



JIANGXI HITO SILICONE MATERIALS CO.,LTD

No 6 Tianhong road,Xinghuo

industry zone,Yongxiu,

Jiujiang,Jiangxi province,China

(86)792-3170326(Tel) (86) 792-3170355 (Fax)

TECHNICAL DATA SHEET

H-3406/H-3407

Drift Control And Deposition Adjuvant

DESCRIPTION

Drift Control And Deposition Adjuvant is a special anti-spray spray synergist developed for the characteristics of drone spray operation. It is mixed with a fly-proof agent according to a certain proportion. By reducing the surface tension, reducing the contact angle between the liquid surface and the medium, promoting the liquid medicine. The surface expansion speed and the expanded area of the chemical solution increase the retention of the pesticide on the target surface and improve the penetration ability of the target, which can significantly improve the pesticide utilization rate of the aircraft spray. This is very effective for improving the efficacy of the drug, reducing the amount of pesticides, saving costs, and reducing the pollution of pesticides to the environment.

Main Features:

- ◆ Anti-drift: adjust the size of the droplets to reduce the formation of small droplets;
- ◆ Promote sedimentation: inhibit the evaporation of droplets and accelerate the sedimentation of droplets;
- ◆ Promote adhesion: improve the wetting and spreading of the droplets, making it easier to contact;
- ◆ Rain-resistant scouring: efficient systemic and conductive;
- ◆ Anti-evaporation: prolong the drying time of the droplets and fully absorb them;
- ◆ Promote absorption: the drug can be infiltrated through the pores to accelerate the absorption of the drug solution;
- ◆ Easy to mix: It can be compounded with a variety of pesticide formulations, and it is not easy to flocculate with liquid medicine. It can be used in various environments.

TYPICAL PROPERTIES

	Model	Appearance	Viscosity (25°C) ,m m²/s	Surface Tension (0.1%wt) , mN/m	wetting time (1% wt), s	Density (25°C),g /cm³	Recommended dosage ml/hectarea
Drift control and deposition adjuvant	H-3406	Light yellow liquid	10-25	<30	<30	0.9-1.0	75-225
	H-3407	Colorless to light amber liquid	40-90	<22.0	<20	0.95-1.05	75-150

USES AND APPLICATION

First mix the medicinal agent with water, add the auxiliaries to the spray solution according to 5~15 ml/mu, and mix after spraying;

Under suitable meteorological conditions, according to the addition of 5~10 ml/mu, under the condition of ensuring the same efficacy, it can reduce the use of pesticides by more than 20% (specifically, the Daejeon experiment);

In the unsuitable weather conditions: add 10~15 ml/mu;

In the suitable weather conditions: the temperature is not higher than 27 ° C, the relative humidity of the air is greater than 60%, and the wind speed is not higher than 4 m / s.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

After sealing packaging products stored in a cool, dry place, Drift Control And Deposition Adjuvant (Unbroken package) has a shelf life of 3 years from date of manufacture. Drift Control And Deposition Adjuvant is transported as non-hazardous chemicals.

PACKAGING

Drift Control And Deposition Adjuvant is available in 200 kg/1000 kg plastic drum.

LEGAL DISCLAIMER

Hito chemical believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Hito Chemical, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.



is a registered trademark of Hito Silicone Materials, China.