

Integra[®]

Greenlife
CROP PROTECTION AFRICA

TECHNICAL GUIDE



A SUPER FOLIAR WETTER AND SPREADER

An organo-silicone based non-ionic wetter and spreader, highly effective in improving spray coverage, adhesion and penetration of pesticides, fertilizers, herbicides etc.

Declared Active Ingredients:

Polyalkyleneoxide modified
Heptamethyltrisiloxane 800 g/L minimum

Issue on spraying dilution waste

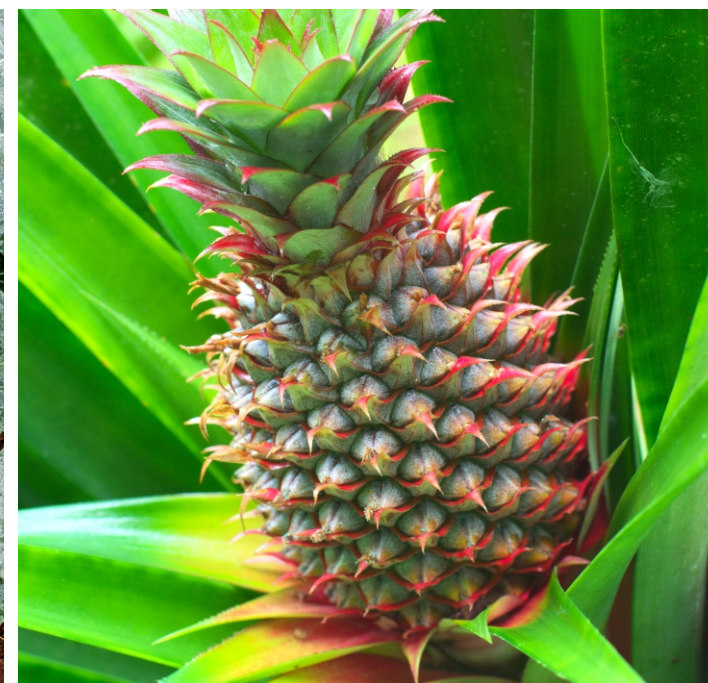
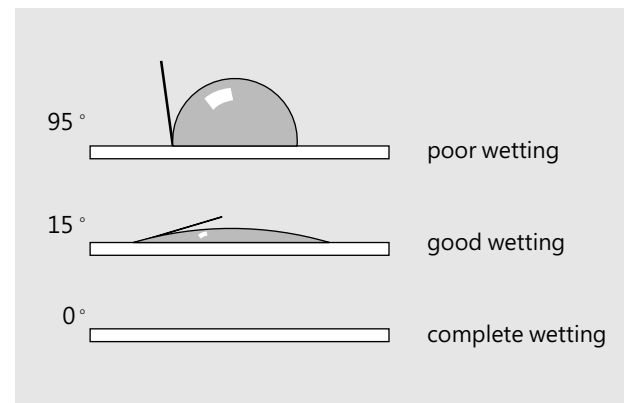
Spraying dilution runoff occurs frequently during spraying pesticides and fertilizers in horticulture. In particular, wax coat on rose foliage, results in severe waste of spraying dilution droplets during spraying in cultivation of roses and vegetables. Repeat sprays have to be performed to reimburse the runoff loss of spraying dilution droplets.

Horticulture growers need a solution reducing the runoff loss with Integra achieving fast and super wetting and spreading of spraying dilution on plant foliage surfaces. With application of Integra, spraying dilution is utilized with high efficiency resulting in significant savings of pesticides/fertilizers and water during tank mix preparation of spraying dilutions.

No treatment with Integra®



Treatment with Integra®



Application instructions

Crop	Rate	Remarks
Roses	Foliar spray: 100-200ml of Integra per hectare, dilute 2-4ml of Integra in 20 litres of water.	Integra can be applied at any time with pesticides or micronutrients application, except to plants under stress.
French bean, Runner bean, Snow pea, Tomato, Potato, Eggplant, Cucumber, Chilli, Capsicum, Cabbage, Broccoli, Kale, Cauliflower, Mango, Citrus, Pineapple, Avocado, Passion fruit		Integra is compatible with major commonly used pesticides, it is always advised to conduct a physical compatibility test before spraying a large scale. Integra is not phytotoxic when used as recommended. No PHI requested

Integra® brings you the following benefits in saving you much more in crop cultivation

- Super wetting and spreading by reducing pesticide droplet surface tension on plant leaf surface less than 22.0 mN/m, which is critical point of good wetting shown in previous figure.
- Reduce pesticide consumption 20-30% and water consumption 50-70% by full coverage on plant foliar surface, super penetration, preventing spraying dilution runoff from leaf surface.
- Low application rates at much lower cost up to 2ml in 20L of water.
- Excellent food safety and No PHI requested.
- Excellent compatibility with most pesticides and fertilizer nutrients.
- Flexible application timing at any time with pesticides or micronutrients application.
- Proven and reliable wetting and spreading properties ensuring financial return and profitability.