

**DIAMOND**

# BALANCE pH™

SURFACTANT • PENETRANT • ACIDIFIER • DRIFT CONTROL

**PRINCIPAL FUNCTIONING AGENTS**

Phosphatidylcholine, Methylacetic acid and Alkyl Polyoxyethylene Ether.....	80%
INERT INGREDIENTS .....	20%
<b>TOTAL</b> .....	<b>100%</b>

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



## KEEP OUT OF REACH OF CHILDREN DANGER

Combustible liquid. May be harmful if swallowed. May be harmful in contact with skin. Causes serious eye damage. Read label before use. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed. Keep only in original container. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use foam, dry chemical, CO<sub>2</sub>, water spray to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents in container to an approved waste disposal facility in accordance with all local /regional/national/international regulations. SLIPPERY HAZARD WHEN WET.

**FIRST AID**

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center, doctor, or going for treatment.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. If eye irritation persists: Get medical advice or attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

**BALANCE pH** is a non-ionic, low foaming penetrant/surfactant, which may be used to enhance the activity and effectiveness of many pesticides. When used according to label directions it will provide more uniform coverage of spray solutions and aid in penetration.

**BALANCE pH** may be used to acidify (reduce pH) of some spray solutions, thus preventing degradation of pesticides sensitive to alkaline hydrolysis. By producing a more uniform spray pattern and improving deposition this product will also act as a drift control agent.

**BALANCE pH** will retard but not eliminate drift. The degree of drift hazard varies with the type of pesticide and application conditions. Read and follow all label directions when applying pesticides.

**BALANCE pH** is compatible with most pesticide formulations including emulsifiable concentrates, water soluble packs, flowables and wettable powders. Applications may be made by ground or air.

**MADE IN AMERICA****Net Contents: 1 U.S. Quart (0.95 L)**

Winter Garden, Fort Pierce, Okeechobee,  
LaBelle, East Palatka, Homestead, Plant City, Florida

**DIRECTIONS FOR USE**

**BALANCE pH** may be used on a wide variety of crops including fruits, vegetable row crops, citrus, small grains, forage crops, vine crops, or on non-croplands; such as aquatic environments (wetlands), forestry areas (site preparation and release), industrial sites (storage areas, plant sites, and other similar areas including governmental and private lands), grasslands (including pastures, rangelands and fence rows), rights-of-ways (utility, railroad and roadsides), turf (golf courses, parks and sod farms), and ornamentals (co-tainer, field or greenhouse). Some pesticides have stated adjuvant use rates. In all cases, the specific pesticide manufacturer's label should be consulted regarding adjuvant use recommendations. Do not add adjuvant to a level that would exceed 5% of the finished spray volume unless otherwise specified by the pesticide label.

**ACIDIFYING AGENT**

**Starting water pH:** > pH 8.0 8 - 16 ounces / 100 gallons (approximately 1 - 2 ounces per 10 gallons or 1 - 2 teaspoons per gallon or 0.25 - 0.5 liter per 400 liters) of spray solution.

pH 6.5 - 8.0 4 - 8 ounces / 100 gallons (approximately 1/2 - 1 ounce per 10 gallons or 1/2 - 1 teaspoons per gallon or 0.125 - 0.5 liters per 400 liters) of spray solution.

**NOTE:** *BALANCE pH is an acidifier and may be physically or chemically incompatible with alkaline/basic spray ingredients. It is recommended that a "jar test" be performed prior to the actual application.*

**GENERAL USE**

**Non-Crop Sites:** 1 to 8 pints per 100 gallon approximately 1 - 8 teaspoons per gallon or 1 - 8 ounces per 5 gallons or 0.5 - 4 liters per 400 liters of spray mixture.

**Herbicides (aquatic & terrestrial), Defoliants, Desiccants:** 1 to 4 pints per 100 gallon (approximately 1 - 4 teaspoons per gallon or 0.5 - 2 liters per 400 liters of spray mixture when used as a surfactant/penetrant. 12 ounces to 2 pints (approximately 1 to 2 ounces per 1000 square feet or 1 - 2.5 liters per hectare) per acre when used in place of crop oil concentrates.

**Insecticides, Fungicides, Acaracides, Plant Growth Regulators:** 1/2 to 2 pints per 100 gallon (approximately 1/2 to 2 teaspoons per gallon or 1 - 4 ounces per 5 gallons or 0.25 - 1 liter per 400 liters) of spray mixture.

**Turf and Ornamental:** 1 to 4 pints per 100 gallon (approximately 1 - 4 teaspoons per gallon or 1 - 4 ounces per 5 gallons or 0.5 - 2 liters per 400 liters) of spray mixture. This product demonstrates good plant safety; not all species of ornamentals have been tested. Prior to treating a large area, test on a small area and observe before full-scale application.

**Drift Control Agent:** 1 to 2 qts. per 100 gal. (approximately 2 - 4 teaspoons per gallon or 1 - 2 liters per 400 liters) of spray mixture.

**STORAGE**

**Storage:** Wear protective gloves/protective clothing/eye protection/face protection. Store in a cool well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**DISPOSAL**

Do not contaminate water, food or feed by improper storage or disposal.  
*NOTE: Do not allow this product to contaminate water or soil by cleaning of equipment or disposal of wastes. The wastes resulting from the use of this product as an adjuvant in a spray mixture containing pesticides should be disposed of by use according to the label instructions and applied to the target area.*

When in doubt about what to do with excess spray mixtures containing pesticides consult your local Cooperative Extension Agent or Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Improper disposal of excess spray mixes is a violation of federal law.

**CONTAINERS:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org).

**CONDITIONS OF SALE:** Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

Manufactured for Diamond R Fertilizer Co  
PO Box 12489, Fort Pierce, FL 34979, 772-464-9300

**28 oz.****26 oz.****24 oz.****22 oz.****20 oz.****18 oz.****16 oz.****14 oz.****12 oz.****10 oz.****8 oz.****6 oz.****4 oz.**