# Program

## 25 February 2014 (Tuesday)

**Opening Session (Plenary)**  
*Venue: Grand Ballroom B*

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<td>08:30</td>
<td>Introduction to Symposium and Logistics</td>
<td>Sheila de Lima, AVRDC – The World Vegetable Center</td>
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<td>08:40</td>
<td>Inaugural Remarks</td>
<td>Prem Nath, Former Assistant Director-General, Food &amp; Agriculture Organization (FAO) Chairperson, Vegetable Science International Network (VEGINET), Karnataka State, India</td>
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<td>08:50</td>
<td>Welcome Remarks</td>
<td>Ananta Dalodom, President, Horticultural Science Society of Thailand</td>
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<td>09:00</td>
<td>Welcome Address</td>
<td>Poonpipope Kasemsap, Vice President, International Relations</td>
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<td>09:10</td>
<td>Symposium Report</td>
<td>Dumrong Jirasutetas, Director General, Department of Agriculture, Bangkok, Thailand</td>
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<td>09:20</td>
<td>Inaugural Address</td>
<td>Hiroyuki Konuma, Assistant Director-General and Regional Representative</td>
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<td>09:40</td>
<td>Inaugural Speech</td>
<td>Chavalit Chookajorn, Permanent Secretary, Ministry of Agriculture and Cooperatives, Thailand</td>
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<td>10:00</td>
<td>VEGINET International Award</td>
<td>for the Outstanding International Vegetable Scientist of the Year</td>
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<td>10:10</td>
<td>Group Photo</td>
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<td>10:20</td>
<td>Opening of Poster Session</td>
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<td>10:30</td>
<td>Coffee / Tea Break</td>
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</table>
10:50-11:10  **Keynote Speech**  
*Southeast Asian vegetable production – A vision for the next 40 years to bring prosperity to the poor and health for all*  
Jacqueline d’Arros Hughes  
*Deputy Director General - Research*  
*AVRDC – The World Vegetable Center, Shanhua, Taiwan*

11:10-11:30  **Keynote Speech**  
*The role of private seed companies in the development of small scale farming systems*  
Joost Pekelharing  
*President of East West Seed Group*  
*East West Seed International limited, Bangkok, Thailand*

11:30-11:50  **Keynote Speech**  
*Vegetable production in Asia: Innovation, involvement, income and impact*  
Subash Dasgupta  
*Senior Plant Protection Officer*  
*FAO Regional Office for Asia and the Pacific, Bangkok, Thailand*

11:50-12:00  **Open Forum**

12:00-13:30  **Lunch Break**

**Masters of Ceremony:**

**Sheila Aclo de Lima**  
*Administrative and Training Officer, AVRDC – The World Vegetable Center, Bangkok, Thailand*

**Orathai Wongmetha**  
*Department of Agriculture, Bangkok, Thailand*
Session 1: Small-Scale Farming Systems

Venue: Grand Ballroom B
Chair: Christian Genova II
Consultant, Agricultural Economics, Philippines

13:30-13:50 Session Opening Speech
The CGIAR research program on integrated systems for the humid tropics in Southeast Asia
Victor Afari-Sefa
Global Theme Leader – Consumption and Head of Socioeconomics
Research and Monitoring and Evaluation Group
AVRDC - The World Vegetable Center Eastern and Southern Africa, Arusha, Tanzania

13:50-14:05 Healthier families, wealthier farmers: Vegetable growing benefit to indigenous peoples in Northeastern Cambodia
Annick Schubert
Project Manager Annûdya, Ratanakiri, Cambodia

14:05-14:20 Evaluation of xiao bai cal (Brassica chinensis) varieties for cultivation in Singapore
S.L. Fong
Horticulture Technology Department, Agri-Food & Veterinary Authority of Singapore

14:20-14:35 Questions & Answers

14:35-14:50 Effect of drip irrigation and mulching on yield, water use efficiency and economics of tomato
S.K. Biswas
Irrigation and Water Management Division, Bangladesh Agricultural Research Institute, Bangladesh

14:50-15:05 Quality vegetable production through fertigation system
Md. Abdur Razzaque Akanda
Irrigation and Water Management Division, Bangladesh Agricultural Research Institute, Gazipur, Bangladesh

15:05-15:20 Growth and yield of corn as affected by different row inter cropping patterns with indeterminate tomato in Southeastern Ifugao, Philippines
Lydia C. Medina
College of Agriculture and Forestry, Ifugao State University, Ifugao, Philippines

15:20-15:30 Questions & Answers

15:30-16:00 Coffee/Tea Break

16:00-16:15 Integrated homestead farming and nutrition: Bangladesh experience
Lalita Bhattacharjee
Food and Agriculture Organization, Dhaka, Bangladesh

16:15-16:30 Optimizing home yard spaces for integrated vegetable production: A case study of Bali, Indonesia
Ida Bagus Surawan
Assessment Institute for Agricultural Technology of Bali, Bali, Indonesia
16:30-16:45  Trained Master Gardeners Promoting Vegetable Production in Urban Households and Schools
Lala A. Kumar
University of Missouri Extension, USA

16:45-17:00  Questions & Answers

17:00-17:15  Growth and yield of pechay (Brassica chinensis) applied with different rates of vermicast
Susana A. Edwin
Abra State Institute of Sciences and Technology Main Campus, Lagangilang, Abra, Philippines

17:15-17:30  Indigenous vegetables, fishes and shells integrated in the native rice farming systems in the province of Ifugao
Teresita D. Allig
Ifugao State University, Ifugao, Philippines

17:30-17:45  Questions & Answers

19:00-21:00  Welcome Dinner
Session 2: From Seed to Harvest
Parallel session 2a: Germplasm and breeding

Venue:   Ladprao 1

Chair: Robert de la Peña
       Head, R&D Operations and Product Development
       East-West Seed International Ltd.

13:00-13:20  Session Opening Speech
Identifying objectives for breeding improved vegetable varieties: hard but vital choice
Prem Nath
Former Assistant Director-General, FAO
Chairman, Prem Nath Agricultural Science Foundation (PNASF), Bangalore, India

13:20-13:35  Genotype x environment interaction and stability analysis of yield and components traits in French bean (Phaseolus vulgaris L.)
Akhilesh Sharma
Department of Vegetable Science and Floriculture, CSK Himachal Pradesh Agricultural University, Palampur, India

13:35-13:50  Screening for high beta carotene and lycopene in tomato
Ratchanee Siriyan
Sisaket Horticultural Research Center, Sisaket, Thailand

13:50-14:05  Questions & Answers

14:05-14:20  The selection of onion varieties in off-season production
Orathai Wongmetha
Chiang Mai Royal Agricultural Research Center, Department of Agriculture, Chiang Mai, Thailand

14:20-14:35  Varietal evaluation, on-farm trials and seed production of organic vegetables in Central Luzon, Philippines
Arturo O. Manipon
Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines

14:35-14:50  Performance studies of different oriental pickling melon (Cucumis melo var. Conomon) genotypes under northern dry zone of Karnataka
Vasant M. Ganiger
College of Horticulture, Department of Vegetable Science, University of Horticultural Sciences, Bagalkot, India

14:50-15:00  Questions & Answers

15:00-15:30  Coffee/Tea Break

15:30-15:45  Preliminary evaluation of resistance to powdery mildew (Podosphaera xanthii) in AVRDC collections of bitter gourd (Momordica charantia L.)
Narinder P.S. Dhillon
AVRDC - The World Vegetable Center, Thailand
15:45-16:00 Induction of powdery mildew resistance in garden pea (Pisum sativum) using mutagenesis
Akhilesh Sharma
Department of Vegetable Science and Floriculture, CSK Himachal Pradesh Agricultural University, Palampur, India

16:00-16:15 Seeds and insecurity, reducing Malaysia’s dependence on seed importation
Aaron Thomas Myatt
Crops for the Future Research Centre(CFFRC), Selangor, Malaysia

16:15-16:30 Questions & Answers

16:30 -16:45 Development of squash varieties (Curcubita moschata Duchesne) for organic production system
Rodel G. Maghirang
Crop Science Cluster - Institute of Plant Breeding, College of Agriculture, University of the Philippines Los Baños, Laguna, Philippines

16:45 -17:00 Collection, evaluation and conservation of amaranthus germplasm
M. Padma
Vegetable Research Station, Dr. Y.S.R Horticultural University, Hyderabad, India

17.00-17.15 Genetic diversity studies in paprika germplasm (Capsicum annuum L.)
Boga Neeraja Prabhakar
Acharya N. G. Ranga Agricultural University, India

17:15-17:30 Questions & Answers

19:00-21:00 Welcome Dinner
Session 2: From Seed to Harvest
Parallel session 2b: Sustainable production

Venue: Ladprao 2
Chair: Mohamad Roff Mohd. Noor
Pest and Diseases Management Division
Malaysian Agricultural Research and Development Institute (MARDI)
Serdang Selangor, Malaysia

13:00-13:20 Session Opening Speech
Food and nutrition security related to vegetable production in Laos and future perspectives of Lao PDR, the Particular case in Vientiane Municipality
Linkham Douangsavanh
Deputy Director General
National Agriculture and Forestry Research Institute (NAFRI), Ministry of Agriculture and Forestry, Vientiane, Lao PDR

13:20-13:35 Integrating biocides with chemical pesticides to manage legume pod borer (Maruca vitrata) on yard-long bean in Lao PDR and Vietnam
Srinivasan Ramasamy
AVRDC – The World Vegetable Center, Shanhua, Tainan, Taiwan

13:35-13:50 Year round vegetables production and quick growing fruit trees in home stead
Khan ASM MR
On-Farm Research Division, Bari, Gazipur, Bangladesh

13:50-14:05 Questions & Answers

14:05-14:20 Pilot experiences of area-wide promotion and adoption of fruit fly Integrated Pest Management Farmer Field Schools in lower Mekong River Basin countries
Prabhat Kumar
Asian Center of Innovation for Sustainable Agriculture Intensification (ACISAI), Asian Institute of Technology, Pathum Thani Thailand

14:20-14:35 Effect of organic matter application, conservative tillage and reduced chemical fertilizer use on vegetable yield and soil organic carbon content on a volcanic ash soil in west Java, Indonesia
Tomohide Sugino
Japan International Research Center for Agricultural Sciences, Tsukuba, Japan

14:35-14:50 Production and utilization of organic inputs using beneficial microorganisms
Gloria Y. Ponciano
Tarlac College of Agriculture, Romulo, Camiling, Philippines

14:50-15:00 Questions & Answers

15:00-15:30 Coffee/Tea Break

15:30-15:45 Adoption, yield and profitability of tomato grafting technique in Vietnam
Christian A. Genova II
Consultant, ICF-GHK CONSULTING, Rebel Group, Philippines

15:45-16:00 Effect of trichoderma on horticultural crop cultivation
Ika Okhtora Angelia
Politeknik Gorontalo Jalan Sapta Marga Desa Panggolo Barat Kecamatan, Indonesia
16:00-16:15  **Substitution of chemical fertilizer with vermicompost and its influence on production potential of cabbage** (*Brassica oleracea L. var. capitata*)
Chinanshuk Ghosh
*Agricultural and Food Engineering Department, Indian Institute of Technology Kharagpur, India*

16:15-16:30  Questions & Answers

16:30-16:45  **Biological control agent** (*Metarhizium anisopliae*) **against flea beetles on pechay**
Eusebia R. Pagluanan
*Abra State Institute of Sciences and Technology Main Campus, Philippines*

16:45-17:00  **Yield and quality parameters of Bydagi chilli as influenced by nitrogen substitution and bio rational spray schedules**
M. Shivaprasad
*Department of Agronomy, University of Agricultural Sciences, Krishinagar, Karnataka India*

17:00-17:15  Questions & Answers

19:00-21:00  **Welcome Dinner**
Session 3: From Harvest to Table

Venue: Ladprao 3
Chair: Gek Hoon Khoo
Director, Post-Harvest Technology Department
Agri-Food & Veterinary Authority

13:00-13:20 Session Opening Speech:
Linking vegetable growers to organized retail markets: the experience in India
P.G. Chengappa
National Professor of Indian Council of Agricultural Research (ICAR), Institute for Social and Economic Change, Bangalore, India

13:20-13:35 Participatory guarantee system (PGS) - the new way to achieve safe vegetables in farming context of Vietnam
Nguyen Thi Ha
Centre of Agrarian Systems Research and Development, Vietnam Agriculture Academic of Sciences, Ha Noi, Vietnam

13:35-13:50 Mapping vegetables - Understanding the food system of greater Bangkok, Thailand - A web-based collaborative research environment
Axel W. Drescher
Department of Environmental Social Sciences and Geography, University of Freiburg, Freiburg, Germany

13:50-14:05 Questions & Answers

14:05-14:20 Farmer’s market in developing and developed countries
Prem Nath
Former Assistant Director General, Food & Agriculture Organization (FAO)
Chairperson, Vegetable Science International Network (VEGINET), Karnataka State, India

14:20-14:35 From harvest to table: Enabling informed nutrition choices and greater access to nutritious vegetables in southern Bangladesh
Richard Rose
International Development Enterprises (IDE), Dhaka, Bangladesh

14:35-14:50 Effectiveness of Ca-salts in reducing HCN content of Jack bean legume seed (Canavalia ensiformis) and its products
Arpah M
Department of Food Science & Technology, Bogor Agricultural University, Bogor, Indonesia

14:50-15:00 Questions & Answers

15:00-15:30 Coffee/Tea Break

15:30-15:45 Nutrient composition and sensory evaluation of drumstick (Moringa oleifera, Lam) leaf products
Bhuvaneswari G
College of Horticulture, University of Horticultural Sciences, Karnataka, India

15:45-16:00 Farm profitability and value chain management: Case study from India
K.C. Siva Balan
Department of Agricultural Extension and rural Sociology, AD AC & RI Trichy, Tamil Nadu, India
16:00-16:15  **From harvest to table: Enabling higher value production in vegetable supply chains through market-based interventions in the coastal chars of southern Bangladesh**  
MD. Nurul Amin  
*International Development Enterprises (IDE), Dhaka, Bangladesh*

16:15-16:30  Questions & Answers

16:30-16:45  **Survey and evaluation of tomato storage practices in Ilocos province, Philippines**  
Marissa I. Atis  
*Mariano Marcos State University, Ilocos Norte, Philippines*

16:45-17:00  **Characteristics and performance of tomato industry in Indonesia**  
Kuntoro Boga Andri  
*Assessment Institute for Agricultural Technology (BPTP), East Java, Indonesia*

17:00-17:15  Questions & Answers

19:00-21:00  **Welcome Dinner**
# Session 4: Cross-sectoral issues

**Venue:** Ladprao 4  
**Chair:** Jintana Yhong-Aree, Institute of Nutrition, Mahidol University, Salaya, Nakhon Pathom, Thailand

**13:00-13:20 Session Opening Speech:**
**Lessons learned from implementing nutrition-sensitive agriculture as a platform to improve nutrition and household food security**  
Nancy J. Haselow  
*Vice President Asia-Pacific, Helen Keller International, Asia Pacific Regional Office, Phnom Penh Cambodia*

**13:20-13:35 Building capacities and strengthening market integration of small-scale farming systems through a demand-driven approach to technology transfer**  
Stuart Morris  
*East-West Seed International Limited, Yangon, Myanmar*

**13:35-13:50 Plant factories**  
Mike Nichols  
*Massey University, New Zealand*

**13:50-14:05 Questions & Answers**

**14:05-14:20 Research and development on vegetables and mushrooms project of Thailand Department of Agriculture**  
Grisana Linwattana  
*Horticulture Research Institute, Department of Agriculture, Bangkok, Thailand*

**14:20-14:35 Role of vegetables in rising food prices in India and its impact on the stakeholders**  
B. Singh  
*Indian Institute of Vegetable Research, Varanasi, India*

**14:35-14:50 The impact of new developments in small-scale vegetable production and marketing systems on food security and nutrition level of Sri Lanka**  
T.A. Dharmaratne  
*Hector KobbeKaduwa Agrarian Research and Training Institute, Colombo, Sri Lanka*

**14:50-15:00 Questions & Answers**

**15:00-15:30 Coffee/Tea Break**

**15:30-15:45 Improving vegetable small farm with marketing partnership**  
Sri Hery Susilowati  
*Indonesian Center for Agricultural Socio Economic and Policy Studies, Ministry of Agriculture, Bogor, Indonesia*

**15:45-16:00 Women in vegetable production: A way to empowerment**  
B. Singh  
*Indian Institute of Vegetable Research, Varanasi, India*

**16:00-16:15 Potential for diversity in tomato pigments for enhancing nutritive quality**  
Priyanka Biswas  
*Department of Vegetable Crops, Bidhan Chandra Krishi Viswavidyalaya, West Bengal, India*

**16:15-16:30 Questions & Answers**
26 February 2014 (Wednesday)

Session 1: Small-Scale Farming Systems

Venue: Grand Ballroom B

Chair: Christian Genova II
Consultant, Agricultural Economics, Philippines

08:30-08:45 An agronomic and economic study of rain shelter application for tomato production during hot season in East Java, Indonesia
Evy Latifah
Assessment Institute for Agricultural Technology (BPTP) East Java, Indonesia

08.45-09.00 Role of vegetables for solving the micronutrient deficiency (the hidden hunger) in Bangladesh
Rahim MA
Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

09.00–09.15 Questions & Answers

09.15–09.30 Improving supply chain for high value vegetable in Indonesia: The case of vegetable production system by smallholders in East Java
Kuntoro Boga Andri
Assessment Institute for Agricultural Technology (BPTP) East Java, Indonesia

09.30–09.45 Economic and marketing of commercial vegetables in Barangay Banao, Bauko Mountain Province
Noel T. Depalog
Mountain Province State Polytechnic College, Bontoc, Philippines

09.45–10.00 Questions & Answers

10.00–10.30 Coffee/Tea Break

10.30-10.45 Establishment of model home garden targeting poor women household and HIV victim members in per-urban area
Habtamu Nibret
Amhara Agricultural Research Institute, Adet Agricultural Research Center, Bahir Dar, Ethiopia

10.45-11.00 Studies in response of onion (Allium cepa L.) to various levels and sources of sulphur
S. Chattopadhya
Bidhan Chandra Krishi Viswavidyalaya, West Bengal, India

11.00–11.15 Questions & Answers

12.00–13.30 Lunch break
Session 2: From Seed to Harvest
Parallel session 2a: Germplasm and breeding

Venue: Ladprao 1
Chair: Robert de la Peña
Head, R&D Operations and Product Development
East-West Seed International Ltd.

08:30-08:45 Developing methods to screen for heat tolerance in sweet peppers (Capsicum annuum L.)
Hsueh-ching Shieh
AVRDC - The World Vegetable Center, Shanhua, Tainan, Taiwan

08:45-09:00 Seed health: Innovations and best practices from the private sector
Prem Mehta
East West Seed International Limited, Bangkok, Thailand

09:00–09.15 Questions & Answers

09.15–09.30 Spine gourd: The golden vegetable of western Ghats
N. Basavaraja
College of Horticulture, Sirsi, University of Horticultural Sciences, Karnataka, India

09.30–09.45 Minerals content of yam (Dioscorea spp.) tuber parts during its growing process
Kouadio Claver Degbe
Research Institute in Environment Protection of Abidjan, Côte d’Ivoire

09.45–10.00 Questions & Answers

10.00–10.30 Coffee/Tea Break

10.30-10.45 Evaluation of Turkish tomato lines on high temperature condition
Atilla Ata
Alata Horticultural Research Station, Erdemli/ Mersin, Turkey

10.45-11.00 Introgression of begomovirus and early blight resistance genes from Solanum habrochaites LA-1777
A.T. Sadashiv
Indian Institute of Horticultural Research, Bangalore, India

11.00–11.15 Questions & Answers

11.15–11.30 Breeding for virus resistance in squash
Rodel G Maghirang
Crop Science Cluster-Institute of Plant Breeding, College of Agriculture,
University of the Philippines Los Baños, College, Laguna, Philippines

11.30–11.45 Ethnobotany, conservation and promotion of indigenous vegetables in Ilocos Norte, Philippines
Menisa A. Antonio
Research and Development Directorate, Mariano Marcos State University,
City of Batac, Ilocos Norte, Philippines

11.45–12.00 Questions & Answers
## Session 2: From Seed to Harvest
### Parallel session 2b: Sustainable production

**Venue:** Ladprao 2  
**Chair:** Mohamad Roff Mohd. Noor  
*Pest and Diseases Management Division, Malaysian Agricultural Research and Development Institute (MARDI), Serdang Selangor, Malaysia*

- **08:30-08:45**  
  **Organic vegetables in Asia**  
  Ralph Houtman  
  *FAO Regional Office for Asia and the Pacific, Bangkok, Thailand*

- **08.45-09.00**  
  **Managing soil-borne and virus diseases in cucurbits through eco-friendly approaches**  
  O. P. Dutta  
  *Research and Development Unit, Namdhari Seeds Pvt. Ltd., Karnataka, Bangalore, India*

- **09.00–09.15**  
  Questions & Answers

- **09.15–09.30**  
  **Protected cropping in vegetables**  
  Mike Nichols  
  *Massey University, New Zealand*

- **09.30–09.45**  
  **Sprouts and microgreens - a homestead vegetable production option to enhance food and nutrition security in the rural-urban continuum**  
  Andreas W. Ebert  
  *AVRDC - The World Vegetable Center, Shanhua, Tainan, Taiwan*

- **09.45–10.00**  
  Questions & Answers

- **10.00–10.30**  
  Coffee/Tea Break

- **10.30–10.45**  
  **Management strategies evaluation for the control of the leafhopper, Amrasca biguttula and associated insect pests attacking Hibiscus esculentus L. for export sustainability of green okra**  
  Manuelo V. Agsaoay  
  *Tarlac College of Agriculture, Camiling, Tarlac, Philippines*

- **10.45–11.00**  
  **Effects of accumulation of lead and macro-nutrient content of vegetables planted in an urban area in Ibadan, Nigeria**  
  Olubunmi O. Fadina  
  *Department of Crop Protection and Environmental Biology, University of Ibadan, Nigeria*

- **11.00–11.15**  
  Questions & Answers

- **11.15–11.30**  
  **The organic agriculture food chain of Camarines Sur, Bicol, Philippines**  
  Ma. Cresilda Caning  
  *Central Bicol State University of Agriculture, Bicol, Philippines*

- **11.30–12.00**  
  Questions & Answers

- **12.00–13.30**  
  Lunch break
Session 3: From Harvest to Table

Venue: Ladprao 3

Chair: Gek Hoon Khoo  
Director, Post-Harvest Technology Department  
Agri-Food & Veterinary Authority

08:30-08:45 Status of post-harvest losses and consumer level waste in vegetable supply chains in Asia: Their Impact on food security  
Rosa S. Rolle  
FAO Regional Office for Asia and the Pacific, Bangkok, Thailand

08.45-09.00 Improving the value chain and linking the market for vegetable growers in Bangladesh  
Rahim M.A.  
Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

09.00–09.15 Questions & Answers

09.15–09.30 Vegetables to go school in Southeast Asia and Africa: Training of Trainers Workshop design and implementation  
Usha Palaniswamy  
AVRDC - The World Vegetable Center, Shanhua, Tainan, Taiwan

09.30–09.45 Healthy diets for better nutrition  
Nomindelger Bayasgalanbat  
FAO Regional Office for Asia and the Pacific, Bangkok Thailand

09.45–10.00 Questions & Answers

10.00–10.30 Coffee/Tea Break

10.30-10.45 Selection of cassava (*Manihot esculenta* Crantz) accession and processing of leaf for use as a protein rich vegetable in Bangladesh  
Fakir S.A.  
Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

10.45–11.00 Moringa - an indigenous high value vegetable crop can play a great role in nutrition and poverty alleviation in Bangladesh  
Rahim M.A.  
Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

11.00–11.15 Questions & Answers

12.00–13.30 Lunch break
Session 5: Enabling policies

Venue: Ladprao 4

Chair: Grisana Linwattana,
Senior Research Scientist
Horticulture Research Institute, Department of Agriculture, Bangkok, Thailand

8:30-08:50 Session Opening Speech:
Rural Bio-Resource Complex Project, a model integrated agricultural
development leads to economic growth
K.C. Narayanaswamy
University of Agricultural Sciences, GKVK, Bangalore, India

08.50-09.05 Good agricultural practices for sustainable vegetable production in humid tropics
Nirmala Devi S
All India Coordinated Research Project (AICRP) on Vegetable Crops, College
of Horticulture, Kerala Agricultural University, India

09.05-09.20 Questions & Answers

09.20-09.35 Vegetable consumption at household level and its implication on vegetable farming development in Indonesia
Hadewi P. Saliem
Indonesian Center for Agricultural Socio Economic and Policy Studies, Bogor,
Indonesia

09.35-09.50 Women’s home gardens and food security: Evidence from Bangladesh
Pepijn Schreinemachers
AVRDC – The World Vegetable Center, Shanhua, Tainan, Taiwan

09.50-10.00 Questions & Answers

10.00-10.30 Coffee/Tea Break

10.30-10.45 Enhancing competitiveness of smallholder vegetable producers in the Southern Philippines: The role of local government
Luis Antonio Hualda
School of Management, Curtin University, Perth, Western Australia, Australia

10.45-11.00 Thai consumer valuation of food safety labels on fresh products
Rungsaran Wongprawmas
Department of Agricultural Sciences - Division Agricultural Economics and
Appraisal, Alma Mater Studiorum-University of Bologna, Italy

11.00-11.15 Questions & Answers

11.15-11.30 Growing forward: The potential of horticulture in the agriculture, rural and food policy adjustments of ASEAN Economic Community (AEC) member states
Patrick O’Reilly
Crops for the Future Research Centre(CFFRC), Selangor, Malaysia

11.30-11.45 Vegetable research and development in Central Luzon, Philippines
Quirino D. dela Cruz
Central Luzon State University, Nueva Ecija, Philippines

11.45-12.00 Questions & Answers
Side Event: Public and Private Sector Collaborations and Benefits for the Farmers

*Asia & Pacific Seed Association (APSA) and AVRDC – The World Vegetable Center*

**Venue:** To be announced

**Chair:** Tom Burns  
*Director, Asia & Pacific Seed Association (APSA), Bangkok, Thailand*

10:30-10:50  
**AVRDC Tomato Yellow Leaf Curl Virus and Bacterial Wilt collaborations with the seed industry and seed distribution**  
Peter Hanson  
*AVRDC – The World Vegetable Center, Shanhua, Tainan, Taiwan*

10.50-11.10  
**Bacterial Wilt resistances from AVRDC, use in seed industry and some rough figures on value added and significance of those resistances in the market**  
Simon Jan De Hoop  
*East West Seed International Limited, Bangkok, Thailand*

11.10–11.30  
**Use of TY material from AVRDC by the seed industry**  
Narendra Singh  
*Research Director Asia, HM-Clause*

11.30–12.00  
**Panel discussion on collaborations between public and private sector**

12.00–13.30  
Lunch break

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**Poster Session**

**Venue:** To be announced

13:30-14:30  
**Poster Session**  
*Poster presenters are responsible will be required to stand next to their poster to answer questions.*

14:30-15:00  
Coffee/Tea Break
Closing Session (Plenary)

Venue: Grand Ballroom B

15:00-15:20 The Global Horticulture Initiative – Challenges and prospects for Southeast Asia
Detlef Virchow
Executive Secretary, Global Horticulture Initiative (GlobalHort), Bonn, Germany

15:20-15:40 The Indian vegetable research programme and its application in Asia
N.K. Krishna Kumar
Deputy Director General (Horticulture), Indian Council of Agricultural Research, New Delhi, India

15:40–16:00 Scaling up technologies for small scale vegetable farming systems in Southeast Asia
Gary Jahn
Agricultural Development Officer, United States Agency for International Development (USAID), Bureau for Food Security, Office of Agricultural Research and Policy, Washington D.C.

16:00–16:45 Roundtable Colloquium:
SEAVEG 2014: Recommendations for policy makers, civil society and private business sector, farmers, and research and development organizations

- Hiroyuki Konuma, Assistant Director-General and Regional Representative FAO Regional Office for Asia and the Pacific
- Jacqueline Hughes, Deputy Director General - Research, AVRDC – The World Vegetable Center
- Joost Pekelharing, President of East West Seed Group, East West Seed International Limited
- Prem Nath, Chairperson, Vegetable Science International Network (VEGINET)
- Suwit Chaikiattiyos, Deputy Director General, Department of Agriculture
- Nancy J. Haselow, Vice President Asia-Pacific, Helen Keller International
- Detlef Virchow, Executive Secretary, Global Horticulture Initiative (GlobalHort)
- N.K. Krishna Kumar, Deputy Director General (Horticulture), Indian Council of Agricultural Research
- Gary Jahn, Agricultural Development Officer, United States Agency for International Development (USAID), Bureau for Food Security

Moderator
Robert J Holmer
Regional Director East and Southeast Asia, AVRDC – The World Vegetable Center

16.45–17.30 Plenary discussion on symposium recommendations

17.30–17.50 Best oral paper award and Best poster award

17.50–18.00 Closing remarks
Robert J. Holmer
Regional Director, AVRDC East and Southeast Asia

Masters of Ceremony:
Sheila Aclo de Lima
Administrative and Training Officer, AVRDC – The World Vegetable Center, Bangkok, Thailand
Orathai Wongmetha
Department of Agriculture, Bangkok, Thailand
27 February 2014 (Thursday)

Field trip

08:00  Departure
       Hotel Lobby

10:00  Arrival
       Kasetsart University Kampanngsaen Campus

11:30  Departure

12:00  Lunch break

13:30  Departure

14:00  Arrival
       East West Seed International Limited
       (Hortigenetics Research, S.E. Asia, Limited)
       33 M. 4 T. Nongbo, Songpenong, Suphanburi 72190

16:30  Departure

17:30  Arrival at Hotel

More details about the field trip will be provided in a separate document