



# POCHONIN BIONEMATICIDE



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## Pochonin-bionematicide

Pochonin is a liquid formulation of *Pochonia chlamydosporia*, a fungal antagonist that effectively act against plant parasitic nematodes. This potent biocontrol agent was isolated from soil. The use of this biocontrol agent is a safer option when compared to chemical nematicides. The ban/restrictions on the use of several chemical pesticides used for control of due to environmental and toxicological concerns also increases the importance of this biocontrol agent. *Pochonia chlamydosporia* can survive in the soil, either as free living nematode or as a saprophyte.

## Target nematodes

Generally, *Pochonia* spp. are known as egg parasites of root knot nematodes. But it can be also used to manage other types of nematodes. The ability to colonize the plant rhizosphere area and the ability for fast multiplication by consuming plant exudates are some of the features of this fungus.



## How to use

Pochonin is mixed in water @1ml per litre and this solution can be applied as soil drench in the root zone of crops. About 5-8 litre solution is required for a fully grown black pepper vine. There should be enough organic content in the soil at the time of application. Pochonin can be applied twice in a year, during May-June and September-October.



## Points to remember :-

- It should not be applied in flooded or dry soil.
- It should not be applied with wood ash and lime.
- The chemical fertilizers or pesticides can be applied only after 14 days of Pochonin application.
- It must be used before the expiry date.



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