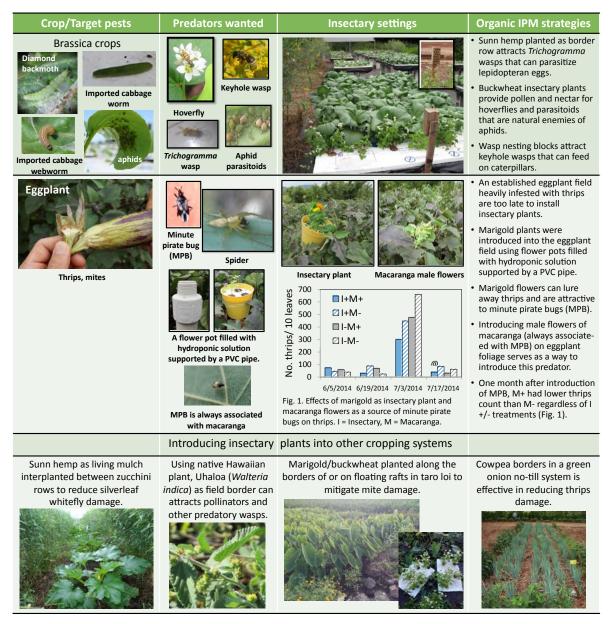
Insectary Plants for Organic IPM

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Introduction

Insectary plants are plants that attract beneficial insects. Most insectary plants (e.g. buckwheat, cilantro) produce great abundance of nectar and pollen which are critical for the survival, development and reproduction of many natural enemies of agricultural pests such as hoverflies and parasitoids. Some insectary plants provide ground cover (white clover, buckwheat) which create habitats for ground arthropods, thus supply food for spiders. Another type of insectary plants attract certain arthropods that are not agricultural pests but indirectly attract natural enemies of common agricultural pests (e.g. sunn hemp, macaranga). Other insectary plants (e.g. sweet potato, cowpea, lablab) produce extra-floral nectaries (nectar glands not associated with flowers). Parasitic and predatory insects use extrafloral nectaries as food sources and mating sites during periods when few plants are in bloom (drought or early spring). This poster summarizes how to integrate different insectary plants into different agroecosystems that are compatible with organic farming practices.



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