

Remediator™

Polyacrylamide Soil Conditioner

Remediator contains a high level of soluble calcium which displaces sodium. By displacing sodium, stable soil particles and pore spaces are created in the soil. The effectiveness of the calcium is compounded by the use of a polyacrylamide (PAM) that attaches to the soil particle and remains in the soil for years, helping the soil structure to resist collapsing. The effect of the PAM is cumulative and long lasting.

Remediator reacts synergistically with residual organic matter in clay soils to achieve stable soil particles which do not form a crust on the surface after rain or irrigation. Water then infiltrates the soil instead of running off into drainage systems. A larger percentage of rain or irrigation water will penetrate the soil surface when it is treated with **Remediator**.

Deeper root growth is achieved in soil treated with **Remediator** due to the creation of stable soil particles and pore spaces between these soil particles which store water, nutrients, and air. Roots move easily through these pore spaces.

Turf and other ground-covers grown in soil treated with **Remediator** are less likely to form thatch. Roots growing above hard, compacted soil tend to create thatch due to the difficulty of penetrating such hard soil. Improved pore structure in **Remediator** treated soil allows roots to penetrate the soil much easier.

Where soils have excess salts, treating with **Remediator** will improve the ability of irrigation and rain water to flush salts away from the root zone.

Remediator allows the use of reclaimed water for turf and landscape irrigation without causing increased compaction of clay soil. Damage to plant leaves from the salts in reclaimed water is also reduced.

CALCIUM EQUIVALENTS

32 ounces of **Remediator** will yield results comparable to 200 pounds dry gypsum (1 liter comparable to 95 kilograms dry gypsum). 2.5 gallons of **Remediator** will yield results comparable to one ton dry gypsum (10 liters comparable to 950 kilograms dry gypsum).

Remediator

Polyacrylamide Soil Conditioner

Remediator is a liquid formulation of calcium chloride, surfactants, penetrants, and a water soluble polyacrylamide, also known as PAM, that work together in a synergistic manner to create a unique soil conditioner. This solution remedies sodium and/or salt problems, clay and compact soil, soggy soil, and water drainage problems. It also addresses soil erosion and problems associated with poor or reclaimed irrigation water.

Remediator contains a water soluble polymer which is very different from the super absorbent polymer gels that swell when in the presence of water. The water soluble polymer in **Remediator** does not swell in the presence of water but is dissolved in the water and is left behind, attached to soil particles, when the water evaporates.

- Releases salts, lowering soil electrical conductivity (EC)
- Improves clay soils by displacing sodium, immediately decreasing exchangeable sodium percentage
- Improves soil drainage
- Reduces crusting and improves infiltration of water and nutrients
- Helps overcome problems associated with reclaimed water usage
- Easier seedling emergence
- Less soil erosion
- Helps maintain healthy balance of nutrients
- Eliminates standing water
- Money back guarantee

Remediator is not compatible with products containing sulfates or phosphates. Safe on all warm and cool season grasses, including golf course greens. Can be used on bare ground and ornamental plants. Can be applied any time of year, except when ground is frozen.

COMPOSITION

Remediator is non-toxic and biodegradable.

Active Ingredients:

25% Calcium chloride
1% Polyacrylamide
1% Non-ionic polyols
73% Water

Remediator is available in 55, 30 and 2.5 gallon recyclable containers.*

*Check with your distributor for availability.

APPLICATION RATES

Golf, Lawns, and Sports Turf

Maintenance Rate: Apply 8 ounces per 1,000 ft² in 2 gallons of water (25 L/ha in 800 L) at 30 day intervals or as needed.

Curative Rate: Apply 16 to 32 ounces per 1,000 ft² in 3 gallons of water (50 to 100 L/ha in 1,200 L) at 30 day intervals. Once turf conditions improve begin applying maintenance rate.

Irrigate with sufficient water to deliver **Remediator** to the soil profile - 1/8 inch (3 mm) or more recommended.

Shrub and Tree Plantings

Mix 2 ounces in 1 gallon of water (16 ml in 1 L). Pour 16 ounces of mixture in the planting hole for each gallon size of container (125 ml of mixture per liter size of container).

Seeding Applications

After broadcasting seed, apply 32 ounces per 1,000 ft² in 3 gallons of water (100 L/ha in 1,200 L) to hold seed in place and help prevent erosion.



AQUA·AID
SOLUTIONS

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