



## NON-IONIC ORGANOSILICONE SURFACTANT



### CONTENT

AM-AG® BREAKER™ is a superior nonionic wetting agent designed for water based herbicide application in agriculture, basal bark, horticulture, industrial, turf and forestry operations. It is designed for fast spreading, uniform distribution and absorption of spray on leaf and stem surfaces.

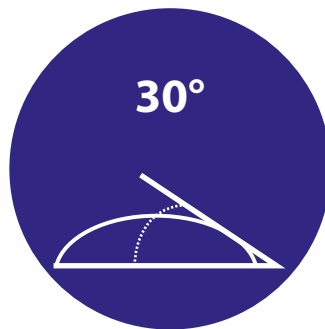
BREAKER™ may be used with most pesticides and fertilizer products. Optimum application and consequent effects can be influenced by many factors. It is recommended that the spray be observed and adjuvant rates be adjusted accordingly. During application insure thorough coverage without excessive runoff.

### PHYSICAL CHARACTERISTICS

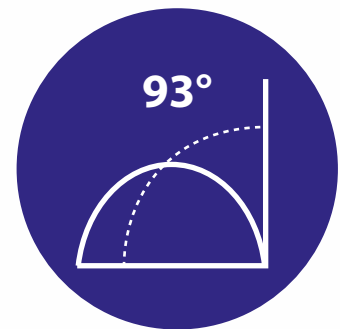
Alkylphenol ethoxylate, polyether modified polysiloxane, propylene glycol .....	100 %
Color/Appearance.....	White/slightly blue

### ADVANTAGES

- Organosilicone surfactant that contains extensive spreading and wetting of the plant and soil surface.
- Breaker has extremely good penetration capabilities.
- Very good contact angle for optimized contact.
- Easy to use with many different type of application conditions and situations.



WATER & BREAKER™



WATER





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## USE RATES

**AM-AG BREAKER™** is a nonionic organosilicone wetting agent designed for use in certain agricultural and horticultural uses where a nonionic surfactant is recommended. Suggested rates for the use with various categories of chemicals are as follows:

Ounces of **BREAKER™** to add Chemical Group per 100 gal. of spray mixture

- Insecticides, Miticides & Fungicides	6 - 32 FL. OZ.
- Herbicides	12 - 64 FL. OZ.
- Glyphosate Formulations Without Added Surfactants	12 - 64 FL. OZ.
- Defoliant & Desiccants	12 - 64 FL. OZ.
- Fertilizers & Micronutrients	4 - 32 FL. OZ.

**NOTE:** Carefully read and follow the specific directions contained on the label of the chemical used. Before adding **BREAKER™** to spray tank mixes or before using with a pesticide or fertilizer where a nonionic adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial of their own. For local recommendations, consult a competent agricultural authority.

**BASAL BARK TREATMENT:** **BREAKER™** is specially designed to aid penetration of fertilizers, nutrients, insecticides, fungicides, and herbicides through the bark.

Use 1 1/2 % to 2 1/2% **BREAKER™** by volume of spray solution. Consult pesticide label for specific use rates and application method, or contact your am-ag representative.

• **AERIAL APPLICATION:** When applying aurally, follow pesticide label directions including minimum water volume per acre. Do not substitute **BREAKER™** for water required by the pesticide label.

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• **IRRIGATION INJECTION:** Applications of **BREAKER™** through irrigation injection systems are possible provided the recommended use rates and dilutions are maintained and local, state and federal guidelines are followed.

• **WATER PENETRATION OF HARD-TO-WET SOILS:** For most efficient water penetration of hard-to-wet soils and the even distribution of applied moisture, use 1 pint per 100 gallons of water as a spot or area treatment.

**BREAKER™** is also recommended for use with non-selective herbicides and other pesticides including those used to desiccate or defoliate.

### Crops:

**Sorghum · Corn · Soy · Cotton · Vegetables · Citrus**

**· Walnut · Fruits · Cereals**

*For more information on mor specific doses consult your local dealer.*

### SAFETY

It can cause skin irritation and eye damage if the necessary precautions are not taken into account. See Material Safety Data Sheet MSDS for further explanation.



## CAUTION