



The **International Seed Testing Association** (ISTA), the **Asia and Pacific Seed Association** (APSA) and the **Food and Agriculture Organization of the United Nations** (FAO) have great pleasure to announce the

ISTA/ APSA/ FAO Training Course on Seed Health Testing

**19- 23 February 2007
Manila, Philippines**

Hosted by the Bureau of Plant Industry, National Seed Quality Control Services (BPI-NSQCS), Manila, Philippines.

Targeted towards: Employees in seed production and/or seed health testing in government organisations or private seed companies in the Asia Pacific region.

Objectives:

- To provide participants with the knowledge and skills to effectively assess seed health aspects
- understand better seed health assessment system,
- improve the present system to meet international standards
- provide hands-on experience to technicians and seed testing technologies
- implement and strengthen cooperation
- information exchange in field of seed health testing in the region

Qualifying criteria: Technicians with basic knowledge/ experience in seed health testing.

Fees: Successful selected participants will be sponsored
(include: 5 nights' accommodation and meals during the course)

Participants are responsible for their own travel expenses and travel arrangements

Registration: maximum 20 participants

Submit completed **registration form (attached below)** and a **short curriculum vitae** about your related job experience.

Deadline: **5 February 2007**

ISTA and APSA members will be given priority

Lectures and practical work:

Dr. Steven Roberts, Horticultural Research Institute, United Kingdom
Dr. Rick Mumford
Ms. Jane Bartolini
Ms. Merle Palacpac

Workshop Agenda

Day 1

Monday, 19.2.2007

Start	End	Topic
08:00	09:00	Registration
09:00	09:30	Welcome (NSQCS, APSA) and address by Secretary of Agriculture
09:30	10:15	Lecture: Introduction to ISTA and Seed Health Testing
10:15	10:30	Detection of Bacteria in seed
10:30	11:00	Break
11:00	12:00	Practical 1: Set-up Brassica/Xcc test
12:00	13:30	Lunch
13:30	15:30	Practical 1 cont. – plant inoculations, diluting and plating
15:30	16:00	Break
16:00	17:00	Practical 2: Carrots/Xhc Record and sub. plates

Day 2

Tuesday, 20.2.2007

Start	End	Topic
09:00	10:00	Lecture: Statistics and sampling in seed health testing
10:00	10:30	Lecture: Seedborne fungi
10:30	11:00	Break
11:00	12:30	Practical 3: Blotter test for <i>Alternaria padwickii</i> and <i>Drechslera oryzae</i> or <i>Pyricularia oryzae</i> / rice
12:00	13:30	Lunch
13:30	15:30	Practical 4: Blotter test for <i>Alternaria spp.</i> / carrots
15:30	16:00	Break
16:00	17:00	Practical 2 cont.: Carrots/Xhc - set up PCR
19:00	22:00	Official Dinner

Day 3

Wednesday, 21.2.2007

Start	End	Topic
09:00	09:30	Lecture: Regional issues - new and priority seedborne pathogens or developments in policy
09:30	10:30	Lecture/Practical 5: Introduction to Virology and Detection of viruses - ELISA I
10:30	11:00	Break
11:00	12:00	Lecture/Practical 5: Detection of viruses - ELISA II (tomato, lettuce, pea)
12:00	13:00	Lunch
13:00	18:00	Visit to IRR

Day 4**Thursday, 22.2.2007**

Start	End	Topic
09:00	09:45	Lecture: ISTA Seed Health Method Validation Programme
09:45	10:30	Practical cont.: Brassica/Xcc - record plates and sub-culture
10:30	11:00	<i>Break</i>
11:00	12:00	Practical 2: Carrots/Xhc - Examine PCR products. Practical 5: Detection of viruses
12:00	13:30	<i>Lunch</i>
13:30	15:30	Practical 5: Detection of Viruses
15:30	16:00	<i>Break</i>
16:00	17:00	Practical 6: Examination of plates for <i>Alternaria</i> carrots

Day 5**Friday, 23.2.2007**

Start	End	Topic
09:00	09:45	Lecture: Quality Assurance and ISTA Accreditation for Seed Health
09:45	10:30	Lecture: Regional issues - SPS requirements and harmonisation
10:30	11:00	<i>Break</i>
11:00	12:00	Practical 1 cont: Brassica/Xcc record plates and inoculations.
12:00	13:30	<i>Lunch</i>
13:30	15:30	Issues arising, general discussion
15:30	16:00	<i>Break</i>
16:00	17:00	<i>Closing session</i>

Local organisers:

Dr. Frisco M. Malabanan, Director, GMA Rice Program, Department of Agriculture
 Elliptical Road, Diliman 1100 Quezon City
 Phone: +632- 9252152/ 9293050
 Fax: +632- 9201849/ 9252151
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Mr. Henry T. Carpiso, Chief, National Seed Quality Control Services
 Visayas Avenue, Diliman 1100 Quezon City
 Phone: +632 920 0968
 Fax: +63 2 920 09 68
 Email: nsqcs_qc@yahoo.com

Accommodation:

SULO Hotel, Matalino Road, Diliman, Quezon City, Philippines 1101
www.sulohotel.com.ph

Arrangements will be made by local organisers

Accepted participants will be asked to provide their arrival and departure dates at their earliest convenience to facilitate the hotel booking.



ISTA/ APSA/ FAO

Training Course on Seed Testing

19 – 23 February 2007, Manila, The Philippines

APPLICATION FORM

Title ISTA member APSA member

Last Name First name

Position

Technical duties performed

.....

Company/Institution

Street/PO Box

Address

Postal code City Country

Phone # Fax #

E-mail

Accommodation will be needed: yes no

Curriculum vitae is enclosed.

Thank you for answering the questions. It will assist us in organising the course as well as in developing and promoting technical capacity building. (Please use an extra sheet if needed.)

- 1) What are your expectations from this course?
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- 2) Have you participated in similar Training Courses before? Specify?
.....
- 3) What are the technical activities carried out in your institute/centre?
.....
- 4) What instruments do you have for seed testing?
.....
- 5) Do you participate in any national, regional or international collaborations or networks?
.....

Submit form and your curriculum vitae to:

ISTA Secretariat, att. Branislava Opra
Zürichstrasse 50, 8303 Bassersdorf, Switzerland
email: ista.office@ista.ch Fax: +41 44 838 6001