

# **HERBICIDES, DEFOLIANTS, DESICCANTS**

## General Information

### GENERAL INFORMATION

AD-BUFF is a nonionic low foam surfactant, which may be used with herbicides, insecticides, fungicides, acaricides, defoliants, desiccants, plant growth regulators, and foliar nutrients to enhance their effectiveness in the plant. Ground or air applications are applicable.

AD-BUFF may be used as an acidifying agent to prevent alkaline hydrolysis. Alkaline sensitive pesticides may be susceptible to pesticide degradation via alkaline hydrolysis or high pH conditions.

AD-BUFF also adds surfactant qualities by reducing surface tension which assists in better wetting and spreading, enhancing penetration of the pesticide spray solution into the plant.

AD-BUFF produces a uniquely uniform droplet spectrum, resulting in greater deposition and even coverage on targeted plant surface. AD-BUFF also add drift control properties by reducing driftable fines while improving deposition in pesticide spraying. The decrease in fine droplets can vary with the types of pesticide formulations and application conditions. Good judgement and sound application technology must always be followed when spraying pesticides.

### GENERAL USE

NOTE: AD-BUFF is an acidifier and may be physically or chemically incompatible with alkaline/basic spray ingredients.

- Acidifying Agent

> pH 8.0

8 - 16 ounces per 100 gallons of spray solution.

- Acidifying Agent

pH 6.5 - 8.0

4 - 8 ounces per 100 gallons of spray solution.

Limitations, Restrictions, and Exceptions

Herbicides, Defoliant, Desiccants: 1 to 4 pints per 100 gallons of spray mixture when used as a surfactant/penetrant.

Method

[Spray](#)

Rates

[field\\_rates 0](#)

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Timings

[N. A.](#)