

# PELRICH- BIORAKSHAK



**PELICAN**  
Biotech & Chemical Labs

*Creating wealth from waste*

Company Logo

**PELICAN BIOTECH & CHEMICAL LABS PVT .LTD .**

**KP-1/77,NC John Estate, Kuthiathode,, Alappuzha District, Kerala, Pin- 688533, INDIA**

**Ph: 0478-2560206,3212999, Email: [contact@pelicanbiotech.com](mailto:contact@pelicanbiotech.com),**

**Web: [www.pelicanbiotech.com](http://www.pelicanbiotech.com)**



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# ALL ABOUT .....

## PELRICH BIORAKSHAK

**Pelrich "Bio-Rakshak" is a non-toxic, bio-safe natural enzyme- based pest repellent**



- **It contains culture broth of consortium of soil microbes along with enriched herbal extracts**
- **This broth contains an array of chitinase and protease enzymes which in combination have been found to be effective against various kind of pests and fungi.**
- **These consortium of enzymes are stabilized by Chitosan, a versatile bio-polymer derived from prawn shell.**



# How chitinase work

- All plants naturally have the ability to produce chitinase enzyme. This ability of the plants was compromised by selective breeding targeting only yield
- In forests by symbiotic relationship the fresh leaves are protected by chitinase enzyme while the older leaves in the lower portion will be left for the pests to feed.
- Chitinase enzyme act as a deterrent in t plants by inflaming the gut of the insects and dissolving the chitinous skeleton of infecting fungus.

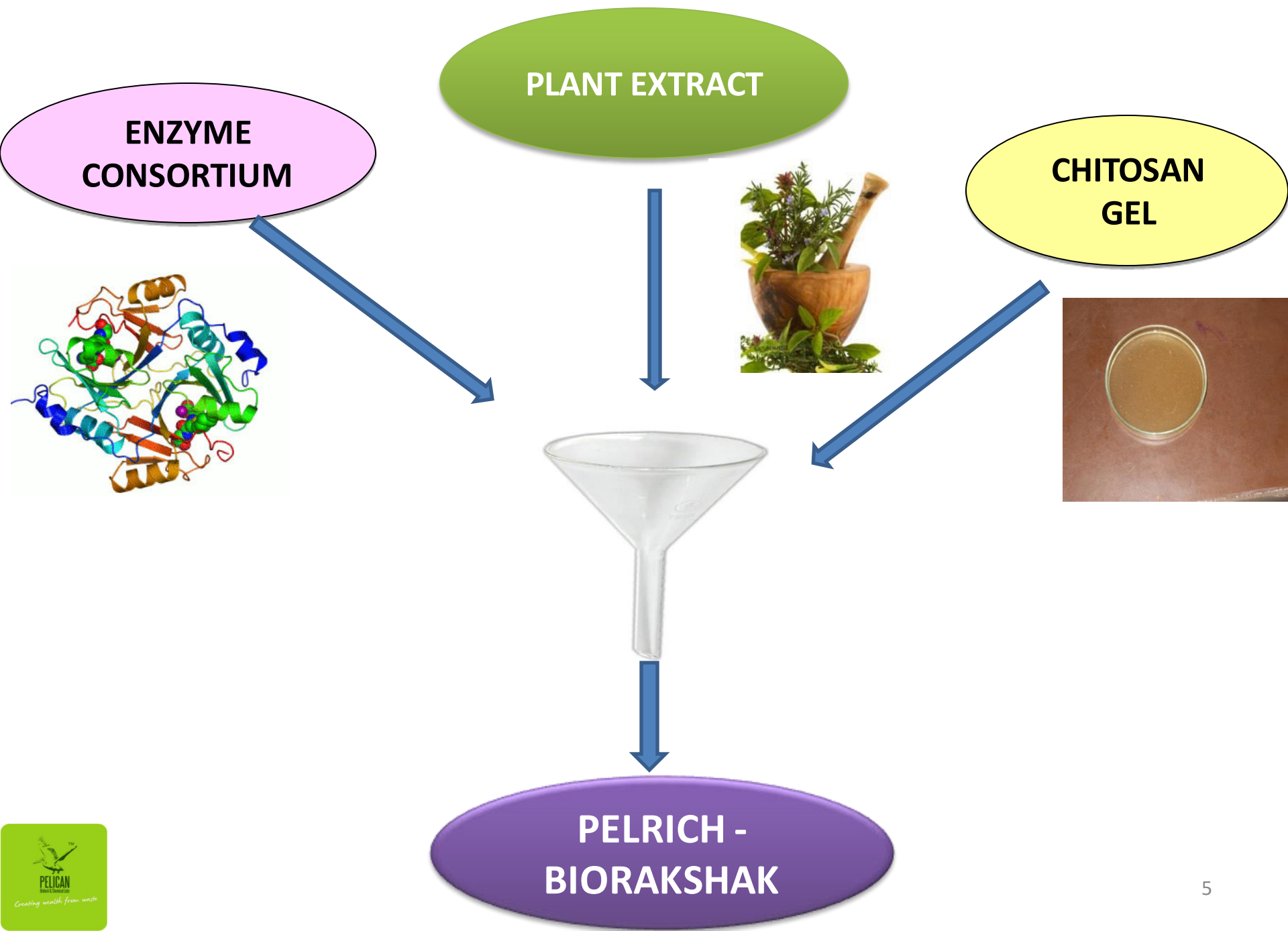
# **Advantages of PELRICH BIORAKSHAK**



- **It instantly kill insects.**
- **Works against the protein on the skin of the insects**
- **It also improves the plant growth as it contains bio-enzyme which is beneficial to plants.**
- **Completely eco-friendly and bio-safe.**
- **Good anti-fungal properties.**

**A simple replacement to harsh chemical pesticides  
insecticides**







# PELRICH-BIORAKSHAK on action....



↑  
**BEFORE SPRAYING**

PELRICH-BIORAKSHAK



**AFTER SPRAYING**

# How to Use... PELRICH BIORAKSHAK



- Dilute 10 – 50 ml of PELRICH BIORAKSHAK in one liter of water – as per the severity of infestation
- Then spray on plants thoroughly on both sides of the leaves.
- Apply once in 15- 20 days after the addition of Pelrich Plus and Pelrich Bio boost.



# MODE OF ACTION

## PELRICH-BIORAKSHAK

- PELRICH-BIORAKSHAK adheres to fungi / insects and begins its reaction
- PELRICH-BIORAKSHAK hydrolyses chitin in the cell walls of insects
- PELRICH-BIORAKSHAK causes leakage of amino acids and proteins which support fungal /insects cell walls causing cytological damage.
- PELRICH-BIORAKSHAK acts as a catalyst stimulating chitinase enzyme, which enhances the immunity of the plants against pest attack.





# THANK YOU

