

# PRODUCT INFORMATION



## Raze™

### DRY WATER CONDITIONING AGENT FOR HERBICIDE SPRAYS WITH MICROBIAL TECHNOLOGY FOR ACCELERATING CROP RESIDUE BREAKDOWN

#### GENERAL INFORMATION

Raze is a water conditioning adjuvant system along with a proprietary consortium of microorganisms to hasten the natural breakdown and conversion of crop residue into nutrient rich soil organic matter.

The Microbial Technology consists of a premium blend of microorganisms and fungi that actively break down crop residue while cycling nutrients for subsequent uptake. The Microbial Technology is a proven microbial collection that is used on millions of acres annually. Accelerated breakdown of crop residue allows for more carbon to be captured and recycled to build soils, increase nutrient availability, and enhance plantability for greater yield potential.

Raze is suitable for use alone or in tank mix applications with burn down herbicides such as glyphosate, 2,4-D, and others requiring AMS or water conditioning to prevent hard water antagonism. The sulfur in Raze serves as an important food source for bacteria to multiply and is a key component for protein synthesis both for plants and bacteria.

Raze is a spray-grade formulation that readily dissolves in water to neutralize antagonism from hard water minerals such as iron, calcium and magnesium. When used at the labeled rate, Raze delivers equivalent water conditioning and chelating performance of up to 2% by weight (w/w) of ammonium sulfate spray solutions.

Raze is compatible with a wide range of crop protection inputs and can be used with additional tank mixed spray adjuvants such as nonionic surfactants and drift control agents as needed.

Crop residue that has been sprayed with Raze is not harmful to livestock.

Tank mixes containing Raze should be used within 48 hours of mixing for best results.

#### USE RATES

##### GROUND APPLICATIONS

Use 5 pounds of Raze per 100 gallons of water applied at 12 to 15 gallons per acre.

##### SEASONAL APPLICATIONS

Fall: Apply after harvest for best performance.

Spring: Apply with early herbicide application or in the termination of cover crops.

Summer: Ideal for breaking down wheat stubble.

#### PACKAGING

20 pound bag / 50 bags per pallet / Item#: RAZE20

#### PRINCIPAL FUNCTIONING AGENTS

Ammonium Sulfate,  
2-Hydroxy-1-2,3-Propanetricarboxylic Acid,  
Consortium of Microbials.....100%

#### MINIMUM GUARANTEED ANALYSIS

Microbial content.....2.5%  
Bacillus amyloliquefaciens..... $2.125 \times 10^9$  cfu/g  
Bacillus licheniformis..... $8.500 \times 10^9$  cfu/g  
Bacillus megaterium..... $2.125 \times 10^9$  cfu/g  
Bacillus pumilus..... $6.375 \times 10^9$  cfu/g  
Phanerochaete chrysosporium..... $1.487 \times 10^5$  cfu/g  
Trichoderma harzianum..... $6.375 \times 10^5$  cfu/g



#### TECHNICAL INFORMATION

Flashpoint: Difficult to Burn

Solubility in Water: Complete

Density: 65.5 lb/ft<sup>3</sup>

Color: White

Appearance: Free Flowing Granule

Odor: Slightly Chemical

Store Between 40°F & 120°F

Not Regulated

Marine Pollutant: No



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

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