

Technology's description

This invention concerns a production process of 'mini-larvae' as an attractive feed for fish or other animals.

The bioconversion of nutrients from palm kernel cake to larval biomass was developed by an IRD research team in partnership with the Ministry of Marine Affairs and Fisheries of Indonesia.

The team have worked several years with Black Soldier Fly insect and have all the necessary know-how to set pilot plans with different substrate, envisaging further scale-up.

This method enables a low-cost production of a new source of animal protein that could replace fishmeal.

Advantages

- Low-cost protein for animal feeding
- Production of healthy larvae, pathogen-free and non-polluting
- Add value to industry by-product
- Process easily implemented

Intellectual property

Know-how

Development level

System prototype demonstration in operational environment



Applications

- Animal nutrition
- Recovery of by-products

Technology transfer

- Know-how transfer

