Concept Note
The Third Regional Expertise Training Workshop on Pest Surveillance
GCP/RAS/286/ROK
Phnom Penh, Cambodia, November 11 - 14, 2014

1. Background

Based on the training schedule agreed among participating countries at the Project Inception Workshop, the third regional expertise training workshop on pest surveillance is going to be held in Cambodia as a hosting country in November 2014.

The training workshop will focus on technical and practical survey and identification on "fungi" as a subsequent subject to "fruit-fly" and "stored product insect pest" adressed in the 2nd expertise training workshop.

About thirty participants including 25 trainees from six participating countries are expected to take part in the workshop.

2. Outputs

The outputs of the workshops are as follows;

2.1. The specific knowledge and skills on "fungi" pest survey and identification for NPPO trainees from participating countries would be improved through related lectures, field trip and lab practices.

2.2. Trainees' operational skill in handling the laboratory equipment would be improved through practice activities.

2.3. Relevant information among participants on surveillance activities for "fungi" would be exchanged through the country report and discussion session.

2.4. Trainees' knowledge acquired from the workshop would be assessed through the expertise test

3. Workshop venue and date

The regional expertise training workshop will be held at Hotel Cambodiana in Phnom Penh, Cambodia on November 11- 14, 2014.

4. Expected participants

Approximately, 30 participants are expected as follows;

4.1. About 25 trainees from 6 participating countries

4.2. 2 experts as lecturers from Korea

4.3. FAO-RAP (Project Coordinator, Plant Protection Officer, FAO-Cambodia Officer)

5. Agenda of the workshop

Workshop will be conducted in English and the draft agenda will be as follows;

5.1. Lecture Session

5.1.1. Importance of fungal diseases

5.1.2. Characters and Taxonomy of Fungi

5.1.3. Major Symptoms of fungal diseases

5.1.4. Country Report on Plant Diseases caused by Fusarium in Thailand

5.1.5. Importance and Identification of *Fusarium* species

5.1.6. Importance and Identification of *Colletotrichum* species

5.2. Lecture and Practice Session

5.2.1. Importance and Identification of *Alternaria* species

5.2.2. Fungal herbarium techniques

5.2.3. Isolation and Incubation of Fungi

5.2.4. Importance and Identification of *Bipolaris* species

5.2.5. Importance and Identification of *Curvularia* species

5.3. Field Trip for On-site Practice and Collection of Diseased Plant Material

5.4. Discussion Session

5.4.1. What are main fungus diseases with country concern (either existing diseases for exporting commodities or potential risk of introduction)

5.4.2. List of current or potential domestic technical supporting resource agencies for the surveillance and identification concerned.

5.5. Training Workshop Assessment

5.5.1. Appraisal on workshop implementation

5.5.2. Expertise test

Draft Agenda for Regional Workshops on Pest Surveillance

Day-1 (Nov. 11, 2014)

Time	Session	Facilitator
09:00 – 09:30	Registration	
Opening Session		
09:30 - 09:45	Welcome remark	Project Coordinator
09:45 - 10:00	Group photo and Coffee break	
Session 1: Lecture (1)		
10:00 - 12:00	Importance of fungal diseases(L)	Dr. Ik-Hwa Hyun
12:00 - 13:30	Lunch	
13:30 – 14:30	Characters and taxonomy of fungi(L)	Dr. Ik-Hwa Hyun Dr. Seung-Hun Yu
14:30 – 15:30	Major symptoms of fungal diseases(L)	
15:30 – 17:30	Importance and identification of *Alternaria* species (L/PT)	
18:30 - 20:30	***Welcome Party***	

Day-2 (Nov. 12, 2014)

Time	Session	Facilitator
Session 2: Field Trip		
09:00 – 17:00	Field trip (on-site practice for fungal diagnosis and collection of diseased plant material)	NPC of Cambodia, Dr. Ik-Hwa Hyun Dr. Seung-Hun Yu

Day-3 (Nov. 13, 2014)

Time	Session	Facilitator
Session 3: Lecture (2)		
08:30 – 10:30	Fungal herbarium techniques (L/PT)	Dr. Ik-Hwa Hyun Dr. Seung-Hun Yu
10:30 – 11:30	Isolation and Incubation of Fungi(L/PT)	
11:30 – 12:00	Plant Diseases Caused by Fusarium in Thailand	Dr. Apirusht
12:00 – 13:30	Lunch	
13:30 – 15:30	Importance and Identification of *Bipolaris* species (L/PT)	Dr. Ik-Hwa Hyun Dr. Seung-Hun Yu
15:30 – 15:50	Coffee Break	
15:50 – 16:50	Importance and Identification of *Curvularia* species (L/PT)	Dr. Ik-Hwa Hyun Dr. Seung-Hun Yu
16:50 – 17:50	Importance and Identification of *Fusarium* species (L)	

Day-4 (Nov. 14, 2014)

Time	Session	Facilitator
08:30 - 09:30	Importance and Identification of *Colletotrichum* species (L)	Dr. Ik-Hwa Hyun
Session 4: Discussion Session		
09:30 – 11:00	- What are main fungus diseases with country concern (either existing diseases for exporting commodities or potential risk of introduction) - List of current or potential domestic technical supporting resource agencies for the surveillance and identification concerned.	
Session 5: Training Assessment		
11:00 - 11:30	- Appraisal on workshop implementation - Expertise test	Project Coordinator
Session 6: Closing		
11:30 – 11:50	Closing remark	Project Coordinator

(L): Lecture, (PT): Practice Training