



Bureau of Plant Industry
CROP PEST MANAGEMENT DIVISION

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FUN FACTS ABOUT BIOLOGICAL CONTROL AGENTS



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Have you ever heard about Biological Control?



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#CPMDTrivia-Usapang BIOcon



BIOLOGICAL CONTROL

is the employment of naturally occurring beneficial organisms sometimes known as natural enemies to control pests.



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3 P's in Biological Control

PREDATORS



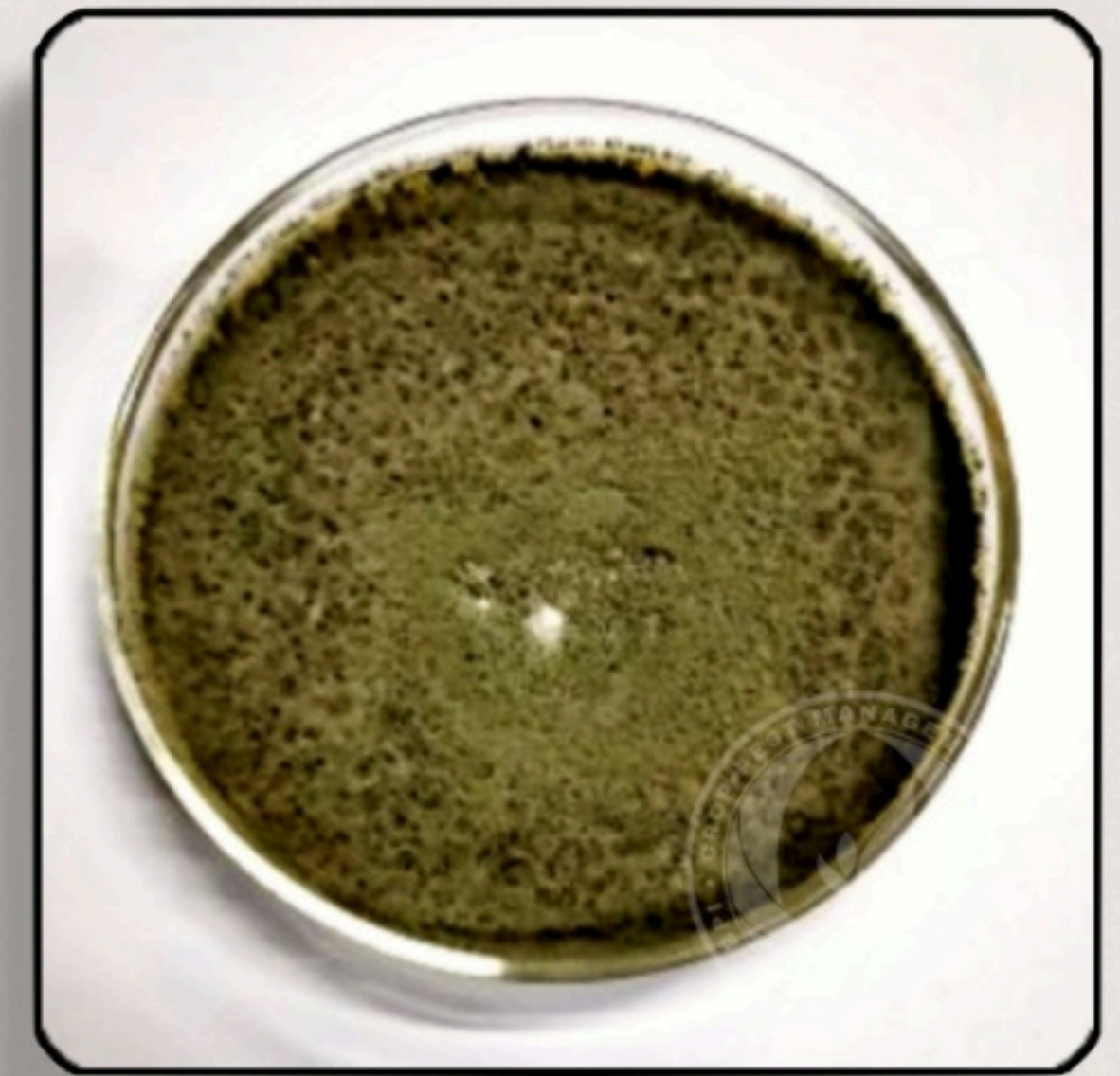
Eocanthecona furcellata

PARASITOIDS



Trichogramma sp.

PATHOGENS



Metarhizium anisopliae

PREDATORS

These are organisms that prey and consume other organisms. They frequently eat the host (pest) at all life stages including eggs, larvae, pupae, and adults.



Predatory Pentatomid Bug



Predatory Earwig



Green Lacewing

PARASITOIDS

An organism that lives in close connection with its host at the expense of the host, eventually leading to the host's death.

Egg Parasitoid



Trichogramma sp.

Larval Endoparasitoid



Meteorus pulchricornis

PATHOGENS

A microscopic organism that inhabits, consumes, and cause disease in their hosts.

Bacteria



Bacillus subtilis

Fungi



Beauveria bassiana

Virus



Nuclear Polyhedrosis Virus (NPV)



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Photo References :

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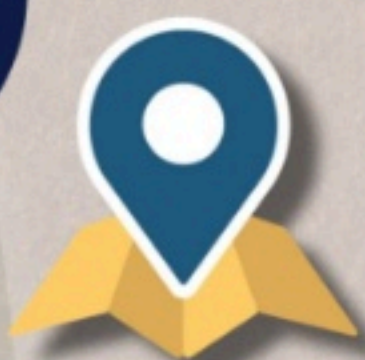


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