



## Gravitate™

### Humectant / Hygroscopic / Surfactant Blend

#### GENERAL INFORMATION

Gravitate contains an advanced formulation of humectant/hygroscopic compounds blended with a proven soil surfactant technology to provide root-zone moisture management.

The humectant/hygroscopic ingredients in Gravitate, combined with the proven soil surfactant, works in tandem to enhance infiltration of irrigation water and rainfall with the added function of attracting available soil moisture that would otherwise be lost to evaporation.

The surfactant ingredient reduces water surface tension to improve movement of water in the soil profile and distribute the humectant compound to the root-zone.

The humectant ingredient forms strong hydrogen bonds with water molecules and improves the proportion of plant available water by extracting moisture from air spaces within the soil matrix.

Gravitate provides extended residual soil wetting action throughout the plant root-zone to extend irrigation cycles and enhance the growing environment for the targeted crop.

#### USE RATES

**For Best Results—Inject Through Irrigation Systems:** Apply Gravitate at an initial rate of 2 quarts per acre. Subsequent applications should be made at the rate of 1 to 2 quarts per acre to meet the needs of the crop, based on environmental conditions. Prior to adding Gravitate to irrigation tanks containing water conditioners or plant nutrients, conduct a jar test to ensure compatibility.

**Conventional Sprayers:** Apply Gravitate at 2 quarts per acre and follow as needed with an irrigation cycle. Apply subsequent applications at 1 to 2 quarts per acre and irrigate as needed.

#### TECHNICAL INFORMATION

**Net Weight:** 10.17 lbs/gal

**Specific Gravity:** 1.20-1.22

**Flashpoint:** >200°F SFCC

**pH:** 4.7-5.7 (1% dilution)

**Color & Appearance:** Dark Brown Liquid

**Odor:** Mild

**Storage Temperature - Minimum:** 32°F

**Storage Temperature - Maximum:** 120°F

**DOT/IMDG Transportation:** Not Regulated

**Registered With CDPR:** N/A

**Registered With WSDA:** N/A

#### NONPLANT FOOD INGREDIENTS

- 38.0% Humectants
- 17.1% Alkyl polyglucoside
- 11.9% Oxirane, methyl, polymer with oxirane
- 1.6% Castor oil, ethoxylated
- 31.4% Inert Ingredients



#### PACKAGING

2 x 2.5 gallon jugs  
36 cases per pallet  
Item#: GRAV02

30 gallon drum  
5 drums per pallet  
Item#: GRAV30

55 gallon drum  
4 drums per pallet  
Item#: GRAV55

265 gallon tote  
1 tote per pallet  
Item#: GRAV265



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Important: This information is not a substitute for the label. Always read and follow label instructions.

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