

# NEW BALANCE™

## pH Acidifier/Nonionic Surfactant



### PRINCIPAL FUNCTIONING AGENTS

Alkyl polyethoxy ether .....	20%
2-hydroxy-1, 2,3-propane-tricarboxylic acid.....	19%
Dimethylpolysiloxane antifoam .....	1%
Formulating aids and inert ingredients .....	60%
TOTAL.....	100%

All ingredients are approved for use under 40 CFR 180

### KEEP OUT OF REACH OF CHILDREN WARNING



### PRECAUTIONARY STATEMENTS

Causes skin irritation and serious eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators and other handlers of this product should wear splash-proof chemical safety goggles, chemically-impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin exposure.

### FIRST AID

**If Swallowed:** Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. Treat symptomatically. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

**If Inhaled:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

### GENERAL INFORMATION

NEW BALANCE is a safe-to-use, citric-based pH acidifier and nonionic surfactant specifically designed to modify spray solution pH when breakdown from alkaline hydrolysis can reduce insecticide and fungicide performance. Many pesticides lose their effectiveness when mixed with alkaline water. A chemical reaction, known as alkaline hydrolysis, splits the pesticide molecule and converts it into an inactive form. The rate of decomposition is determined by the chemical construction of the pesticide and the level of alkalinity of the spray water. NEW BALANCE lowers the pH of the spray water to prevent alkaline hydrolysis from occurring. For most pesticides, the desirable pH is in the range of 4.0–6.5. NEW BALANCE also increases the wetting and spreading properties of a spray solution, improving coverage and control of the pesticide.

### DIRECTIONS FOR USE

The addition of adjuvants to some pesticides and or fertilizers and their tank mixes may cause phytotoxicity to the foliage and/or fruit of desirable crops. Before using NEW BALANCE, the

applicator or crops advisor must have experience with the pesticide combination, including NEW BALANCE, or must have conducted a phytotoxicity test. Check the pesticide label to determine the desired pH level. Always follow label directions. Check the pH of the spray water with a pH meter or pH paper.

FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, AQUATICS, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, RIGHTS-OF-WAY, AND OTHER APPROPRIATE USES.

### USE RATES

The chart below indicates the pH reduction capabilities of NEW BALANCE.

Solution pH Before	Ounces of New Balance/ 100 Gals. of Spray Solution	% Volume	Solution pH After
8.0	0	0.000	8.0
8.0	8	0.063	5.7
8.0	16	0.125	4.5
8.0	24	0.187	4.0
8.0	32	0.250	3.6
8.0	40	0.313	3.4

### MIXING INSTRUCTIONS

In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed.
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants.
3. Dry soluble and suspension fertilizers / micronutrients.
4. Liquid drift retardants and flowable formulations (F & FL).
5. Liquid concentrates, suspension and microencapsulated (LC, SC, ME).
6. Emulsifiable concentrates (E, EL or EC).
7. Solutions and soluble liquids (S or SL).
8. Liquid micronutrients and fertilizers.
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS).
10. Finish filling to desired spray volume level and continue agitation.

### STORAGE AND DISPOSAL

**This product does not require heated storage.** Keep containers sealed when not in use. Store in original container only. Do not reuse empty container. Rinse container thoroughly prior to disposal. Dispose of rinsate and container in accordance with local, state and federal regulations.

### CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

**NET CONTENTS: 1 U.S. GALLON (3.78 L)**