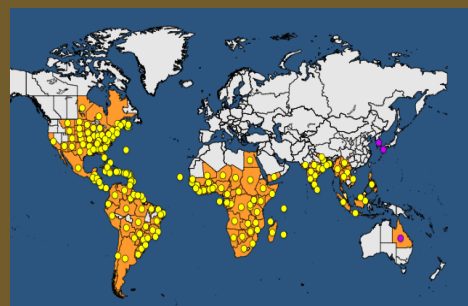


Spodoptera frugiperda: spreading, establishment, damaging potential and control measures for the EU



Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 126 000

Research consortium

JKI (DE), BFSa (BG), INRA (FR), BIUST (BW), CABI (GB), NWU (ZA)

Goals

The project aims to determine cold hardiness ability and climate limit of *S. frugiperda* by performing laboratory assays on different populations established in different areas. Different measures are available to control *S. frugiperda* (insecticides, larval parasitoids, resistant varieties, mating disruption, cultural control and finally IPM programmes). A review of the lessons learnt on the use of different control measures in the various (African) countries will be performed and the most suitable (for the EPPO region) approaches will be identified.

Objectives

The project objectives are:

- To determine the cold hardiness ability of *S. frugiperda*, which is essential for projecting the potential spread of this species and performing accurate PRAs
- To validate management strategies applied at both the place of production and place of entry in order to reduce the risk of introduction and spread within the EPPO region
- To increase the public awareness of *S. frugiperda* to avoid establishment in some EPPO regions, damages and spread

Contact information

Project coordinator: Peter Baufeld

peter.baufeld@julius-kuehn.de