

Diversity of Pollinators and Natural control agents

- 1) Beneficial insects within the Arthropoda class, including Syrphid flies, Coccinellid beetles, Ape fly butterflies, Paper wasps, Braconid wasps, ichneumonid wasps, and others, play crucial roles in agro-ecosystems.
- 2) These insects are attracted to nectar-producing flowering plants for sustenance in their adult stage.
- 3) The larvae of these insects exhibit parasitic behavior towards numerous pest insects.
- 4) Coccinellid beetles and syrphid flies are particularly effective agents, attracted to yellow-orange flowers often found on oilseed plants.
- 5) Oilseed plants, acting as trap crops, effectively manage major pests like aphids infesting crops such as Niger and safflower.
- 6) The relationship between beneficial insects and crop management strategies is intricate and vital for sustainable agriculture.

Pollination and Natural Control

Syrphid Fly and Coccinellid beetles play role in the Natural control and pollination



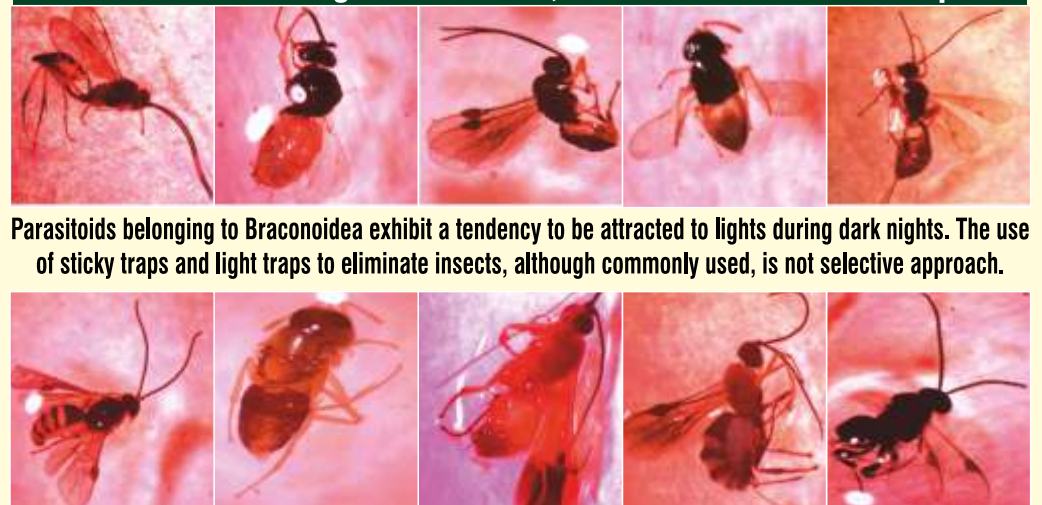
Paper wasp Natural control and pollination



Ape Fly Butterfly Life cycle Controls Mealy bugs and Aphid



Natural Control agents Braconid, Ichneumonid and other wasp



Parasitoids belonging to Braconioidea exhibit a tendency to be attracted to lights during dark nights. The use of sticky traps and light traps to eliminate insects, although commonly used, is not selective approach.

Natural Control Agents



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