

ACIDIFIER AND BUFFERING AGENT

General Information

GENERAL INFORMATION

CitripHase is an acidifying/buffering agent used to lower the pH of spray solutions and aid in the prevention of decomposition of alkaline sensitive pesticides due to hydrolyzation. CitripHase increases efficiency of pH sensitive agricultural chemicals by reducing the pH of aqueous systems. Many water sources have pH values between 7 and 9, or neutral to alkaline. There is some variability in these values even if they are within the same hydrologic region. Both surface and ground water pH values fluctuate over time and even seasonally. If you know that your mix water has a pH of 7.5 or greater, consider lowering the pH, especially if you are applying a pesticide that is sensitive to high pH. A pH of 4 to 7 is recommended for mixing most pesticides; a value of 5.5 to 6.5 is ideal. If your spray rig will be left to stand for several hours or overnight before the contents are applied, consider adding CitripHase to prevent alkaline hydrolysis.

Note: Because of the nature of this product and its ability to substantially reduce spray solution pH, it is recommended that this product not be used in low volume (high concentration) applications with fixed copper fungicides.

AGRICULTURAL USE REQUIREMENTS AND SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult pesticide manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

MIXING

Note: Add CitripHase to your tank BEFORE adding agrichemicals. Remember; you are treating the water in which you will be tank mixing.

- Fill tank 1/2 to 2/3 full of water.
- To prevent or minimize foaming, add an antifoaming agent such as FoamEater.
- Add the required amount of CitripHase to your tank and agitate.
- Add agrichemicals/fertilizers/micronutrients and continue agitation.
- Add surfactant and mix 1 to 2 minutes with lower than normal agitation.

- Continue filling tank with water maintaining minimal agitation.

Limitations, Restrictions, and Exceptions

DIRECTIONS FOR USE

For most applications use between 1 - 2 pints CitripHase per 100 gallons of spray solution. Due to variations in materials, waters and other conditions, the optimum use rate may vary. Periodic testing of the pH of your water will aid in adjusting to optimum use rates. Optimum pH range for spray applications is 5.5 - 6.5.

Method

[Spray](#)

Rates

[field_rates 0](#)

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Timings

[N/A](#)