



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Feed the Future Bangladesh Integrated Pest Management presents: Knowledge and Management of the Parthenium Weed in Bangladesh February 23, 2022 | 10:00am (Bangladesh time)

Join by Zoom: <https://viriniatech.zoom.us/j/85332992703?pwd=dEFOMmt2QWRYe-HZZUWIYY0VVUINOUT09>

Meeting ID: 85332992703 Passcode: 758159



Dhileepan
Kunjithapatham,
Queensland Dept.
of Agriculture &
Fisheries,
Australia



A.N. Shylesha,
National Bureau
for Agricultural
Insect Resources,
India



Pramod K Jha,
Tribhuvan
University, Nepal



Ilias Hossain,
Regional Wheat
Research Center,
Rajshali,
Bangladesh



S.M. Rezaul Karim,
Universiti Putra
Malaysia,
Selangor, Malaysia



Md. Abdul Mazed,
Plant Protection
Wing, Dept. of
Agricultural
Extension,
Bangladesh

Parthenium hysterophorus is a destructive weed native to Central and South America that has accidentally been introduced to many regions of the world including Australia, Asia, Africa, and the Pacific Islands. The weed dramatically reduces crop yields, impacts biodiversity, causes human health issues such as respiratory difficulty and rashes, and taints valuable livestock milk.

Beginning in 2005, Virginia Tech's Feed the Future Innovation Lab for Integrated Pest Management and Virginia State University initiated a classical biocontrol program to manage the weed in East Africa. Biocontrol programs have also been set up in Australia, South Africa, Pakistan, and India, with fortuitous introductions of natural enemies to Nepal. *Zygogramma bicolorata* – a leaf-feeding beetle – and *Listronotus setosipennis* – a stem-boring weevil – are the primarily natural enemies implemented in the biocontrol program, but a number of supplementary natural enemies have been introduced to Australia. The use of biocontrol to mitigate the spread of parthenium has demonstrated major success reducing the vegetative and reproductive aspects of the weed and restoring valuable land.

This webinar will cover the harmful impact of the parthenium weed on human and environmental health, as well as approaches to management in Bangladesh. Remarks will be given by R. Muniappan, Director, IPM Innovation Lab, and Md. Abdul Mazed Director, Plant Protection Wing, DAE, Bangladesh.



USAID
FROM THE AMERICAN PEOPLE



OUTREACH & INTERNATIONAL AFFAIRS
CENTER FOR INTERNATIONAL RESEARCH,
EDUCATION, AND DEVELOPMENT
VIRGINIA TECH.

