



New

Aqua-Drive Elite™

High Performance
Soil Wetting Agent

Aqua-Drive Elite is the next generation formulation of Aqua-Drive, the #1 soil wetting agent used in Western Agriculture. It is formulated to remediate hydrophobic soils found in the West that are heavily irrigated.

Formulated with high performance block polymers, Aqua-Drive Elite dramatically increases soil moisture reserves, deepens penetration of irrigation water and precipitation, and dramatically decreases runoff in hydrophobic Western soils.

CONTACT INFORMATION

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HIGH SURFACTANT VOLUME: Each gallon contains one-third surfactants for better value and performance.



HIGH PERFORMANCE BLOCK POLYMERS: Retain and improve moisture availability in the root zone.



FORMULATED FOR HYDROPHOBIC SOILS: Remediates highly irrigated soils that repel water.



ENGINEERED FOR SALINITY, BICARBONATES AND SAND: Formulated for soils high in salinity, bicarbonates, and sand.



NON-REACTIVE: Highly stable in saline and alkaline water.



REWETTING: Reactivates after multiple irrigations and precipitation cycles up to 45-60 days.



RELIABLE TANK MIXING: Nonionic surfactant eliminates foaming and gelling in tank mixes.



Aqua-Drive Elite™ – Diamond K's Next Generation Soil Wetting Agent

Formulation Components

	Description	Function	Benefit
Poloxalene	Nonionic surfactant	Lowers surface tension, helps water spread, penetrates into soil pore spaces	Improves initial wetting of hydrophobic soils, aids infiltration, remedies chronic dry spots
Alkyl Polyglucoside	Biodegradable starch nonionic surfactant which is low in toxicity	Provides strong wetting and spreading, creates water films around soil particles to improve water distribution in soil	Safe for crops, sugars in starch benefit crops and microbes
Vegetable Oil Ethoxylate	Natural vegetable oil nonionic surfactant	Increases emulsification and spreading characteristics of irrigation water and precipitation	Solubilizes hydrophobic residues, increases water movement around organic coatings, supports more uniform moisture reserves

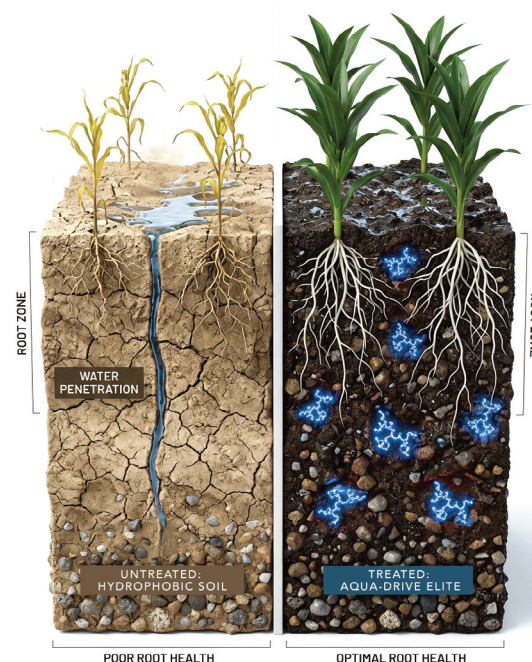


High Performance Block Polymers

	Benefit
Soil Action	Increases Soil Moisture Retention & Availability
Best Use	Improves Drought-Prone Soils
Irrigation Impact	Increases Moisture Retention Duration
Root Zone Impact	Sustains Wetting Ability

Non-ionic Surfactant Performance

	Non-ionic Surfactants	Anionic Surfactants
Electrical Charge	None	Negative
Hard Water Stability	Good	Poor-Moderate
Reduces Surface Tension	Excellent	Excellent
Mixing Compatibility	Good	Poor
Crop/Plant Safety	Good	Problematic
Hard Water Antagonism	None	Problematic



Container Sizes



2 X 2.5 Gal. Jug

55 Gal. Barrel

250 Gal. Tote



Recommended Program

Spring Startup: Apply Aqua-Drive Elite at 1 to 6 quarts per acre through any type of irrigation system. First application should coincide with first irrigation cycle.

Apply additional applications of 1 to 6 pints per acre every 45-65 days after initial application.