



ICGEB

International Centre for Genetic
Engineering and Biotechnology

Meetings and Courses 2022

ICGEB Workshop

Fall armyworm control: challenges and opportunities for the use of biopesticides

26-28 October 2022 | Cape Town, SOUTH AFRICA

Organiser:

Dennis Ndolo (ICGEB Cape Town, South Africa)

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Web <https://www.icgeb.org/fall-armyworm-control-workshop-cape-town-2022/>

For the past few years, significant yield losses in maize have occurred in many countries in sub-Saharan Africa, due to damage by the invasive fall armyworm, *Spodoptera frugiperda*. Native to the tropical regions of the Western Hemisphere, the pest was noted for the first time in West Africa in early 2016. Since then, its incidence has been recorded in all the countries in Sub-Saharan Africa, except for Lesotho. In July 2018 the pest was detected in India and by January 2019 it had spread to Bangladesh, China, Myanmar, Thailand, and Sri Lanka. Pest forecasts and modelling studies have shown significant likelihood of near global invasion of the fall armyworm; hence it is essential to develop an effective management approach. Due to the significant crop damage caused by this pest, some countries resorted to the introduction or enhanced use of synthetic chemical pesticides, a development which has placed the economic viability of small-scale cropping systems at risk. There is therefore a need to promote the inclusion of complementary alternatives, such as biopesticides, in fall armyworm control programmes. Topics will include:

- Opportunities for the use of biopesticides
- Trends in the development and use of biopesticides
- Fall armyworm identification, biology and distribution
- Principles of IPM and their application to fall armyworm control
- Stakeholder engagement strategies

Participants

- Admittance is subject to selection and the payment of a registration fee of Euro 30
- The course is expected to have 80 participants. Preference will be given to PhD students and post-doctoral fellows from [ICGEB Member States](#) who are involved in i) the management of the fall armyworm and other invasive agricultural pests ii) research and development of biopesticides

Funding

- A limited number of grants will be available to cover accommodation and meals for the duration of the workshop and provide a contribution towards international travel to nationals of [ICGEB Member States](#)
- Additional grants will be available through the South African National Research Fund

Online application <https://isg.icgeb.org/auth/login>

Deadline 30 June 2022



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