

# Soil Surfactant - Extended Length Of Residual (XL)

- High Performing Soil Surfactant
- Long Lasting Surfactant
- Environmentally Friendly
- Derived from extracts of organic plant matter

# **Principal Functioning Agents:**

# KEEP OUT OF REACH OF CHILDREN

**INGESTED:** Give a large amount of water to drink, make person vomit and immediately call physician. Do not induce vomiting or give anything by mouth to an unconscious person.

**EYE CONTACT:** Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT RUB. If eye irritation persists, seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing and wash contact area with flowing water. Launder clothing before re-use.

#### **General Information:**

Oasis XL<sup>TM</sup> Soil Surfactant is a blend of natural renewable-resource surfactant components combined with traditional surface-active agents that delivers longer lasting residual performance. Oasis XL is derived from extracts of organic plant matter and biologically sound components. This unique class of a surfactant blend works to prevent and control localize dry spots, improves water infiltration, improves distribution of water in the root zone and drainage of compacted or hydrophobic soils. Oasis XL is the only soil surfactant that combines ingredients known to deliver long-lasting residual performance with natural, environmentally balanced ingredients.

Research has proven that organic coatings surrounding sandy soil particles inhibit the infiltration of soil moisture. In high heat and stress conditions, delicate turfgrass can sustain injury or total loss due to lack of available moisture. Oasis XL does not coat the soil particles with a coating to harm the plants or the root structures.

Oasis XL Soil Surfactant will not harm beneficial soil microorganisms and has been developed with respect to the applicators and the environment. Oasis XL Soil Surfactant works wherever localized dry spots occur on golf greens, tees and fairways. Oasis XL can be used on residential, commercial turf and athletic fields.

Oasis XL Soil Surfactant reduces the surface and adhesive tensions of water. Oasis XL assists water's infiltration and drainage of compacted or hydrophobic soils. It assists in the wetting of heavy thatch and when used regularly, will eliminate localized dry spots.

Oasis XL Soil Surfactant establishes and maintains water movement downward and laterally to improve water management in the root zone of turf grasses.

#### **DIRECTIONS FOR USE:**

Oasis XL Soil Surfactant can be applied by hose-end applicator or hydraulic sprayer application. Use adequate water for thorough coverage.

### **Mixing With Water:**

Oasis XL Soil Surfactant mixes readily with water. Mix the spray solution as follows: Fill the mixing tank or spray tank with required water. Add the recommended amount of Oasis XL near the end of the filling process while agitating and mixing well. Initially foaming may occur, but will slowly dissipate. If needed, use Regal Foam-X to cut the foam.

#### **Golf Course Greens and Tees:**

For use as preventative treatment, apply 8 fluid oz per 1000 sq. ft. initially. Water-in following treatment. For season long control follow with a second application within 7-14 days after the initial treatment. Apply 8 oz. Per 1000 sq. ft. on the second application. Again water in after application to move Oasis XL into the soil profile.

Under extreme conditions, or in areas with extended growing seasons (ie. Florida) where desired residual performance is not achieved, it may be necessary to apply an additional 4-8 oz. per 1000 sq. ft. as a follow-up treatment. This third application should be made 90 days after the second application.

For curative treatment of dry spots, apply 4-8 oz. per 1000 sq. ft. every 7-14 days or as required. This application may be made with a hand held hose-end applicator.

NOTE: It is advisable during periods of high temperature to water-in Oasis XL Soil Surfactant applications.

# Golf Course Fairways and Athletic Fields:

Tank mix 5 gallons of Oasis XL Soil Surfactant in 100 gallons of water. Apply the 100 gallons of mixed solution per acre in mid to late spring. Water briefly after application to remove from the foliage into the top of the soil profile.

If making monthly applications, apply 3-4 oz. per 10,000 sq. ft.  $(1 - 1)^{1}/_{3}$  gal/Acre). Apply on turf surface then water in or inject into irrigation system.

#### **Lawn Care:**

Apply 8-16 oz per 1000 sq.ft. for season long performance. Water briefly after application to move the Oasis XL into the soil profile.

# **Irrigation Injection:**

Apply 1-6 quarts per acre. Repeat injections as needed. Supplemental treatment of tees and greens may be required due to the diluted rate of application common with irrigation injection systems.

# Nurseries, landscapes, and bedding plants:

To reduce the losses of nursery and landscape plants make an application of 4-8 oz per 1000 sq. ft. Make application every 7-14 days to aid in water penetration and hard to wet soils. Irrigate immediately following application.

Spray or blend 10 oz. of Oasis XL per 25 cubic ft. of potting soil to allow the soil to take on water more readily. After planting water with another 4-8 oz. of Oasis XL per 1,000 sq. ft.

#### **Protect From Freezing**

Limited Warranty and Conditions of Sale Seller warrants only that this material conforms to the chemical description on the label and is reasonably fit for use when used strictly as directed hereon under normal conditions for use. Buyer and user acknowledge and assume all risks and liability resulting from use of the material.



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