



**Principal Functioning Agents:**

Citric Acid .....	20.0%
Garlic Extracts .....	6.60%
<b>Inert Ingredients: Water .....</b>	<b>73.40%</b>
<b>Total .....</b>	<b>100.00%</b>

All ingredients are exempt from tolerance requirements under 40 CFR 180.1001, and 180.1164. This product is FIFRA 25 (b) exempt.

**GENERAL INFORMATION**

**BioLink Buffer & Penetrant** is a natural acidifying agent use to lowering the pH of spray solutions and increasing the penetration of tank-mixed materials.

**BioLink Buffer and Penetrant** does not use corrosive mineral acids and is safe to use in spray equipment. It does not contain metals that may inactivate companion products. The use of **BioLink Buffer and Penetrant** reduces pesticide and fertilizer degradation caused by alkaline hydrolysis.

**PRECAUTIONARY STATEMENT**

**WARNING: Keep Out Of Reach of Children.** Liquid may cause eye injury. Avoid contact with skin, eyes or clothing. Wear eye protection and gloves. Wear long sleeved shirt, long pants, shoes plus socks. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

**Storage and Disposal:** Store out of direct sunlight and at temperatures above freezing (0°C). Rinse and offer empty container for recycling or reconditioning or dispose of in a sanitary landfill.

Manufactured By  
 **Westbridge**  
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**DIRECTIONS FOR USE**

**BioLink Buffer and Penetrant** can be applied to all crops including fruit trees, vines, tree nuts, fruits and vegetables, field and row crops, ornamental trees, shrubs and flowers, containerized plants, and turf.

Read and follow the precautions, restrictions and use recommendations of product labels used with **BioLink Buffer and Penetrant**.

**Recommended Use Rate:** Use **BioLink Buffer and Penetrant** at a rate of 1 to 3 teaspoons (5 to 15 mL) per gallon of water **OR** 1 to 3 pints per 100 gallons of finished spray solution depending upon desired final pH.

Specific use rates will vary due to variability in water quality (pH, alkalinity, hardness, etc.). In general, well water requires more acidifier due to the naturally occurring mineral content. Whereas, surface water requires less acidifier. For precise pH adjustments, test spray solution with a pH meter or indicator strips.

**Foliar Application:** ½ to 1 ½ quarts per 100 gallons of water  
**Nursery & Container:** ½ to 1 ½ ounces per gallon of water  
**Home & Garden:** ½ to 1 ½ ounces per gallon of water

**Mixing Instructions:**

1. A standard jar compatibility test is recommended before using any new mixes.
2. Shake well before using.
3. Fill spray apparatus ½ full of water.
4. Add products in the following sequence:
  - (1) BioLink Buffer and Penetrant
  - (2) Dry flowables or water dispersing granules
  - (3) Wettable powders
  - (4) Flowables
  - (5) Liquid solutions
  - (6) Emulsifiable concentrates
  - (7) Surfactants.
5. Fill spray apparatus to desired level with water.
6. Shake or agitate vigorously. If spray solution has been allowed to stand, thoroughly agitate and remix before application. Apply spray solution within 12 hours of mixing.

**NOTE:** Perform a phytotoxicity test on a small plot before large-scale application. To lower the risk of phytotoxicity, applications should be made early morning or late evening.

**NOTICE OF WARRANTY** - Westbridge warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Westbridge. In no case shall Westbridge be liable for consequential, special or indirect damages resulting from the use or handling of this product. Westbridge makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

**Net Contents:**

- 1 Quart (0.95 L) / 2.2 Lbs (1.0 Kg)
- 1 Gallon (3.79 L) / 8.8 Lbs (4.0 KG)
- 2.5 Gals. (9.46 L) / 22.0 LBS (10.0 KG) 22.0 LBS (10.0 KG)

