

WATER CONDITIONER - IN SPRAY WATER THAT HAS LESS THAN 300 PPM HARDNESS

General Information

GENERAL INFORMATION

LEVEL 7 is a multicomponent adjuvant system designed to enhance the efficacy of many pesticides applied by ground or air for terrestrial and aquatic uses. As a water conditioner, LEVEL 7 will tie-up with free ions in spray tank solutions that can inhibit many pesticide's performance. LEVEL 7 also acts as an acidifying buffering agent that will lower the pH of the spray solution preventing hydrolysis of many pesticides, especially fungicides and insecticides.

While protecting the spray solution, LEVEL 7 also promotes spreading for improved plant coverage and penetration to move more active ingredient into the plant.

Approved for Aquatic Use with Pesticides Labeled for Aquatic Use.

NOTE: LEVEL 7 is an acidifier and may be physically or chemically incompatible with alkaline spray materials.

Tank mixes of fertilizers and pesticides may result in reduced effectiveness of the pesticide due to the tendency of the pesticide to hydrolyze in alkaline solutions. This type of decomposition normally occurs quite quickly when the pH of the solution is above 7. The adjustment of the pH of the spray solution to an acidic media will reduce this decomposition. Even those pesticides which hydrolyze slowly will benefit from the use of this product.

The rate needed depends on the alkalinity of the solution. If you don't know the starting pH of the solution, use an indicator such as litmus paper or a pH meter to determine the alkalinity of the solution.

Do not exceed 5% of the finished spray volume unless otherwise specified by the pesticide label.

Three quarts of LEVEL 7 contain the equivalent of 1.5 pounds of ammonium sulfate.

Under stressful environmental conditions, such as hot and dry weather or if greater populations of hard to control weeds are evident, the higher rates of LEVEL 7 should be used or Alliance should be substituted.

NOTE: When applying aurally, follow pesticide label directions including minimum water volume per acre. Do not substitute LEVEL 7 for water required by the pesticide label.

NOTE: This product has demonstrated excellent plant safety; however, not all species of ornamentals have been tested. Before treating a large area, test on a small area and observe prior to full-scale application.

Limitations, Restrictions, and Exceptions

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It is strongly suggested that the adjuvant, ALLIANCE, be used in spray solutions containing hard water

which is 500 ppm or greater.

Method

[Spray](#)

Timings

[N.A.](#)