

ABSTRACT
DESIGNING A BLACK SOLDIER FLY (BSF) MAGGOT BIOPOND FOR CHICKEN FEED

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In chicken farming, the protein source of animal feed is the main factor that determines the success or failure of chicken farm development. One of the potential protein sources as chicken feed is Black Soldier Fly (BSF) maggot. Therefore, Black Soldier Fly (BSF) maggot is widely cultivated by chicken farms as an alternative feed. In terms of Black Soldier Fly (BSF) maggot rearing, farmers at Mr Anshor's Chicken Farm located in Cikadut Village, Bandung, West Java, are less able to maximise Black Soldier Fly (BSF) maggot cultivation. This is due to the limited tools available. The farming equipment used is still using simple equipment, such as still using plastic boxes for their enlargement bioponds and simple sieve tools to feed them. This design will design a Black Soldier Fly (BSF) maggot biopond using the user centered design (UCD) method, which is a design method centred on potential users. This design aims to increase the productivity of farmers in cultivating Black Soldier Fly (BSF) maggot at Mr Anshor's farm located in Cikadut Village, Bandung, West Java.

Keywords: *biopond, productivity, maggot Black Soldier Fly (BSF)*

KATA PENGANTAR

Puji syukur atas kehadiran Tuhan Yang Maha Esa. Yang telah melimpahkan nikmat, rahmat dan hidayah-Nya sehingga penulis dapat