BioPlex® Advanced Polymer Gel Crystals

Guaranteed Analysis (wt./wt.)
99.5% Potassium Propenoate Propenamide Copolymers • 0.5% Inert Ingredients

Product Features:

- As an additive, BioPlex Gel increases the water-holding capacity while it improves aeration and drainage of soils.
- When properly hydrated, BioPlex Gel protects turf, sod, trees, and shrubs against water stress damage caused by under-watering.
- BioPlex Gel increases plant survival by reducing transplant shock and acting as a soil buffer.
- The consistent, reliable moisture release from BioPlex Gel improves rate and speed of grass seed germination.
- BioPlex Gel aids in the absorption of excess moisture to help maintain good drainage, adequate soil oxygen levels, and prevent root rot.
- BioPlex Gel has a patented hydrophobic coating which prevents lumping and makes its application possible even under moist conditions.
- As a dry, free flowing crystal, BioPlex Gel is compatible with granular fertilizers, grass seed, and other granular products.
- BioPlex Gel is easy to use in tank mixes, injection units, sprayers, and polymer planters. BioPlex Gel is non-corrosive.
- BioPlex Gel is friendly to our environment.

Main Physical Characteristics
Non-toxic (FHSA Std); 7 - 7.5 pH; non-phytotoxic.
Small coated crystals; 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 U.S. (6.80 Kilograms)

APPLICATION RATES & METHODS:

Tree & Shrub Planting: Mix BioPlex 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 BioPlex 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: Mix BioPlex Gel with 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 BioPlex 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 BioPlex Gel per gallon of water. Dip the bare-rooted stock and plant. For the most effective transplant dip combination, add BioPlex Technical Concentrate and BioPlex Granular Mycorrhizae Soil and Root Inoculum at label rates.

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

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

Turf Seeding: Spread BioPlex 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. BioPlex 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.

BioPlex® ORGANICS
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