MIST-CONTROL

DRIFT RETARDENT AND DEPOSITION AID FOR AGRICULTURAL REMEDIES

ACTIVE INGREDIENT

Polyvinyl polymer………………………………………………………..20g/L

Reg. No. L4567 Act 36/1947

WARNINGS

- Keep out of reach of children.
- May cause irritation to skin and eyes.
- Store away from food and feedstuffs.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Keep container closed in storage and do not allow water to come into contact with contents until added to spray solution.
- In case of contact with skin or eyes, flush immediately with water.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not re-use the container for any other purpose.
- Follow the precautions on the label of the remedy with which Mist-Control is mixed.

GENERAL INFORMATION

Mist-Control will retard drift and aid deposition in spraying operations. Mist-Control will improve deposition within the target spray area and will reduce drift or spray mixture when used as directed. The degree of drift hazard varies with the type of remedy used, climatic conditions and vegetation near the target area. Remember, drift is no accident. Drift minimisation is the responsibility of the applicator. Most important though, if there is any doubt about an application that might result in harmful drift, wait until the element of doubt is removed or do not make the application.

DIRECTIONS FOR USE

- Select correct dosage from the following provided chart.

<table>
<thead>
<tr>
<th>SPRAY PRESSURE</th>
<th>NOZZLE ORIENTATION</th>
<th>DOSAGE PER 100L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground applications</td>
<td>Flat Fan:</td>
<td>250 ml</td>
</tr>
<tr>
<td>(Low below 30 psi or 2 bar)</td>
<td>Flood:</td>
<td>250 ml</td>
</tr>
<tr>
<td></td>
<td>Off-centre:</td>
<td>500 ml</td>
</tr>
<tr>
<td>Medium (30 - 50 psi or 2 - 3.4 bar)</td>
<td>Flat Fan:</td>
<td>500 ml</td>
</tr>
<tr>
<td></td>
<td>Flood:</td>
<td>500 ml</td>
</tr>
<tr>
<td></td>
<td>Off-centre:</td>
<td>500 ml</td>
</tr>
<tr>
<td></td>
<td>Spray guns:</td>
<td>750 ml</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPRAY PRESSURE</th>
<th>NOZZLE ORIENTATION</th>
<th>DOSAGE PER 100L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial applications</td>
<td>Flat back: 45°</td>
<td>500 ml</td>
</tr>
<tr>
<td>(below 40 psi or 3.1 bar)</td>
<td>Angle back:</td>
<td>1 L</td>
</tr>
</tbody>
</table>

RECOMMENDED PROCEDURES FOR REDUCING DRIFT DAMAGE

Recommended procedures

Select correct nozzle type

Example

Explanation

Use lower end of pressure

Use 150 – 250 kPa for raindrop. Less than 200 kPa for other nozzle types.

Higher pressures generate more small droplets, less than 100 microns VMD.

Lower boom height

Use as low a boom height as possible to maintain distribution.

Wind speed increases with height. A few cm lower boom height can reduce drift.

Increase spray volume

If normal volume 60 – 80 L/ha, increase to 100 – 120 L/ha.

Larger capacity nozzles will reduce spray depositing off-target.

Spray when wind speeds are less than 5km/h and moving away from sensitive plants.

More of the spray volume will move off-target as wind increases.

Do not spray when the air is completely calm or an inversion occurs.

Inversions generally occur in early morning or near bodies of water.

Calm air or inversions reduce air mixing and spray can move slowly downhill.

MIXING INSTRUCTIONS

- Fill mix tank with water and agitate.
- Always add wettable powder formulations before Mist-Control is added to the spray tank. Be sure that wettable powders are completely dispersed before adding Mist-Control. Pour the correct volume of Mist-Control slowly into the most turbulent area in the tank or on the surface during tank filling.
- Hygrobuff 4 and Surebuff may be added to the spray tank before Mist-Control if pH adjusting of water is needed.
- If additional spray tank additives are used, such as Nu-Film P (L2980) or Nu-Film 17 (L2981), these should be added to the spray tank before Mist-Control had been added.
- Continue to agitate the tank mixture for at least two minutes before spraying commences.
- If too much Mist-Control is added, resulting in the tank mix becoming thick, the viscosity can be reduced by adding 120 – 240g of table salt per 100 litres of spray mixture.

Manufactured by:
Miller Chemical & Fertilizer CO., USA
Registered and Distributed by:
HygroTech Properties
Reg. No. 1984/00638/07
1 Gerhard Braak St., Pyramid, 0120
P.O. Box 17220, Pretoria North, 0116
Tel: (012) 545 8000 * Fax: (012) 545 0150