

pHix It™

Spray Solution Adjuvant Buffering Agent

FUNCTIONAL COMPONENTS

Glycol ether	19 %
2-hydroxy-1,2,3-propanetricarboxylicacid	19 %
Polydimethylsiloxane	1 %
Non-functional components	<u>61 %</u>
Total	100 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

Read All Directions Before Using

See Material Safety Data Sheet for additional information.

EMERGENCY CONTACT: CHEMTREC (800) 424-9300

Manufactured by:

BECKER UNDERWOOD

801 Dayton Avenue

Ames, Iowa 50010

(800) 232-5907

www.beckerunderwood.com

Net Contents: 1 gallon (3.78 L)

IMPORTANT INFORMATION

Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

GENERAL PRODUCT DESCRIPTION

pHix It is a low foam spray solution buffering agent that enhances the performance of pesticide spray solutions. The use of **pHix It** as a buffering agent reduces the negative effects of alkaline hydrolysis – a pH-sensitive chemical process that accelerates the breakdown of active ingredients in commonly used pesticides. By using **pHix It** in the spray tank, applicators will maximize their confidence in the performance of certain pesticide applications that recommend the use of a spray solution buffering agent.

pHix It spray solution adjuvant contains an antifoaming agent to reduce and minimize foaming that sometimes occurs in pesticide spray solutions.

DIRECTIONS FOR USE

FOLLOW ALL PESTICIDE LABEL DIRECTIONS CONCERNING THE ORDER OF ADDITION AND MIXING OF ADJUVANTS IN THE FINAL SPRAY SOLUTION.

The addition of adjuvants to some pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible ornamental crops. Prior to the addition of **pHix It** to spray tank mixes, the applicator or crop advisor must have experience with the pesticide and/or fertilizer combination or must have conducted a phytotoxicity trial to ensure biocompatibility with the target plants and use site.

Before preparing the pesticide spray solution, visually inspect the sprayer tank and all equipment including filters, valves, hoses, and nozzles. Ensure the sprayer is thoroughly clean and free of any chemical residues that may negatively influence the efficacy and performance of the planned spray solution.

Fill the sprayer tank 1/2 to 2/3 full of clean water. Engage the agitator and add **pHix It** first to the tank before other adjuvants to buffer the spray solution to the desired pH. Follow the pesticide manufacturer's product label directions for preparing and mixing the final spray solution.

MIXING

Maintaining agitation while adding fertilizers or pesticides as directed by the product label or in the following sequence:

1. Fertilizers and micronutrients
2. Dry flowables and dispersible granules
3. Flowables
4. Water-soluble pesticides
5. Emulsifiable concentrates

APPLICATION RATES

Determine the desired pH level for the spray solution from the manufacturer's pesticide label. Check the solution pH using a pH meter or other reliable pH measuring device.

Reference the chart below to determine the amount of **pHix It** to add to the spray solution to achieve the desired pH level. Adjust rates of **pHix It** as water conditions vary.

<u>Starting pH</u>	<u>Amount of pHix It to add per 100 gals</u>
Greater than 8	16 oz
7 to 8	8 oz
6 to 7	4 oz

Apply best management practices and check compatibility when used in combination with other chemistries for all applications.

Best Performance Practices

- Spray equipment should be clean and in good operating condition.
- The use of **Turf Mark®** spray pattern indicator in the pesticide spray solution will help the spray equipment operator avoid application skips and overlaps.

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PRECAUTIONARY STATEMENTS

CAUTION: Avoid contact with eyes, skin and clothing. Use proper hygiene when handling. Impervious gloves and goggles/safety glasses/safety shield are recommended for use with the concentrate.

Statement of Practical Treatment

- Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Prolonged or repeated contact may result in mechanical irritation.
- Skin Contact:** Wash with soap and water.
- Inhalation:** Move to fresh air. Seek medical attention if irritation develops.
- Ingestion:** Seek medical attention.

STORAGE AND HANDLING

Keep product from freezing. Do not reuse empty container

SPILL, LEAK AND DISPOSAL PROCEDURES

- Contain the spill or leak to prevent discharges to surface streams or storm sewers.
- Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled and closed container.
- Dispose of collected material according to federal, state/provincial and local environmental regulations.

WARRANTY DISCLAIMER

Becker Underwood, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in strict accordance with the directions. BECKER UNDERWOOD DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

REMEDIES

The remedy for injury or damage from this product is limited to, in Becker Underwood's sole discretion, replacement of the product or refund of the purchase price paid. UNDER NO CIRCUMSTANCES SHALL BECKER UNDERWOOD, INC. BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

LIMITATION OF LIABILITY

No one is authorized to change or supplement, either verbally or in writing, the statements contained on the label. Becker Underwood and the seller are not liable for personal injury or property damage or loss, including crop damage or lack of performance, due to circumstances beyond their control, like a product user's failure to comply with the directions. Buyer and user assume all risks for these events.

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SPECIMEN LABEL