



## LESCO CONFORM SPRAY SOLUTION ADJUVANT

SPECIALTY | 400515 | 1 GAL  
113934 | 30 GAL

### PRODUCT OVERVIEW

LESCO® Conform optimizes the performance of pesticide spray solutions by adjusting the pH to reduce the effects of alkaline hydrolysis, a chemical process that reduces the efficacy of the active ingredients. Conform contains a pH modifying agent and a nonionic surface active component to complement the buffering activity of the spray solution adjuvant.

### FEATURES AND BENEFITS

- Does Not Antagonize Glyphosate and Helps to Prevent Alkaline Hydrolysis
- Does Not Contain Ammonium Sulfate (AMS)
- Blends Quickly for Reduced Mixing and Loading Times

### APPLICATION RATES

Amount of Conform to add to spray solution to achieve a pH level of 5.0-6.0:

Starting pH	Conform to add to 100 gal.
Greater than 8	16 oz.
7 to 8	8 oz.
6 to 7	4 oz.

### DIRECTIONS FOR USE

Always refer to the manufacturer's product label in order to determine the proper mixing procedures and spray application methods, including the desired pH of the spray solution.

Inspect the tank and all equipment to ensure the sprayer is thoroughly clean and free of chemical residues that may negatively influence the performance of the spray solution.

Determine the desired pH level for the spray solution from the manufacturer's label. Fill the tank 1/2 to 2/3 full of clean water. With the agitator running, add Conform to the tank before other adjuvants to buffer the solution to the desired pH, using a pH meter to check.

### Water pH influences the effectiveness of many common pesticides.<sup>1</sup>

Pesticide		Half-life at different pH levels							
Trade Name	Active Ingredient	pH 3.0	pH 4.0	pH 5.0	pH 6.0	pH 7.0	pH 8.0	pH 9.0	pH 10
LESCO Fate	Acephate	65 days						16 days	
Sevin	Carbaryl				125 days	27 days	2-3 days	1-3 days	
Manicure	Chlorothalonil			Stable below pH 7			38 days		
Dursban	Chlorpyrifos			60 days		35 days	22 days		7 days
Cygon	Dimethoate				12 hours			1 hour	
Dylox	Trichlorfon				4 days	6 hours	1 hour		
Various	2,4-D			Stable at 4.5-7					
Fusilade	Fluazifop-P-butyl		455 days			147 days		17 days	
Sim-Trol	Simazine		20 days	96 days				24 days	
Treflan	Trifluralin		Very stable over a wide pH range						

<sup>1</sup>Derived from Deer, H.M. and R. Beard. Effect of water pH on the chemical stability of pesticides. Utah State University Cooperative Extension Fact Sheet; Hamilton, G.C. pH effects on pesticide stability and efficacy. Rutgers Cooperative Extension Fact Sheet; McKie, P. and W.S. Johnson. Water pH and its effect on pesticide stability. University of Nevada Cooperative Extension Fact Sheet.

THE LABEL IS THE LAW. It is a violation of Federal Law to apply product in a manner inconsistent with its labeling. Please read and follow all directions on the product label before using this product.



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