



## Plant Survival Essentials

# ADVANCED POLYMER GEL

Guaranteed Analysis (wt./wt.)

99.5% Potassium Propenoate Propenamide Copolymers  
0.5% Inert ingredients

### Product Features

As an additive, Bio-Plex Gel increases the water-holding capacity while it improves aeration and drainage of soils.

When properly hydrated, Bio-Plex Gel protects turf, sod, trees and shrubs against water stress damage caused by under-watering.

Bio-Plex Gel increases plant survival by reducing transplant shock and acting as a soil buffer.

The consistent, reliable moisture release from Bio-Plex Gel improves rate and speed of grass seed germination.

Bio-Plex Gel aids in the absorption of excess moisture to help maintain good drainage adequate soil oxygen levels, and prevent root-rot.

Bio-Plex Gel has a patented hydrophobic coating which prevents lumping, and makes its application possible even under moist conditions.

As a dry, free flowing crystal, Bio-Plex Gel is compatible with granular fertilizers, grass seed, and other granular products.

Bio-Plex Gel is easy to use in tank mixes, injection units, sprayers, and polymer planters. Bio-Plex Gel is non-corrosive.

Bio-Plex Gel is friendly to our environment.

### Main Physical Characteristics

Non-toxic (FHSA Std); 7 - 7.5 pH.; non-phytotoxic.  
Small Coated crystal; free flowing.

Dustless; disperses evenly in liquids; no lumping.

More than 95% of absorbed liquid is released to the soil or plants, as needed.

**Net Wt. 15 lbs (6.80 Kilograms)**

### APPLICATION RATES & METHODS

**Tree & Shrub Planting:** Mix Bio-Plex Gel with backfill at the rate of 1 oz. per caliper inch (or 1 oz. per ft. of ball diameter). Also spread 1/2 oz. as the plant is placed in the hole. Replace 1/2 of the treated soil and water thoroughly. Finish filling hole and water again.

**Sod Laying:** Mix Bio-Plex Gel uniformly into the top 2" of soil at the rate of 1 to 2 lbs. per 1000 sq. ft. After laying sod, water thoroughly.

**Hydroseeding:** Add Bio-Plex Gel to water while tank is filling, at the rate of 15 lbs. per acre. For slope applications use 24 lbs. per acre.

**Potting Soils & Large Containers:** Mix Bio-Plex Gel with soil or media at the rate of 3 lbs./cu. yd.; or Planting 1 oz. per 5 gal. container, or 3/4 oz. per 3 gal. container.

**Bare-Root Dipping:** Prepare a slurry by adding 1/2 oz. of Bio-Plex Gel per gallon of water. Dip the bare-rooted stock and plant. For the most effective transplant dip combination, add Bio-Plex Technical Concentrate and Granular Mycorrhizae at label rates.

**Urban Planters & Beds:** Rototill Bio-Plex Gel 4"-6" deep at 2-3 lbs. per 1000 sq. ft. Dribble 1 gram (1/4 tsp.) per plant hole.

**Ground Cover:** Rototill Bio-Plex Gel 5"-6" deep at the rate of 1 to 1.5 lbs./1000 sq. ft. or blend Bio-Plex Gel with media at 2 lbs. per cubic yard.

**Turf Seeding:** Spread Bio-Plex Gel uniformly into the top 2"-3" of prepared soil at 1/2 lb. to 3/4 lb. per 1000 sq. ft., alone or in combination with starter fertilizer. Seed, then water thoroughly. Bio-Plex Gel can also be blended with seed prior to spreading.

**Polymer Planting:** Place polymer alone or blended with sand 4"-6" deep at the rate of 2 lbs.-3lbs. per 1000 sq. ft. Water thoroughly.