

# DC-4

## Deposition Aid, Drift Reduction Agent

NET CONTENTS : 2.5 GALLONS (9.46L)

**CAUTION**

KEEP OUT OF REACH OF CHILDREN



MANUFACTURED FOR : CNI · 800 BUSINESS PARK DRIVE, LEESBURG, GA 31763  
229-883-7050 · CNIAG.COM

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## Deposition Aid, Drift Reduction Agent

### PRINCIPAL FUNCTIONING AGENTS

Proprietary combination of oils and emulsifiers.....	99%
Constituents ineffective as a spray adjuvant.....	1%
<b>TOTAL</b> .....	<b>100%</b>

All ingredients are exempt from tolerance under 40 CFR 180.

### PRECAUTIONARY STATEMENTS

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors, or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Personal Protective Equipment :** Wear chemical-resistant eye-wear and gloves, long-sleeve shirt and pants, and shoes and socks.

### FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**IF SWALLOWED :** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

**IF ON SKIN OR CLOTHING :** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**IF INHALED :** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**IF IN EYES :** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

### GENERAL INFORMATION

**DC-4** is a drift reduction technology (DRT) formulated to significantly improve the deposition of crop protection products by maximizing the number of spray droplets within the ideal size range for drift reduction and canopy penetration.

The degree of drift hazard varies with the type of active ingredients in the tank mix, environmental conditions on the day of application and the topography near the treated area. **DC-4** is a management tool that will improve deposition and help to reduce drift of the active ingredient in the spray solution away from the target surface.

Wind tunnel testing has shown that when CP™ TTT type nozzles are used with **DC-4** in aerial spraying, a more uniform droplet size range is generated that will enhance the delivery of the active ingredient throughout the layers of the canopy.

**DC-4** does not produce large spray droplets like polymer drift products. Internal cohesion of the formulation components helps to deter droplet shearing into fines which move off-target into sensitive areas.

### DIRECTIONS FOR USE

Follow the directions on the most restrictive active ingredient label of the tank mix.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

May be used in aquatic applications. Refer to the active ingredient label for further information.

Use only if a deposition aid and drift reduction agent are allowed or not excluded on the label

**DC-4** may be applied through direct injection systems when pumped with proper amount of water. Do not pre-mix with emulsifiable concentrates or aqueous solutions.

### TECH MATRIX

Surface tension	~34 dynes per cm @ 0.3125%
Specific gravity	~0.88 g/ml
pH	~6.2 @ 2% with 342 ppm H <sub>2</sub> O
% Non-volatile	~99.7%
Glyphosate	✓
2,4-D, dicamba	✓
Sulfonylurea	✓

### ORDER OF ADDITION

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. **DC-4** or other adjuvants

Prior to mixing, you should fill your spray tank with half of the carrier that you intend to use. Then start the sprayer and check to make sure that all valves and gauges work and that you have proper tank agitation.

### APPLICATION RATES

Aerial and Ground Spraying	Suggested Rates Per Acre
2-10 GPA .....	4 ounces per acre
15-30 GPA .....	6-12 ounces per acre
30-50 GPA .....	12-20 ounces per acre
50 + GPA .....	20-32 ounces per acre

**Aquatic:** 4-6 ounces. (Do not exceed 6 ounces)

**Orchard Blast and High Volume Applications:** 40 ounces per 100 gallons solution

Do not exceed 1% v/v. Droplet spectrum is based on wind tunnel testing using a CP™ TTT type nozzle at the listed rates.

### STORAGE AND DISPOSAL INFORMATION

**STORAGE :** Store in a cool, dry place. Store in original container only. Do not add anything to the container. Keep container tightly sealed when not in use. Do not store near fire, flame or other potential sources of ignition. Do not contaminate water, food or feed by storage or disposal of this product. For optimal storage, store between 40° and 90° F.

**DISPOSAL :** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal if allowed by law. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**NOTICE TO USERS:** SELLER WARRANTS THE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE STATED ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE, BUT NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER ABNORMAL CONDITIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE TO SELLER, AND BUYER ASSUMES THE RISK OF ANY SUCH USE.



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