



FIXATE™

Water Conditioner / Nonionic Surfactant / Humectant



- Fixate provides both water conditioning activity as well as pesticide enhancement.
- Fixate contains an ingredient that when added to the spray water reacts with bicarbonate ions in the water to form both nitrogen and sulfate.
 - The nitrogen combines with glyphosate (and other pesticides) to improve the uptake and translocation of glyphosate.
 - The sulfate combines with impurities in the spray solution (Calcium, Iron, Magnesium, Sodium and other salts) to prevent them from combining with the pesticide and antagonizing the pesticide.
- Fixate lowers the pH of the spray solution which allows specific pesticides (especially glyphosate) to be more active and less likely to interact with salts in the spray solution.
- Fixate contains a penetrating nonionic surfactant that not only helps improve coverage on the plant but also improves deposition throughout the spray canopy.

- Typical use rate is 2 quarts/100 gallons of spray solution
 - 1-2 qt/100 gallons for fully loaded glyphosate herbicides
 - 2-4 qt/100 gallons for partially or unloaded glyphosate herbicides
 - 1-2 qt/100 gallons for most other herbicides

- Package Sizes:
 - 2x2.5 gallon case
 - Repack
 - 275 gallon
 - Bulk

Always Read All Pesticide and Adjuvant Labels Prior to Use

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Principal Functioning Agents:

Monocarbamide dihydrogen sulfate, ammonium sulfate, surfactants, humectants and ingredients ineffective as a spray adjuvant 100%
TOTAL **100%**

KEEP OUT OF REACH OF CHILDREN DANGER

CORROSIVE. Causes skin or eye irritation. Avoid contact with skin, eyes or clothing. Do not take internally. Wear proper eye protection, gloves, apron, long sleeve shirt and pants and shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID

Call a poison control center or doctor immediately for treatment advice.

Have the product container with you when calling a poison control center or doctor, or going for treatment.

If Swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.

NET CONTENTS:

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Inver Grove Heights, MN



GENERAL INFORMATION

FIXATE™ is a proprietary blend of water conditioning agents, superior nonionic surfactants and humectants. This blend of ingredients provides outstanding performance to any pesticide that is compatible with an acidic water conditioner.

The proven set of water conditioners provides protection of the pesticide performance from the rigors of hard water. Hard water ions such as calcium, magnesium and iron can combine with certain pesticides, making them insoluble and decreasing performance. **FIXATE™** gets in between the pesticide and the hard water ions, allowing the pesticide to do its work.

The high-performance surfactants in **FIXATE™** reduce surface tension of the spray droplet on the plant surface, allowing the droplet to spread and cover more surface area. Increased surface area means faster movement of the active into the target, speeding the process of killing the target.

The humectants in **FIXATE™** slow drying of the droplets on the leaf surface. This, along with the increased surface area coverage, increases movement of the active into the target for better efficacy.

This combination of properties, water conditioning, reduced surface tension and humectancy, helps insure better, more consistent control of disease and infestation over a wider range of conditions than with pesticide or any single-property adjuvant alone.

DIRECTIONS FOR USE

Be sure to follow all directions on the pesticide label. Check the pesticide label for pH considerations. **FIXATE™** will reduce pH of the tank mix dramatically. Use only if use of the pesticide is not excluded in low pH conditions. The applicator or consultant must have experience using this product or have performed a phytotoxicity test to ensure safety and a "jar" test to ensure compatibility with the exact mix being used. Follow the mixing order established on the label. If the order is not clear, follow the directions below.

1. Add water to the tank, preferably ½ or more full and start stirring.
2. Add any dry formulations such as DG, DF or WSP formulations. Allow to disperse and mix thoroughly so that no lumps or clumps are left before moving on.
3. Continue stirring and add other ingredients including pesticides, fertilizers and other adjuvants. It is preferable, but not necessary, to add **FIXATE™** last.

USE RATES

Pesticide	Use Rate (quarts/100 gallons of tank mix)
Glyphosate, "full load"	1-2
Glyphosate, "partial load" or "unloaded"	2-4
Most other pesticides	1-2

STORAGE, HANDLING AND DISPOSAL

Store in a cool, dry place away from fire, flame or other sources of ignition. Handle using the PPE indicated in the precautionary statements. Dispose of material by triple-rinsing container and dumping rinsate into mix tank. Dispose of rinsed container by either recycling or according to all local, state and federal regulations and laws.

Conditions of Sale and Warranty Limitation: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of West Central Inc. or the seller. All such risks shall be assumed by the buyer. West Central Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. West Central Inc. makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall West Central Inc. or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. West Central Inc. and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of West Central Inc.

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