower and fruit quantity.
- **Before Summer:** In order to prevent sunburns and to reduce heat stress. This application is very important since it will reduce olive drops and increase olive weight and quality. For best results repeat this application before the middle of summer. In dry lands use **Umdemin⁺ Granule** to prevent dehydration.
- **After Summer:** In order to build a barrier against insects, mites and pests.

Mix **Umdemin⁺ Powder** with water in a ratio of 1 kg / 15 lt. Umdemin[®] **does not melt** in water. Always prepare your solutions **at the application field** to prevent sediment. The mixer of the atomizer **must be on** during preparing and application. Cover your **whole tree** - leaves, stem, fruits, cracks - thoroughly. **Full coverage** is important. Applications should be made on a **dry, windless** day. Use a **mask** during spraying.



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FOR THE FUTURE OF YOUR OLIVE TREE



UMDEMİN+ is certified by ECOCERT, a world leader in the certification of organic products.

All extraction and production processes in ROTA MINING are carried out under the strict FAMIQS quality control system.

UMDEMİN PLUS is registered as a MINERAL SOIL CONDITIONER by the Ministry of Agriculture in Turkey.



**100 % NATURAL MINERAL
NO TOXIC EFFECT. TOTALLY SAFE
IMPROVES PLANT'S MICROCLIMATE
INCREASES FRUITS' QUALITY AND QUANTITY**



CAUTION

Do not inhale the dust. Avoid contact with eyes.
No toxic effects. 100 % natural mineral.
Store in a cool, dry place, out of direct sunlight.

DISCLAIMER: The information in this leaflet is intended for international use and is for information only. Specific details and licensing arrangements may vary from country to country. Details of formulations, indications and applications for any particular country should be checked.



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