



# HYDRO-MAX

## ALL NATURAL WETTING AGENT

### Plus HUMIC ACID

- INCREASE WATER AND FERTILIZER PENETRATION
- LOOSEN COMPACTED SOILS
- REDUCES SURFACE TENSION OF PESTICIDE SPRAYS

**ACTIVE INGREDIENT:**

Yucca schidigera Extract .....90%

**DERIVED FROM:**

Yucca schidigera, Humic Acid (derived from Leonardite), non-ionic surfactant.

Weight per gallon .....9.2 lbs.

Weight per Liter .....1.1 Kg

pH .....6

**NON PLANT FOOD INGREDIENTS**

5% .....Surfactant

2% .....Humic Acid (derived from Leonardite)

**PRODUCT DESCRIPTION:**

Hydro-Max is a natural wetting agent and soil penetrant derived from the Mohave Yucca plant. This unique desert plant contains the active ingredient steroid saponins that is a natural wetting agent. Yucca provides a wide range of multi-functional benefits to both plants and soil conditions. Hydro-Max can be mixed with N-P-K fertilizers to improve foliar nutrient absorption. It is compatible with all liquid and soluble fertilizers, herbicides, pesticides, fungicides, and absorbent gels. It is an environmentally friendly product that can be applied to all plant materials either as a soil or foliar application. 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 when plants are in stress due to heat and/or drought. Apply where soil conditions are compacted or hydrophobic. Dilute 1:100 in water. See charts below.

**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. 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 pesticides and fertilizers in your tank.

**CAUTION:** Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- HELP LEACH SALTS
- ALLEVIATES DRY SPOTS
- INCREASES CELL WALL PERMEABILITY

Turf Application		
Application	Rate Per 1,000 SF (100 m <sup>2</sup> )	Frequency
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 <sup>2</sup> )	Apply every 14-21 days
Sod Installation	3 oz per 1,000 sq ft in 3-5 gal of water (90 ml per 100m <sup>2</sup> )	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 100m <sup>2</sup> )	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 <sup>2</sup> 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 <sup>2</sup> in 10-20 L water)	Repeat application every 4 weeks.
Nursery - Greenhouse - Landscape		
Application	Rate	Frequency
Media Treatment	9 oz per cubic yard of soil. Mix into 10-15 gallons of water (265 ml per m <sup>3</sup> )	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 <sup>2</sup> )	Apply every 2 - 4 weeks

Manufactured By:

