

Extend Soil-Applied Herbicide Activity with VARIANT™



Soil Surfactant and Soil Retention Agent

Unlike traditional soil surfactants, VARIANT™ contains technology with a unique molecular structure with a water-attracting, oxygenated component that delivers increased efficacy and residual performance of certain soil-applied herbicides. VARIANT can be applied separately for treatment of soils, or tank mixed with a wide range of herbicide sprays. VARIANT is tank mix compatible with a range of contact or systemic herbicides that are formulated for multiple modes of action.

KEY BENEFITS

EXTEND HERBICIDE SPRAY PERFORMANCE.

Can be used in advance, or as a tank mix partner, to treat soils for extending performance of herbicide sprays

KEEP HERBICIDE IN GERMINATION ZONE.

Unique blend of vegetable oil derived surfactant and resins keep more herbicide in the plant germination zone for extended control

INCREASE ADSORPTION.

Improves herbicide performance by increasing the adsorption of soil residual herbicides in the upper soil profile

AFFINITY FOR ACTIVE INGREDIENTS.

Provides a higher density of active ingredients and smaller molecular surface area that exhibit an affinity for the herbicide active ingredients

OVERLAP OF HERBICIDE PROGRAMS.

Allows residual herbicide programs to overlap which assists in controlling resistant weeds

POLYMERIZED RESINS/FATTY ACIDS.

Polymerized resins and fatty acids found in VARIANT enhance adsorption to soil and reduces leaching

NATURAL RENEWABLE RESOURCES.

The fatty compound in VARIANT is derived from naturally renewable resources

RAINFALL CONDITIONS.

Improves activation of herbicides under low or high rainfall conditions



USE RATE RANGE

4 to 20 FLUID OUNCES PER ACRE

Spray Applied Use Rates for Soil Types at Spray Volume of 10-15 GPA

Coarse:	Sand and Loam Type	12-16 oz/A
Medium:	Loam and Silt Loam, Sandy Clay Loam	6-20 oz/A
Fine:	Sandy Clay, Silt Clay Loam and Clay	4-8 oz/A

VARIANT is most effective when applied in concentration as a spray application.



Contact KALO at (800) 255-5196 to learn more about Variant.

www.KALO.com

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