



## RAPID KELP

Rapid Kelp is a proprietary soil surfactant designed to reduce LDS, enhance irrigation efficiency and reduce plant stress. Rapid Kelp contains 25% Kelp Extracts (*Ascophyllum nodosum*) to aid in stress resistance and recovery in turf and ornamental plantings. Rapid Kelp has a high degree of turf and plant safety and can be used in a variety of soil and environmental conditions as a 30-day general purpose surfactant, or a 90 to 120-day soil surfactant.

- 75% Active Ingredient with 23% Kelp Extracts, 2% Fulvic Acid
- Block Co-polymer Chemistry
  - Uniformity of Moisture, Reduce Surface Tension, Reduce LDS
- Co-polymer Construction Allows for Flexible Application Rates

**Rates: Turf: 30 Day Rate 6 – 8 Ounces per 1,000 sq.ft.**

**90-120 Day Rate 2 Applications 14 days apart at 10.5 oz/1000sqft**

**Tree/shrub/flower drench: 10 oz / 100 gl solution every 4-6 weeks**

## RAPID COMPLETE

Rapid Complete is a multi-chemistry 30-day soil surfactant designed to reduce LDS and reduce drought stress. Rapid Complete is designed with three surface-active polymers to ensure uniform soil wetting, increased infiltration of moisture, and enhanced moisture retention. Rapid Complete has a high degree of turf safety and can be used in a variety of soil and environmental conditions as a general purpose, multifunction soil surfactant.

- Versatile & Unique Three Polymer Blend with 100% Total AI
  - Water Spreading, Water Penetration, Water Holding
- General Purpose 30-Day Work Horse Surfactant Blend
- Can Be Used on Fairways, Tee's, Greens, or Injected

**Rates: 4 – 6 oz per 1,000 sq. ft. Every 30 Days**

## RAPID FLO

Rapid Flo is a multi-chemistry soil surfactant and water conditioner that is formulated with both traditional soil wetting polymers along with powerful negatively-charged penetrants that push excess water down. Rapid-Flo will reduce the surface tension of water and facilitate enhanced irrigation infiltration and efficiency.

Negatively-charged amino-acid-based polymers are added as a sequestering agent to mitigate cations in tank mix water.

- 26% Active Ingredient (62% More AI Than Leading Competitive Products)

- Anionic Penetrant reduces surface tension
- Enhances Lateral Movement of Water and Uniformity of Hydration

**Rates: Application Rate: 20 Ounces per Acre**

**Inject Rate: 15 – 20 Ounces per Acre**

## RAPID INJECT

Rapid Inject is a multi-chemistry soil surfactant designed to enhance the effectiveness and efficiency of irrigation. Rapid Complete is designed with four surface-active polymers to enhance the wetting characteristics, infiltration, rewetting, and moisture retention of applied irrigation water.

- Four Polymer Blend
  - Penetration, Retention, Uniformity, Lateral Movement
- 30% Total Active Ingredient
- Through Irrigation/ Injection for 10 – 14 Days Longevity
- Multiple Chemistry Formulation makes Rapid Inject a very versatile soil surfactant:

**Rates: Spray App (Fairways/Tees): 2 – 4 Quarts/Acre 7 – 10 Days**

**Dew Suppression: 1 Gallon Per Acre**

**Injection: 1 -2 Quarts Per Acre Every 7 -10 Days**

## RAPID TABS

Rapid Tabs contain three surfactant technologies to penetrate, move, and hold water. These 100% active ingredient tablets are longer lasting than competitive tablets and are designed for spot treatment of LDS prone areas.

- Wetting Agent for Hand Watering / Spot Treatment of LDS
- Multiple Chemistry Pellet; contains separate polymers for:
  - Water Movement
  - Infiltration and Wetting
  - Moisture Retention
- 100% Active Ingredient; no binders or inerts
- 8oz (1/2 lbs) Pellet
- Treatment Area is at least TWO Greens
- Proprietary formulation results in a longer-lasting pellet that won't fall apart or dissolve too quickly



## WETTING AGENTS & MOISTURE MANAGEMENT



PRODUCT	U/M	DESCRIPTION	RATE
<b>WETTING AGENTS</b>			
<b>TriCure AD</b>	5 gal. 30 gal. 55 gal.	Advanced formulation soil surfactant for use on hydrophobic soils. Treats the widest variety of sandy soil and organic surfaces in soil profiles. Provides optimum moisture balance preventing dry, hydrophobic soils and realize successful water management.	Monthly: 4–6 oz./2 gal. water/1000 sq. ft. Use higher rate for LDS and high stress areas.
<b>TriCure Micro</b>	5 gal. 55 gal.	For high clay native soils with poor air & water movement. Effectively treats difficult soil conditions by reaching the smallest micro pore space. Micro (nano) size particles improve moisture movement.	Monthly: 8–12 oz./2 gal water/ 1000 sq. ft.
<b>TriCure Granular</b>	40 lb.	Convenient application method on slopes, bunker edges, approaches and spot treatments. After release of the chemistry, the inert carrier, Biodac quickly breaks down during rain or irrigation.	2.5 lb./1000 sq. ft.
<b>TriCure Pellets</b>	3 tube 12 tubes/ case	Provides fast, safe and convenient method of applying surfactant through hose-end applicators. Easy to carry tube comes with 3 pellets. Pellets dissolve quickly, (around 19 minutes) allowing fast application. Perfect for spot treating hydrophobic soils.	1 pellet treats 6000 sq. ft.



PRODUCT	U/M	DESCRIPTION	RATE
<b>Cascade Plus Hydration And Infiltration</b>	2.5 gal. 55 gal.	A combination of nonionic surfactants that hydrate the soil and penetrate to provide deeper, more uniform water infiltration, Cascade Plus™ is used to prevent localized dry spot (LDS), correct hydrophobic soil conditions and provide firmer, faster playing surfaces under all conditions.	16 oz. /1000 sq. ft. or 4 oz. + 1 oz. Duplex
<b>Duplex Infiltration Surfactant</b>	20 gal. 55 gal	Designed for irrigation injection, Duplex™ combines penetrants with a buffering agent that neutralizes hard water ions. Duplex improves the infiltration of rainfall or irrigation through thatch, moving water, plant protectants or nutrients into the soil solution.	1–2 oz./M
<b>Magnaplex</b>	20 gal. drum 55 gal. drum	Apply Magnaplex as a rescue treatment or as a proactive approach to water management. The infiltration surfactant in Magnaplex improves water penetration through aggressive turf and thatch, while the hydration component uniformly moves water within the root zone. Better hydration and infiltration results in improved color, quality and volumetric water content.	5 oz./1000 sq. ft./month
<b>Vivax</b>	2.5 gal.	Vivax is a combination of new surfactant technologies designed to manage water across a wide range of conditions. The infiltration surfactants in Vivax moves water through thatch and into tight soils. Vivax also contains two unique polymers, one that resists microbial breakdown and another that produces uniform volumetric water content throughout the turf grass root zone.	5 oz./1 gal. water /1000 sq. ft.