



Regulate™ Plus Super Water Holding Agent & Penetrant

Regulates even water penetration while reducing Localized Dry Spots (LDS)

Regulate™ Plus is a dual action penetrant and super water holding agent. The results are even water movement throughout the soil, reduction of Localized Dry Spots (LDS) and consistent water dispersion within the root zone. Applications of **Regulate™ Plus** promote even "wetting" and even "drying" of the soil which improves water management.

Regulate™ Plus contains Salicylic Acid (SA). Salicylic Acid (SA) enables the turf tissue to retain more water and enhances the plant's immune system to react faster to stress recovery. The results are an improvement in the plant's ability to recover from heat and drought stress.

Regulate™ Plus provides the following benefits:

- Prevents and cures Localized Dry Spots (LDS)
- Eliminates water channeling in soil profile
- Increases water and nutrient availability
- Helps reduce high soil temperatures
- Reduces run off and evaporative water loss
- Reduces dew and frost incidence
- Improves turf quality in bunker banks
- Increases seed germination
- Reduces water costs
- Reduces energy consumption
- Combines with most chemicals to work as a penetrant
- Provides erosion control during construction

General Information

Regulate™ Plus is formulated to reduce the effects of Localized Dry Spots (LDS) caused by hydrophobic soils by increasing both the rate and depth of water infiltration into the root zone for extended periods of time. Because **Regulate™ Plus** provides proven performance over hydrophobic soil conditions and localized dry spots – better drainage and deeper, more even root growth is achieved.

Application Techniques

The objective of irrigating after application is to move the **Regulate™ Plus** down into the soil profile where it can perform. Pre-wetting the turfgrass, under hot or dry conditions, with at least two turns of the irrigation heads or approximately .10 inches (26 mm) of water, will reduce the concentration of **Regulate™ Plus** on the leaf surface during application and improve overall product performance. Following application, irrigate immediately for 15 - 20 minutes or with approximately .25 inches (64 mm) of water to move **Regulate™ Plus** into the root zone to enhance product performance. To determine that sufficient irrigation has been applied, use a soil probe in the treated area to ensure that the soil is moist to the desired soil depth from the irrigation cycle. Continue to cycle the irrigation, without puddling the surface, until the desired depth is achieved. The amount of water you apply immediately after application regulates the depth of the soil that **Regulate™ Plus** will manage. **Regulate™ Plus** is compatible with most chemicals and liquid fertilizers. Before using, test the tank mix for compatibility and effect on turf quality.

- Weight per gallon: 8.6 lbs. (3.90 kg)
- pH: 3.6
- Derived from: Proprietary blend of advanced surfactants and salicylic acid

Regulate™ Plus is a trademark of JADA Corp. and formulated by them.



Directions for Use:

Regulate™ Plus should be applied early in the growing season as a preventative measure against LDS or as a curative treatment later in the growing season.

Initial Application Rates:

Regulate™ Plus should be applied as a split application of 8 oz. (237 ml) followed by an additional 8 oz. (237 ml) within 7 to 10 days of the initial application. Two applications of 8 ounces (237 ml) each in 1 - 2 gallons (3.79 - 7.57 L) of water per 1,000 sq. ft. (92.9 ml) at a 7 to 10-day interval will generally relieve the symptoms of LDS. Under extreme conditions, such as heat or drought, or in geographies with extended growing seasons, it may be necessary to make sequential applications of 8 oz. (237 ml) each applied at appropriate intervals. Mix with water (minimum 100 gallons per acre). Immediately irrigate after application to rinse the leaf blades and activate the wetting process.

Push-up Greens & Fine Turf: Apply 2 - 3 oz. of **Regulate™ Plus** per 1,000 sq. ft. every 2 weeks 4 - 6 ounces per 1,000 sq. ft. every 4 weeks. Irrigate after application.

Sand-Based Greens: Apply 4 ounces per 1,000 sq. ft. every 2 weeks or 8 ounces per 1,000 sq. ft. every 4 weeks.

Fairways, Tees and Sports Turf:

- Apply 5.4 Gallons per Acre (16 oz. per 1,000 sq. ft.) every 90 days
- Apply 2.7 Gallons per acre (8 oz. per 1,000 sq. ft.) every 45 days.
- Apply 1-2 Gallons per acre (3 - 6 oz. per 1,000 sq. ft.) once a month as needed.

Injection: Apply 16-32 ounces per acre (1/8 – 1/4 gallon) throughout the season.

Application Rates for Regulate™ Plus

Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 1,000 sq. ft.
2.0 oz	0.7 Gal	59 ML
3.0 oz	1.0 Gal	89 ML
4.0 oz	1.4 Gal	118 ML
8.0 oz	2.7 Gal	237 ML
16.0 oz	5.4 Gal	473 ML

Tank Mixing Information:

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least 3/4 full of water and begin agitation.

Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

- 1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables,
- 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents,
- 7) Micronutrients and Fertilizers, 8) Spray adjuvants

Before mixing multiple chemicals and/or fertilizers in the tank, confirm product compatibility by performing a jar test. Be sure to mix with plenty of water.

Caution:

Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

Storage and Handling:

Store in a cool, dry place. Keep container tightly closed. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

Store above 32° F. Do not allow to freeze.

Available Container Sizes:

2 x 2.5 gal	(2 x 9.46 L) Case
30 gal	(113.56 L) Drum
55 gal	(208.20 L) Drum
275 gal	(1040.99 L) Tote

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