

# Drift Remover

## Spray Drift Control Additive

### What Is Spray Drift?

**Drift Remover** is a polymeric material designed to decrease the number of small droplets in the spray. It has a unique visco-elastic effect which increases viscosity. This has the effect of helping to reduce spray drift.

Spray Drift is spray material that misses the target during application or moves off the target after application.

2 main types of spray drift

- Droplet – Movement of liquid spray droplets through the air during spraying.
- Vapour – Movement of spray material as a gas or vapor during or after application

### The Importance Of Minimizing Spray Drift

Drift is a restricting factor which reduces the efficiency of pesticide treatments, therefore it cost money through inefficient and off target application. It also increase the impact of chemicals on the environment and can adversely effect non target plants and beneficial biological controls.

Drift can pollute adjacent water courses, groundwater, landscapes and woodland. Drift can bring the applicator and members of the public into increased contact with potentially harmful or unpleasant chemicals.

**“Users of pesticides must ensure that all reasonable precautions are taken to prevent spray drift.”**

*Code of Practice for the Safe Use of Pesticides on Farms and Holdings.*



### Features and Benefits of Drift Remover

- **Actively reduces spray drift.**
- **Increases amount of spray solution reaching the intended target area.**
- **Reduces effects of wind on spray targeting**
- **Helps to prevent damage to adjacent crops.**
- **Reduces the risk of contamination of water courses.**
- **Improves applicator safety.**
- **Complies with current best practices for pesticide spraying.**

### What Causes Spray Drift?

A combination of factors including:

- Wind velocity
- Local atmospheric conditions
- Nozzle choice
- Sprayer pressure
- Vehicle speed
- Boom height
- Poor equipment maintenance
- Incorrect equipment setting
- Chemical factors



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**Spray drift control agent for reducing spray drift when spraying**

## Application Guidelines

**Drift Remover** should be thoroughly mixed with water before addition of the pesticide to the spray tank. Use **Drift Remover** at the rate of 0.5% by volume of spray solution.

These rates are for use with flat fan nozzles. For use with cone nozzles, half the above rates of **Drift Remover** should be used. DO NOT USE MORE Drift Remover than recommended as this can adversely affect the spray pattern. Most current agrochemicals are compatible with **Drift Remover**.

**Net Contents: 16 oz**



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When pesticides are applied through a conventional hydraulic spraying system part of the spray is composed of tiny aerosol droplets which are especially prone to drift. Drift Remover is a polymeric material designed to decrease the number of small droplets in the spray by a unique visco-elastic effect. The reason that this product works is due to the fact that the polymer produces a visco-elastic effect on the solution in the sprayer tank. When a product is sprayed, a pressure drop normally occurs which produces energy, which fractures the liquid into a variety of different sized droplets, including very small droplets. The inclusion of the polymer takes up some of this energy or shock by the visco-elastic effect. This means that the liquid is fractured into droplets more smoothly and thus the droplet size is more uniform. There is another effect which runs alongside this-the polymer also reduces the turbulent frictional drag of the solution against the sprayer and nozzles which again produces less shock of the sprayed solution resulting in a more uniform droplet size. Thus reducing spray drift and improving the quantity of spray reaching its target. Independent tests have shown that losses due to drift may be as much as 20%, which can result in a considerable reduction in the effectiveness of a spray programme.

### General Information

Drift Remover does not replace the need for additional wetter where specified by the pesticide manufacturer. Avoid extremes of temperature and humidity for storage. Shelf life is a minimum of 2 years. Dispose of residues or contaminated packaging material sensibly.

***Warranty:*** *Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use; but neither this product nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller and the buyer assumes the risk of any such risk.*