

# How it works

## ENHANCED WATER RETENTION

- Amorphous silica increases soil's ability to retain water.
- Reduces irrigation frequency, conserving water in arid conditions.

## IMPROVED NUTRIENT RETENTION

- Enhances soil's nutrient-holding capacity.
- Ensures consistent nutrient availability to plants, reducing fertilizer requirements.

## SUPERIOR TURF HEALTH

- Promotes root growth and resilience.
- Enhances plant resistance to drought and stress.
- Results in lush, green, and healthy turf, even in harsh conditions.

## SOIL STRUCTURE IMPROVEMENT

- Amorphous silica improves soil aeration and structure.
- Enhances root penetration and overall soil health.

## COST EFFICIENCY

- Reduces water and fertilizer usage, lowering maintenance costs.
- Minimizes turf replacement and repair expenses due to improved turf durability.

## ENVIRONMENTAL BENEFITS

- Reduces water runoff and soil erosion.
- Promotes sustainable water use and conservation practices.

