

TURF & ORNAMENTAL



Hydro Max™

- Increase water and fertilizer penetration
- Loosen compacted soils
- Help leach salts
- Alleviates dry spots

Net Contents: 2.5 Gallon (9.46 Liter)
Net Weight: 23 lbs (11.4 kg)



Guaranteed Analysis:

Soil Amending Ingredients

Active Ingredients

Yucca Schidigera Extract 27%

Humic Acid (derived from Leonardite) 2%

Total Other Inert Ingredients 71%

Product Specifications:

Weight per gallon 9.2 lbs.

Weight per Liter 1.2 Kg

pH 2

Product Description:

Hydro-Max is a wetting agent and soil penetrant derived from the Mohave plant (Yucca Schidigera). Yucca provides a wide range of multi-functional benefits to both plants and soil conditions.

Hydro-Max is compatible with all liquid and soluble fertilizers. It is an environmentally friendly product that can be applied to all soil. It is non-phytotoxic and can even be applied during hot, dry weather conditions.

Directions For Use:

Hydro-Max is a concentrate and should be mixed with water. Apply to soils where plants are in stress due to heat and/or drought. Apply where soil conditions are compacted or hydrophobic. Dilute 1:100 in water. See Application Tables for more information.

Storage & Handling:

Storage: All Growth Products professional liquid fertilizers can be stored in normal warehouse areas.

Mixing: Dilute at the rate of 1 to 100 in water if possible. Put half the water in the tank and add Hydro-Max. The following mixing procedure should be followed.

Condition of Sale and Warranty: Douglas Plant Health, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Douglas Plant Health and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL DOUGLAS PLANT HEALTH, INC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

Add products to mix in this order with appropriate amounts according to label directions: 1. wettable powders, 2. flowables, 3. water solubles, 4. emulsifiable concentrates, 5. Hydro-Max. Be sure to agitate during each addition. Hydro-Max may foam with agitation. To reduce foaming add Hydro-Max last. Be sure each product is mixed well before adding the next. Apply all of mixture same day. Always use a jar test before mixing fertilizers in your tank.

Caution:

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Soil Applied Only

FIRST AID	
IF SWALLOWED:	Clean mouth with water and drink afterwards plenty of water.
IF IN EYES:	Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN:	Wash off immediately with plenty of water for at least 15 minutes.
IF INHALED:	Remove to fresh air.
You may also contact 1-352-323-3500 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101). Keep out of reach of children (P102). Read label before use (P103).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

The following precautionary statements and pictograms are based on the Globally Harmonized System of classification and labeling of chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA).



Warning

H320 Causes Serious Eye Irritation

Douglas Plant Health

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Turf Applications

Application	Rate Per 1,000 ft ² (100 m ²)	Frequency / Notes
Tees, Greens, Fairways – All Types of Warm and Cool Season Grasses	3 oz per 1,000 sq ft in 1 - 3 gal of water (90 ml per 100m ²)	Apply every 14-21 days
Sod Installation	3 oz per 1,000 sq ft in 3 - 5 gal of water (90 ml per 100 m ²)	Apply 1 - 2 weeks prior to harvest or immediately after installation
Newly Seeding, Overseeding, Sprigging	6 - 12 oz per 1,000 sq ft in 3 - 5 gallons of water (350 ml per 100 m ²)	Apply as a soil prep
Hydrophobic & Compacted Soils	12 oz per 1,000 sq ft in 3 - 5 gal of water (380 ml per 100 m ² in 10-20 L water)	Initial application
	6 oz per 1,000 sq ft in 3 - 5 gal of water (190 ml per 100 m ² in 10-20 L water)	Repeat application every 4 weeks

Nursery, Greenhouse, Landscape Applications

Application	Rate	Frequency / Notes
Media Treatment	9 oz per cubic yard of soil. Mix into 10 - 15 gallons of water (265 ml per m ²)	Apply every 14-21 days
Propagation	1 oz per 4 gal of water (30 ml per 16 L of water)	Apply prior to seeding or placing cuttings. Drench until soil is moist
Trees and Shrubs	1 oz per 1 gal water (8 ml per Liter water)	Apply to root area as needed
Injection Ratio for In-Line Systems	Mix 25 oz of Hydro-Max in 1 gallon water to make a concentrate (185 ml per L water)	Set injector ratio to 1:100 Apply with irrigation water or fertilizer
Ornamentals & Bedding Plants	6 oz per 50 gal water per 1,000 sq ft. (190 ml in 200 L water per 100 m ²)	Apply every 2 - 4 weeks