

## Ingredients

Acidifiers .....	20%
Emulsifier .....	0.5%
Color indicator .....	1.0%
Inert Ingredients.....	78.5%
Total .....	100%

**BING** is a novel spray tank acidifier technology that is suitable for both ground and aerial applications.

## **BING** IMPROVES PESTICIDE PERFORMANCE

- Acidifies the spray solution to correct alkaline hydrolysis of pesticides and phosphate fertilizers; user should consult pesticide label to determine optimal pH range for application
- Reduces degradation and/or sequestering of pesticides and phosphate fertilizers due to high concentrations of bicarbonates
- Improves the coverage and deposition of pesticide sprays
- Indicates when the pH of the spray solution is within the optimal range of 4.5 to 5.5
- Operator can achieve a pH range of spray tank that is required.
- Fertilizer pH range requirements vary; for example, silica-based foliar fertilizers require a pH range of 6.5 to 7.0, which can easily be obtained using the BING color chart.



pH = 7.0



pH = 6.0



pH = 5.0



### CONTENTS:

- 1 gallon – packed as 4 x 1 gallon
- 5 gallon – packed as 2 x 2½ gallon

weight per gallon = 9.06 lbs.

**NUMERATOR**

TECHNOLOGIES, INC.

P.O. Box 868

SARASOTA, FLORIDA 34230

941.807.5333

WWW.NUMERATORTECH.COM

Most pesticides are affected by alkaline hydrolysis because they are diluted with spray tank water that has a high pH. Alkaline hydrolysis makes pesticides and/or fertilizers less effective. By lowering the pH of the spray tank water, **BING** ensures that pesticides and/or fertilizers are as effective as possible.

## HARD WATER

Hard water spray solutions contribute to the ineffectiveness of pesticides and fertilizers. **BING** corrects high pH/alkaline hydrolysis caused when pesticides and fertilizers are diluted with hard water.

## DIRECTIONS FOR USE

Mix **BING** into the spray tank before adding pesticides and/or fertilizers. Determine the desired pH from the Bar Graphs, and then add enough **BING** to achieve the correct pH color desired.

When the spray tank water turns red, the pH is between 4.5 and 5.5 (SEE indicator bar).

When the spray tank water is golden yellow, the pH is between 6.0 and 6.5 (SEE indicator bar).

When the spray tank water is a pale yellow, the pH is 7.0 (neutral) (SEE indicator bar).

The general rate range for **BING** is 4-8 oz. (120-240 ml.) per 100 gallons (400 liters) of water; this range will decrease the pH from 8.5 to 5.0.