



# Formula 1



A Low Use Rate Liquid Adjuvant for Drift Reduction, Humectancy & Water Conditioning

**Adjuvant**

### PRINCIPAL FUNCTIONING AGENTS

Ammonium sulfate, glycerol, ammonium sodium phosphate, ammonium sodium citrate, polyacrylamide copolymer.....	35%
Constituents Ineffective as Spray Adjuvants.....	65%
Total.....	100%

Components exempt from tolerance under 40CFR 180

### GENERAL INFORMATION

**Formula 1** is a low use rate liquid formulation that increases glyphosate activity, optimizes the spray pattern and conditions hard water.

When used at labeled rates:

- **Formula 1** automatically optimizes the angle of the spray pattern as the spray exits the nozzle
- **Formula 1** provides maximum delivery of spray droplets to target surfaces
- **Formula 1** minimizes "pattern fringe" which contains the smallest diameter spray particles
- **Formula 1** is proven in field tests to increase glyphosate activity
- **Formula 1** contains a high efficiency ammonium sulfate complex for water conditioning
- **Formula 1** contains humectants which improve leaf uptake, retention, and translocation
- **Formula 1** is safe to use on Roundup® Ready varieties
- **Formula 1** is compatible with all glyphosate formulations

### DIRECTIONS FOR USE

**Formula 1** is intended for use with products registered for agricultural, horticultural, turf, ornamental and non-crop uses. **Formula 1** should be added to the spray solution prior to the addition of any pesticides.

**Use Rate** - Periodic calibration of spray equipment and visual inspection of the spray application may necessitate an adjustment of the adjuvant rate. Use the following information as a guide to application rates:

Nozzle Type	AI Teejet Air Induction	XR Teejet Extended Range	Teejet Flat Fan	Turbo Teejet Wide Angle
Pressure	40 lb	20 lb	30 lb	20 lb
Rate / 100 Gal	1 qt	2 qt	3 qt	2 qt
Pressure	60 lb	30 lb	40 lb	30 lb
Rate / 100 Gal	1.5 qt	2.5 qt	3 qt	2.5 qt
Pressure	70 lb	40 lb	50 lb	40 lb
Rate / 100 Gal	2 qt	2.5 qt	4 qt	3 qt
Pressure	80 lb	50 lb	60 lb	50 lb
Rate / 100 Gal	2.5 qt	3 qt	4 qt	3 qt
Pressure	90 lb	60 lb	60 lb	60 lb
Rate / 100 Gal	3 qt	3 qt	3 qt	3 qt

**Note:** No product will provide 100% control of harmful spray drift. The effects of **Formula 1** or of the spray application may be changed by various environmental factors and the condition and operation of the spray equipment. Use strainer screens no larger than 50 mesh. When used according to the Directions for Use, **Formula 1** is compatible with most pesticides and fertilizers. Additional ammonium sulfate can be added if desired or required by the herbicide label.

**Special Warning:** Exercise special care when applying glyphosate near conventional or non-Roundup® Ready crops, unexpected wind gusts can move spray onto susceptible plants resulting in severe crop damage.

### STORAGE AND DISPOSAL

**Storage:** If stored below freezing, shake well before use or recirculate. Keep containers tightly closed. Store in original container. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

**Disposal:** Triple rinse container and pour rinsate into spray tank. Offer triple-rinsed container for recycling, or puncture and dispose according to local and state regulations. **DO NOT REUSE EMPTY CONTAINER.**

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling. Read and follow all precautionary statements on the accompanying pesticide label(s).

**IMPORTANT:** Read and follow all pesticide label directions. Do not use where the pesticide label specifically prohibits the use of an adjuvant. If the pesticide label neither recommends nor prohibits an adjuvant, the applicator must have previous experience with the adjuvant/pesticide spray mixture or should apply a small test area before making large scale applications, care should be exercised when using on new varieties or crops not previously treated with **Formula 1**. Make sure application equipment has been properly cleaned according to producers label directions.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**- STOP -**

**READ ENTIRE LABEL BEFORE USING**

### FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

### CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product are based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of manufacturer or the Seller. All such risks shall be assumed by the Buyer. THE MANUFACTURER OR SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OF ANY OTHER EXPRESSED OR IMPLIED WARRANTY. IN NO CASE SHALL THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The manufacturer and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of the manufacturer.

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