



## DIRECTIONS FOR USE

Always 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.

### Principal Functioning Agents:

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

All ingredients are exempt from tolerance requirements under 40 CFR 180.

## KEEP OUT OF REACH OF CHILDREN WARNING

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Signal Word:** WARNING

**Hazard Statement:** Causes serious eye irritation.



**Precautionary Statement:** Wear protective eye wear such as goggles or face shield. Wear waterproof gloves. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### FIRST AID

**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. Call a poison control center or doctor for treatment.

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

### 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 degradation caused by alkaline hydrolysis.

**BioLink® Buffer & Penetrant** is not designed for aquatic use.

Manufactured By  
**Westbridge**

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BioLink is a registered trade mark of Westbridge Agricultural Products.

### STORAGE AND DISPOSAL

#### DO NOT CONTAMINATE WATER, FOOD OR FEED

**STORAGE:** Store in original container. Store in cool, dry area above freezing temperatures. **PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal.

**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:

- 2.5 Gallons (9.5 L) / 22.7 Lbs (10.3 Kg)
- 30 Gallons (113.4 L) / 272.4 Lbs (123.6 Kg)
- 55 Gallons (208 L) / 499.4 Lbs (226.7 Kg)

