



MEETING REPORT

SECOND MEETING (Virtual) of the TECHNICAL COMMITTEE of the GLOBAL ACTION FOR FALL ARMYWORM CONTROL, 27 JULY 2020, 15.00-17.00 CET

The Chair and Vice-Chair of the Technical Committee (TC) welcomed all participants, summarized the results of the Steering Committee held a week earlier and highlighted the TC's crucial role in the global action.

The TC Chair presented the six key tasks of the global action: 1) Assess and analyze current pest prevalence situation; 2) Provide guidance regarding national FAW monitoring and early warning systems and general trends in fluctuation; 3) Aggregate and assess evidence to guide technology selection; 4) Synthesize and improve IPM packages by using available evidence (gathered by TWGs, R4D Consortium). Address gaps via research trials in representative biophysical geographies, enhancing integrated approaches for context-specific management; 5) Develop a policy framework to guide countries in strengthening regulatory and enabling environment for safe, effective IPM; 6) Facilitate knowledge transfer and dissemination strategy. He highlighted the role of TC to provide an inventory of evidence-based approaches for FAW management. Three technical working group chairs presented review papers on biopesticide, pesticide and host plant resistance.

TC members discussed various considerations in conducting an inventory of evidence-based approach for FAW management and highlighted the following aspects: 1) To consider the whole range of intervention options including host plant resistance, agroecological approaches, biocontrol and biopesticides to conventional pesticides; 2) Evidence of efficacy and yield impact; 3) The potential trade-offs of each option, including environmental and human health impacts; 4) Costs of interventions, which may inform the type of farming system for which a certain intervention can be implemented; and 5) The importance of reviewing knowledge dissemination strategies to chart the way forward in FAW IPM dissemination and 6) Existing best practices for the global control and management of FAW. The potential for this and other approaches to provide room for collaboration with the newly launched FAO Hand in Hand geospatial initiative was highlighted, especially in targeting interventions and knowledge dissemination activities.

Next steps

The Technical Committee prepared a mechanism to conduct a global assessment of existing IPM options against fall armyworm in a matrix format which is being conducted throughout the summer 2020. The undertaking will involve members of the technical committee and Regional Technical Working Groups (RTWG) as well as the national task forces for fall armyworm control in affected countries around the globe. Expected outcomes include 1) recommendations on existing IPM options tailored for countries' needs and 2) identification of possible gaps in technologies for sustainable fall armyworm control which is expected to provide the much needed guidance to the Steering Committee in recommending global actions.

ANNEX 1: AGENDA

TIME	ITEMS	PRESENTER
15.00-15.05	Opening remarks	Bukar Tijani, Vice Chair
15.05-15.10	Welcome remarks	Robert Bertram, Chair
15.10-15.20	Report on the Global Action implementation	Elisabetta Tagliati, Chief Technical Adviser
15.20-15.35	Technical Committee Workplan <ul style="list-style-type: none"> ● Theory of Change ● Main Tasks 	Robert Bertram, Chair
15.35-15.50	Comments and discussion	
15:50-16.05	Next steps to operationalize initial Workplan Tasks <ul style="list-style-type: none"> ● Inventory of viable FAW control tools ● assessment of pest prevalence and crop impact 	Robert Bertram, Chair
16.05-16.15	Biopesticides - Review Paper	Ken Wilson, Co-Chair of the Bio-pesticides and Synthetic pesticide TWG
16.15-16.25	Pesticides - Review Paper	Paul Jepson, Co-Chair of the Bio-pesticides and Synthetic pesticide TWG
16.25-16.40	Bio-technology – Review Paper	Bodupalli Prasanna, Chair of the Host Plant resistance and Transgenic Resistance TWG
16.40-16.55	Brief comments and discussions	
16.55-17.00	Brief closing comments from the Chair and Vice Chair	Robert Bertram, Chair Bukar Tijani, Vice Chair

ANNEX 2: Membership list

	Name, Last name	Organization name, Address
		International Research Institutes
1.	Mr Sunday Ekesi Director of Research and Partnerships	International Centre of Insect Physiology and Ecology (<i>icipe</i>), Kenya
2.	Mr Malik Ba Country Representative – Niger, West & Central Africa Program	International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Niger
3.	Mr Georg Goergen Entomologist / Biocontrol Specialist	International Institute of Tropical Agriculture (IITA), Benin
4.	Mr BM. Prasanna Director of CIMMYT's Global Maize Program and the CGIAR Research Program on Maize	International Maize and Wheat improvement Center (CIMMYT), Mexico
5.	Mr Robert Day Programme Executive, Action on Invasives	Centre of Agriculture and Bioscience international (CABI), United Kingdom
6.	Mr Julien Godwin Programme Support Manager, Action on Invasives	Centre of Agriculture and Bioscience international (CABI), United Kingdom
7.	Mr Rhett Harrison Tropical Forest Ecologist & Conservation Biologist	International Centre for Agroforestry Research (ICRAF), Zambia
		National Research Institutes
8.	Mr Ivan Hiltpold Biologist	AgroScope, Switzerland
9.	Mr Syed Nurul Alam Principal Scientific Officer	BARI-Bangladesh, Bangladesh

10.	Mr Sujay Rakshit, Director	ICAR-Indian Institute of Maize Research, PAU Campus, Ludhiana, Punjab (India)
11.	Mr Wang Zhenying Professor, Department of Agricultural Insects	Chinese Academy of Agriculture Science (CAAS), Beijing, China
12.	Mr Ivan Cruz Senior Researcher (Entomology)	Brazilian Agriculture Research Corporation (EMBRAPA), Brasília, Brazil
13.	Mr Carlos Blanco Senior entomologist	United States Department of Agriculture (USDA/ARS), Washington, D.C., United States of America
		Academia
14.	Mr Greg Neussly Professor, Director of the Everglades Research and Education Center	University of Florida, Belle Glade, United States of America
15.	Mr Ken Wilson Professor	Lancaster University - Insect & Parasite Ecology Group – iPEG, Lancaster, United Kingdom
16.	Mr Juan Ferre Professor, Genetics	University of Valencia, Valenica, Spain
17.	Mr Johnnie Van Den Berg Professor; Program Manager: Integrated Pest Management	North-West University, South Africa
18.	Mr David Hughes Associate Professor of Entomology and Biology	Penn State University, Pennsylvania, United States of America
19.	Ms Vera Ros Assistant Professor	Wageningen University & Research, Wageningen, Netherlands
20.	Mr Stephan Winter Head of Department Plant viruses	Leibniz-Institut DSMZ, Braunschweig, Germany
21.	Mr Paul Jepson Director of Technical Operations	Oregon State University, Corvallis, United States of America

		NGOs/Civil Society
22.	Ms Sheila Willis Head of International Programmes	Pesticide Action Network (PAN UK), Brighton, United Kingdom
23.	Mr Mel Oluoch Regional Director	SASAKAWA Africa Association, Kenya
24.	Mr Emmanuel Okogbenin Director of Technical Operations	African Agricultural Technology Foundation, Nairobi, Kenya
		Private Sector
25.	Mr Hans Mattaar Technical Director	AgroCare, Brussels, Belgium
26.	Mr Andrew Ward Stewardship Director	Crop Life International, Brussels, Belgium
27.	Ms Roma Gwynn Vice-President	IBMA International Bio-pesticides Manufacturers Association, Brussels, Belgium
		Development Partners
28.	Mr Robert Bertram Chief Scientist, Chair of Technical Committee	United States Agency for International Development (USAID), Washington, D.C., United States of America
29.	Mr Chris Dale Assistant Director	Plant Health Surveillance and Diagnostics Program Plant Health Policy Branch, Biosecurity Plant Division Australian Department of Agriculture, Water and Environment
30.	Ms May-Guri Sæthre	Norwegian Institute of Bioeconomy Research (NIBIO), residing in Ibadan, Nigeria
31.	Mr Hatem Fellah Principal agronomist	African Development Bank (AfDB), Regional Bureau, Dakar, Senegal
32.	Ms Dorothee André Deputy Head of Unit - Plant health and biotechnology	European Commission (EC), Brussels, Belgium

33.	Mr Hanns Krebs	European Commission (EC), Brussels, Belgium
34.	Ms Panagiota Mylona	European Commission (EC), Brussels, Belgium
		Food and Agriculture Organization of the United Nations (FAO) Participation
35.	Mr Bukar Tijani Assistant Director-General	FAO
36.	Mr Rémi Nono Womdim Deputy Director	Plant Production and Protection Division (AGP)
37.	Ms Elisabetta Tagliati Chief Technical Advisor	Plant Production and Protection Division (AGP)
38.	Mr Baogen Gu Senior Agricultural Officer and Team Leader	Plant Production and Protection Division (AGP)
39.	Mr Jingyuan Xia Secretary	International Plant Protection Convention (IPPC) Secretariat
40.	Ms Sarah Brunel, Implementation Officer	International Plant Protection Convention (IPPC) Secretariat
41.	Mr Zhongxin Chen Senior Information Technology Officer	Information Technology Division (CIO)
42.	Mr Niccolo Lombardi, Early Warning Early Action Specialist	Agricultural Development Economics Division (ESA)
43.	Mr Mario Zappacosta Senior Economist	Trade and Markets Division (EST)
44.	Mr Dominique Burgeon SP5 Leader	Strategic Programme (SP) 5
45.	Ms Rosanne Marchesich Senior Emergency and Rehabilitation Officer	Emergency and Resilience Division (PSE)

46.	Mr Neil Marsland Senior Technical Officer	Emergency and Resilience Division (PSE)
47.	Ms Dongxin Feng, Head, Capacity Development and Academia Unit	Partnerships Division (PSP)
48.	Mr Kazuki Kitaoka Senior Policy Officer	Business Development and Resource Mobilization Division (PSR)
49.	Mr Chado Tshering Programme Officer	Office for Small Island Developing States (SIDS), Least Developed Countries (LDCs) and Land-locked Developing Countries (LLDCs) (OSL)
50.	Ms Bruna Takara South-South Cooperation Specialist	Office of South-South and Triangular Cooperation (OSS)