

# Superior drift control for about 30¢ per acre

## Airex-DC™



### For both aerial and ground spray applications

Airex DC™ is a liquid copolymer with ammonium sulfate proven to be highly effective in controlling spray drift. It can be successfully used for control of spray drift in aerial or ground spray applications of water-emulsifiable pesticides, herbicides and plant growth regulators (PGR). Airex DC™ allows the application of chemicals to be uniform without particle or vapor drift by increasing both the weight and size of the droplet, which reduces off target movement. Acting as an adjuvant, it also enhances the performance of applied chemicals and reduces evaporation and wash off.

#### HOW Airex DC™ WORKS

- Airex DC™ reduces spray drift by materially reducing the spray fines normally generated by nozzle and wind shear.
- The use of Airex DC™ with other chemicals allows for spraying in moderately windy conditions without effecting the efficiency of the applied chemicals.
- As an adjuvant Airex DC™ reduces the overall surface tension and enables applied products to be absorbed and spread more evenly.
- The ammonium sulfate, as a nitrogen source enhances the efficacy of applied chemicals and allows those chemicals to be absorbed more rapidly.
- By irrigating immediately after an application, Airex DC™ becomes a penetrant that enhances the uptake of selective and non-selective components through the cuticle layer of the target species, and penetrates compacted surface layers of the soil in target root zones.

#### Problems associated with drift

The movement of crop protection materials away from their intended target poses several problems. Besides the economic damage to nearby susceptible crops, possible problems include less effective product control, airborne contamination of streams and lakes, and the social and financial costs resulting from accidental damage that drift can cause to neighboring ornamental or commercial plants.

Drift can be classified broadly into two categories: vapor drift and particle drift. The more common problem is particle drift, which occurs when small droplets are blown off-target by the prevailing wind. Damage to non target susceptible vegetation from vapor drift is a less common problem, but can have devastating effects on areas remote from the application site.

Particle drift is the most recognized type of drift. Although drift cannot be eliminated entirely, particle drift can be reduced to very low levels through proper nozzle selection, equipment operation and the use of **Airex DC™**. The encapsulation of water molecules by the polymeric formula of **Airex DC™** increases both the relative droplet size (VMD) and weight resulting in increased accuracy to the targeted

**Application Rates:** ¼ to 2 fluid ounces of Airex DC™ per gallon of spray mixture.

**Active Ingredients:** Liquid sodium acrylate / acrylamide copolymer - 1% by volume, humectants: 15%, ammonium sulfate - 2% **Inert Ingredients:** 82%

**Precautionary Statements:** Non hazardous to humans, animals or fish. No known environmental hazards. No protective clothing is required. However, gloves and eye protection are recommended when handling or spraying.

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**Guarantee:** Money back guarantee if Airex DC™ fails to perform as stated. This guarantee is valid only if you have used Airex DC™ according to our specific recommendations and guidelines.

