

Area wide management

Management at a larger scale
To produce clean, marketable fruit



What is area wide management?

AWM is a pest management strategy employed across a well-defined local area or region, that includes a suite of management tools targeting all fly habitats within that area, in order to reduce the total Qfly population. A reduced population in all habitats reduces the likelihood of Qfly moving into vineyards and orchards from habitats such as backyard gardens and/or native hosts. AWM is an ideal approach for mobile pests such as Qfly.

Ensuring all habitats within an area are appropriately managed is not an easy task; AWM requires that any and all control methods are coordinated. In Australia hygiene, MAT, and bait sprays are available for use, and suitable in many crop types. Finding the best suite of methods for your area takes time and planning. Methods are consistent across AWM programs worldwide, relying primarily on **hygiene**, **bait sprays**, and **MAT**, and sometimes with additional tactics (biocontrol agents and SIT).

AWM is a long-term undertaking, for long-term solutions.

Tips for success

Know your pest – understand Qfly biology and behaviour

Know your land – find out where all the Qfly host plants are, and habitat in your region

Know your neighbours – make sure everyone is involved – Qfly doesn't discriminate!

What is SIT?

SIT involves the release of large numbers of sterile male fruit flies. These sterile flies outnumber the wild male population limiting the opportunity for wild females to mate with wild males. The outcome of this is that the wild females will not produce viable offspring, and the population is progressively suppressed. SIT works best once the fly population is at a stable low level, making it a valuable tool within an existing AWM approach, not a stand-alone tactic. To learn more about implementing AWM programs that can incorporate the use of SIT visit the areawidemanagement.com.au website.

visit www.areawidemanagement.com.au to learn more



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