

# Formula Insektisida Nabati Berbahan Utama Daun Tumbuhan Bintaro (*Cerbera odollam*)

## *Vegetable Insecticide Formula from Bintaro Leaves (Cerbera odollam)*

Inventor : Syaiful Asikin  
Balai Penelitian Pertanian Lahan Rawa  
*Indonesian Wetland Research Institute*  
Status Perlindungan HKI : IDP000043185

Berbagai dampak buruk dari penggunaan insektisida kimia sintetik menuntut adanya alternatif pengendalian hama yang ramah lingkungan. Insektisida nabati berbahan utama daun bintaro hasil penelitian Balitbangtan melalui Balai Penelitian Pertanian Lahan Rawa ini selain efektif mengendalikan hama ulat grayak, juga efektif mengendalikan ulat jengkal, dan ulat *Plutella*. Efektivitas penggunaan insektisida nabati ini dapat mengendalikan ulat grayak hingga 80-95%, ulat jengkal 70-80%, dan *Plutella* 75-85%.

*Various negative effects of the use of synthetic chemical insecticides require an alternative to environmentally friendly pest control. Bioinsecticide made from Bintaro leaf is IAARDs research result through Indonesian Wetland Research Institute, which is effective controlling army worm as well as effective controlling green semilooper and *plutella* caterpillar. The effectiveness of the use of this bioinsecticide can control army worm up to 80-95%, 70-80% green semilooper and 75-85% *plutella* caterpillar.*

