

Potato Production Workshop with emphasis on seed production

Beijing-China, September 14-21, 2003

Potato production constraints in the ASEAN countries present lots of similarities. These constraints have been addressed in different ways by the countries' research and development institutions. The International Potato Center (CIP) has collaborated with several national institutions to address production issues such as diseases resistance, seed production, storage and marketing. Lots of gains could be obtained by sharing knowledge and experiences within the ASEAN context. This sharing could enhance the efficiency of the efforts made by each country as well as the cross-country efforts led by CIP. The proposed course is dedicated to this sharing of experience and knowledge. It could also lay the foundation for more efficient collaboration between CIP and the different countries as well as among the participating countries. The course is open to research and development scientists actively involved in potato-related activities. Knowledge of the English language is highly desirable.

CIP is fortunate to count on the financial and scientific support of the Rural Development Administration (RDA) of the Republic of Korea as well as the generous hospitality of the Peoples' Republic of China for the implementation of this training event.

Tentative program

September 14

Arrival of participants

September 15

am

Registration
Administrative matters
Inauguration
Introduction, objectives and course content
Activities to be developed
Break
Participants Introduction

CIP and the Potato in Asia

Yi Wang

Lunch

pm

Potato taxonomy and morphology
Eco-physiology of potato production

Bo-Fu Song

Fernando Ezeta

September 16

am

Potato breeding and Genetics
- General Principles
- Breeding for resistance to pests and diseases
- Breeding for quality improvement
- Breeding for improving agronomic traits
- GxE Interaction

Il-Gin Mok

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|------------------------|---|----------------|
| | Germplasm Introduction and Evaluation - Quarantine Requirements - Greenhouse Screening and Field Trials - Germplasm Exchange and Property Rights issues | Hui-Seng Sun |
| pm | Potato Diseases (fungal and bacterial) - Biology - Damage - Control | Kyoung-Yul Ryu |
| September 17 | | |
| am | Potato Viruses and Viroids - Biology - Damage - Control | Luis Salazar |
| pm | Potato Pests -Biology -Damage -Control | Ming Kown |
| September 18 | | |
| am | Seed Production - Formal and Informal Systems - Multiplication techniques - Positive and Negative Selection - Seed-Borne Diseases - Quality control - Seed storage - Physiological age | Fernando Ezeta |
| pm | Potato Agronomy: - Irrigation - Fertilization - Planting Density - Harvest - Growth Curves | Chong-Hua Xie |
| September 19 | | |
| am/pm | Field trip Laboratory Greenhouse Field Plots | |
| September 20-21 | | |
| | Return to Beijing Departure of participants | |



ASEAN Potato Course

Sponsored by the People's Republic of China, the Rural Development Administration (RDA) of the Republic of Korea and the International Potato Center (CIP)

Beijing, 14 – 21 September 2003

Registration Form

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|---|--|
| Full Name | |
| Position | |
| Institution / Organization | |
| Working address | |
| Telephone | |
| Fax | |
| E-mail | |
| Name and position of the person authorizing you to register for this course: | |
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| Describe briefly your activities in relation to potato research and development in your country and institution: |
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| Can you secure partial or total funding for your participation? If so, please indicate the amount and the source. |
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This form should be sent to: Dr. Yi Wang, CIP Liaison Scientist in China (e-mail: cip-china@cgiar.org) before August 14, 2003.