



Topics

- A bit about beneficial insects handout
- What is an insectary anyway?- handout
 Multiple benefits of planting an insectary
- Useful links (research) -handout What should I plant?

- Pretty flowers!
 Monitoring results from our demonstration sites
 Cost/benefit of ladybirds



2



Key beneficials

Ladybirds- both adults and larvae are generalist predators. Adults require nectar.

Lacewings- green lacewing adults feed on nectar, pollen, aphids and honeydew, larvae feed on thrips, mites, LBAM eggs and larvae and mealybugs. Brown lacewing adults and larvae are also generalist predators. Green lacewings prefer large shrubs and trees. Brown lacewings prefer native grasses.

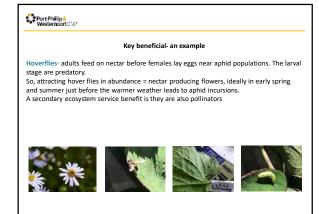
Spiders- generalist predators that live in both plant canopies and ground dwelling

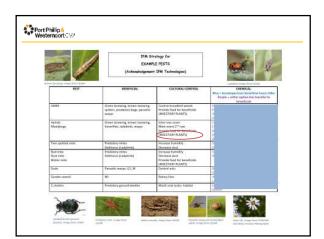
Parasitoid wasps (ie Trichogramma)- parasitise caterpillars and aphids. Some are egg parasitoids. Require a nectar source:















Insectaries

- An area planted with year round flowering plants to provide shelter, pollen and nectar for natural populations of beneficial invertebrates.
- Ground habitat (mulch, rocks etc)
- Native bee habitat & nesting substrate





7



The multiple benefits of having native vegetation on your farm

- Pollination
- Habitat and food source for insects Shelterbelts/Windbreaks
- Perennial groundcover
- Filtration services along drainage lines Biodiversity values (consider offsets in planning applications)
- Meet obligations in Environmental Assurance programs







EnviroVeg

8



Where can you plant an insectary?

- Grasses under vine or inter-row, end of row strainer posts
- Surrounding a dam Land class zoned unsuitable for production
- Garden beds
- Containerised gardens
- Headlands, buffers and riparian zones Re-vegetated shelterbelts- add lower story shrubs
- Embankments and erosion prone areas
 with careful planning and
 - suitable species







