

Approved List of Biological Control Agents

Biological Control Agent (BCA) is a natural enemy, an antagonist or competitor, or other organism, used for pest control

Scientific Name	Date Approved
Bacteria	
<i>Bacillus amyloliquefaciens</i>	May 2022
<i>Bacillus megaterium</i> De Bary 1884	June 2020
<i>Bacillus subtilis</i>	March 2015
<i>Bacillus thuringiensis</i> subsp <i>israelensis</i>	September 2020
<i>Bacillus thuringiensis</i>	September 2020
<i>Pseudomonas fluorescens</i>	December 2019
Fungi	
<i>Beauveria bassiana</i>	
<i>Metarhizium anisopliae</i> (Metsch) Sorokin	January 2021
<i>Paecilomyces lilacinus</i>	January 2015
<i>Paecilomyces fumosoroseus</i>	January 2015
<i>Setosphaeria rostrata</i>	March 2020
<i>Trichoderma harzianum</i>	January 2015
<i>Trichoderma viridae</i>	January 2020
<i>Trichoderma konigii</i>	January 2020
<i>Trichoderma asperellum</i>	March 2021
<i>Verticillium lecanii</i>	January 2015
Insects	
<i>Dacnusa sibirica</i>	November 2018
<i>Diadegma semiclausum</i>	October 2023
<i>Diglyphus isaea</i>	November 2018
<i>Encarsia formosa</i>	May 2015
<i>Eretmocerus hayati</i>	May 2015
<i>Eretmocerus warrae</i>	May 2015
<i>Mallada signata</i>	December 2013
<i>Neoseiulus californicus</i>	May 2015
<i>Orius sauteri</i>	December 2023
<i>Phytoseiulus persimilis</i>	May 2015
<i>Plesiochrysa ramburi</i>	February 2020
<i>Stratiolaelaps scimitus</i>	September 2021
<i>Typhlodromalus lailae</i>	August 2019
<i>Typhlodromips montdorensis</i>	November 2021
<i>Typhlodromips swirskii</i>	December 2023
Nematode	
<i>Heterorhabditis bacteriophora</i>	May 2023
<i>Heterorhabditis indica</i>	March 2022
<i>Steinernema carpocapsae</i>	March 2020
<i>Steinernema feltiae</i>	November 2018

Note: ** as of 14 December 2023

