



TO MANAGE

LIGHT BROWN APPLE MOTH

SPLAT™ LBAM HD-O

Mating Disruption for Light Brown Apple Moth (*Epiphyas postvittana*)

ISCA Technologies is proud to introduce its Specialized Pheromone & Lure Application Technology (SPLAT) for the management of the light brown apple moth (*Epiphyas postvittana*). SPLAT LBAM HD-O™ is an environmentally friendly mating disruption product that provides sustained and controlled release of the light brown apple moth pheromone. Independent field studies have shown SPLAT LBAM : 6ZAF² to be as or more effective than leading mating disruption products. For most orchards, one application of EB>3F >43? : 6ZAF² has been demonstrated to provide mating disruption protection for the whole season. EB>3F >43? : 6ZAF² is an outstanding alternative to standard pesticide treatments, where moths are found to develop resistance to insecticides. Additionally, SPLAT products are less expensive to apply than other conventional pheromone dispensers since application is less labour intensive; mechanical applications include the use of caulking guns and - for larger areas - Splatagator.

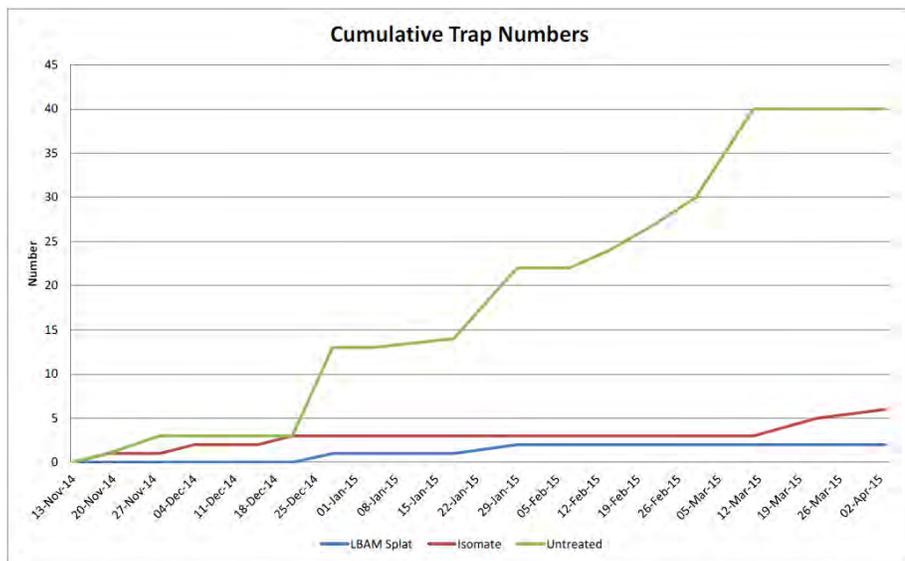


Figure 1: Data from the LBAM pheromone traps in each treatment block demonstrate that SPLAT LBAM HD-O™ (blue line) resulted in trap shutdown equal to or better than the standard ISOMATE LBAM PLUS across the full season. Trap shutdown is a measure of the efficacy of a pheromone treatment.

Light brown apple moth trap and lure available for sale

LBAM lure: IT157 Iscalure-Postvittana
Trap: AR907 Paper Delta Trap

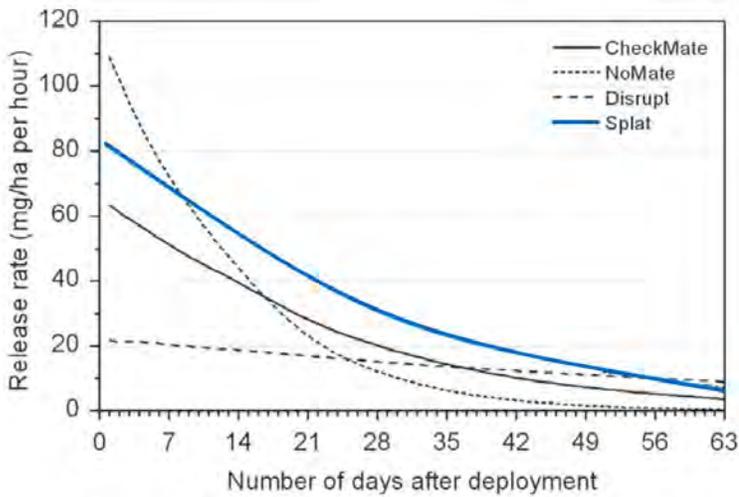


Figure 2: Pheromone release rates of the main component (E-11-tetradecen-1-yl acetate) of 4 formulations applied for mating disruption. SPLAT LBAM HD-O™ maintained the highest release rates of pheromone for the majority of the nine week assessment period after deployment (Brockhoff et al., 1999).

Crop/Situation	Pest	Application rate	Critical Comments
Orchards, Vineyards and any other crop or situations where Light Brown Apple Moth control is required	Light Brown Apple Moth (<i>Epiphyas postvittana</i>)	625 to 1000 g/ha	<p>Use higher rates to increase the level of mating disruption.</p> <p>For best results, use the mating disruption strategy on areas greater than 4 hectares.</p> <p>Apply early in the season, prior to or at the first sign of male flight. Use pheromone bait traps to monitor infestation levels.</p> <p>Reapply as needed based on pheromone baited trap capture and scouting programmes.</p> <p>When applying by hand apply the 1 gram dollops using a spatula or caulking gun, at the upper level of plant foliage, tree canopy or as high in trees as possible.</p> <p>When applying by mechanical methods see the application section.</p>

Table 1: Use Directions for SPLAT LBAM HD-O™ (to be read and used in conjunction with the complete registered product label at www.ocp.com.au)



Figures 3 & 4: Mechanical application methods include the use of the Splatagator (above left) - which is vehicle mounted for economical and fast application to larger areas - and the use of a caulking gun (above right) for hand application to smaller areas.

Contact your local OCP representative for further information on SPLAT LBAM HD-O™ including mechanical application using the Splatagator.