

firma: InnoFarm Biotech Co., Ltd.
tytuł: Crystal protein production from Bacillus thuringiensis Hybrid for Broad Range Insect Pest Control
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branża: Środowisko/Chemia/Biotechnologia/Nanotechnologia
Opis PL:
Opis ENG: B. thuringiensis is a soil bacterium, which can produce crystal protein that can kill insect larvae. This crystal protein is highly specific to insect pest f.ex. armyworms, cotton worm, rice leaf folder etc. but is not effective against other useful insects. This work presents Thurisis as an innovative product, which consisted of two crystal proteins from two different strains of B. thuringiensis sub. Kurstaki. The product is produced by bioprocess technology to obtain high titer of two crystal protein concentrations, which is highly effective to control insect pest. The product gives shorten LT50 and lower LD50 compared with chemical and other commercial products. The use of these crystal proteins from B. thuringiensis sub. kurstaki to control insect pest will reduce the use of chemical in economical crops effectively.

ID wyn.: 52
Ochrona
własności
intelektualnej:
stopień
komercjalizacji: Produkt rynkowy