



CAB ABSTRACTS **HOT TOPIC:**

New emerging pests and how to control them

Invasive insect pests can threaten food production in developing countries. Fall armyworm, a pest indigenous to the Americas, has recently been shown to be spreading across Africa, damaging crops and posing a threat to livelihoods.

CAB Abstracts contains a wealth of information on crop protection to enable researchers, scientists and extension specialists to identify, monitor and work out the best strategies for controlling invasive pests.

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CAB Abstracts sources the world literature to provide information on all aspects of crop pests and their control including information on:

- New pest reports:** fall armyworm, a pest which had previously not been found outside the Americas, has been reported from Africa and is spreading rapidly.
*First report of outbreaks of the fall armyworm *Spodoptera frugiperda* (J E Smith) (Lepidoptera, Noctuidae), a new alien invasive pest in West and Central Africa.*
PLoS ONE, 2016
- Biological control:** biological control is an alternative to using chemical pesticides and provides an environmentally sound and effective means of controlling pests through the use of natural enemies.
*Influence of male presence and host diet on *Campoletis sonorensis* parasitism of *Spodoptera frugiperda*.*
Biocontrol Science and Technology, 2017
- Pest monitoring and forecasting:** the use of pheromone traps can help to locate outbreak areas and trap data can be used to identify potential outbreak areas within a given region.
Fall armyworm in Africa: which 'race' is in the race, and why does it matter?.
Current Science, 2018
- Integrated Pest Management:** Integrated Pest Management (IPM) is a programme of pest control based on prevention, monitoring and control, utilizing a variety of methods and techniques, including biological and cultural control.
*A climate-adapted push-pull system effectively controls fall armyworm, *Spodoptera frugiperda* (J E Smith), in maize in East Africa.*
Crop Protection, 2018

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