



Variant™ Soil Surfactant / Activator

GENERAL INFORMATION

Variant is formulated using QUANTUM™ technology to enhance and extend the performance of a range of residual performing herbicide spray applications. This unique blend of vegetable oil derived surfactant and resins keeps more herbicide in the weed germination zone for extended control.

Variant provides improved herbicide performance by increasing the adsorption of soil residual herbicides in the upper soil profile.

Unlike traditional surfactants, Variant provides a higher density of active ingredients and smaller molecular surface area that exhibit an affinity for the herbicide active ingredients.

Polymerized resins and fatty acids found in Variant enhance adsorption to soil and reduce leaching.

Use Variant as a stand-alone application or with a wide range of tank mix partners that are formulated for multiple modes of action.

USE RATES

Use rates are determined by the volume of liquid carrier applied per acre.

GPA Spray Volume	Use Rate per Acre
5-10	8 fl. oz.
10-20	16 fl. oz.
20-30	24 fl. oz.
30+	32 fl. oz.

TECHNICAL INFORMATION

Net Weight: 8.17 lbs/gal

Specific Gravity: 0.96-0.98

Flashpoint: >200°F (93°C) SFCC

pH (1% aqueous solution): 4.5-5.5

Solubility in Water at 20°C: Dispersible

Color & Appearance: Clear Yellow Liquid

Odor: Fatty

Storage Temperature - Minimum: 40°F

Storage Temperature - Maximum: 120°F

DOT/IMDG Transportation: Not Regulated

Marine Pollutant: No

Registered With CDPR: No

Registered With WSDA: No

PRINCIPAL FUNCTIONING AGENTS

20.00% Ethoxylated Triglyceride

20.00% Copolymer of Alpha- and Beta-Pinene



PACKAGING

2 x 2.5 gallon jugs
36 cases per pallet
Item#: VAR02



QUANTUM Technology

QUANTUM

Variant is part of the QUANTUM Adjuvant Technology. QUANTUM can serve as a low use-rate replacement for crop oil, methylated seed oil and nonionic surfactants. Always follow pesticide label instructions regarding adjuvant use.



KALO

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

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