

Oasys Ultra™

Soil Penetrant, Wetting Agent, and Biostimulant

Oasys Ultra is formulated to increase percolation rates in dry, hard and compacted soils. This premium quality, non-burning wetting agent is fortified with humic acids and seaplant extracts which act as biostimulants for improved plant growth. Oasys Ultra is non-toxic and will not burn turfgrass or ornamentals. It can even be applied as a 'rescue' in hot and dry weather when plants are most stressed.

Oasys Ultra contains steroidal saponins extracted from the Quillaja plant, common to the Andean mountain regions of South America. This natural surfactant increases water movement through tight soils. Unlike synthetic wetting agents, there is no danger of residue build-up which can contribute to nutrient imbalances. By combining sea-

plant extracts and humic acids with steroidal saponins, the result is an effective wetting agent that also provides biocatalysts for soil and plant improvement. The product is water soluble and mixes easily with liquid fertilizers and pesticides. Oasys Ultra is biodegradable and is an excellent food source for beneficial bacteria.

Use Oasys Ultra for:

WILTED AREAS: Apply To Improve The Rate Of Recovery.

NEW SEED OR SOD: Reduces Risk Of Burn On Sensitive Areas.

HOT SPOTS: Improves Moisture; Decreases Plant Stress.

HYDROPHOBIC SOILS: For Water Absorption And Percolation.

PESTICIDE SPRAYS: Surfactant Helps Foliar Contact.

SOIL INSECTICIDES: Better Penetration Of Active Ingredients.



Product Description

Oasys Ultra liquid is composed of extracts from the Quillaja (*Quillaja saponaria*) plant, seaplant extracts and humic substances.

Purpose

Oasys Ultra is used to increase water percolation in dry and hydrophobic soils. The natural plant extracts act as a biostimulant and provide food source for beneficial bacteria.

Mode of Action

Quillaja extract contains steroidal saponins that are known as a growth promotant. The wetting agent properties of these saponins allows for increased water uptake by plants. Saponins cause a general increase in the permeability of the plasma membrane. This allows plant roots to take up nutrients faster and easier.



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Oasys Ultra™

Natural Wetting Agent



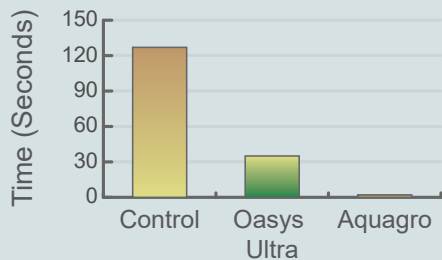
Dosage

Preventative: Apply 6 oz./1,000 sq.ft. each month during the growing season.

Curative: Treat affected areas with 12oz./1,000 sq.ft. of Oasys Ultra as needed. For very hard or compacted soils, use Oasys Ultra at the curative rate.



Sumitomo Chemical Co. Experimental Farm, Japan Water Infiltration Rate



"I sprayed a tank-mix with Oasys Ultra and Thatch Relief and within about a week and a half, two weeks, I noticed a huge difference. It was like being on a different planet! The feel of the surface when you walked on it, to the receptivity of the shot, to the speed of the greens. The speeds went up probably 2 ½ to 3 ½ feet, we couldn't even believe the response we got."

-Chris Black,
PGA pro and owner/operator
Hickory Grove Golf Course,
Oelwein Iowa



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Application Method

Oasys Ultra is water soluble. It can be mixed with pesticides and liquid fertilizers or applied alone. Oasys Ultra can be watered in by regular irrigation or rain. Add 6 oz. of anti-foam agent per 500 gallons of tank mix.

Application Timing

For best results, dilute in water and spray on the soil surface or foliage. Oasys Ultra can be applied any time the ground is not frozen. Use in a program with Thatch Relief for Liquid Aeration.