

SUB-SAHARAN AFRICA



1st IPI – Ministry of Agriculture-Ethiopian ATA joint Symposium

The role of potassium in cropping systems of sub-Saharan Africa: current status and potential for increasing productivity

4-5 September 2014, Addis Ababa, Ethiopia



Thursday, 4 September 2014

07:30-9:30

Registration

Opening Session

09:30-09:40

Welcome and Symposium Objectives
H.E. Prof. **Tekalign Mamo**, Minister's Advisor and State Minister of Agriculture, Ethiopia

09:40-10:00

Role of fertilizers in meeting future global food demand
Hillel Magen, Director IPI, Switzerland

10:00-10:20

Symposium official opening
H.E. Ato Tefera Derbew, Minister of Agriculture, Ethiopia

10:20-10:40

Role of fertilizers in realizing Ethiopia's agricultural growth agenda
H.E. Ato Sileshi Getahun, State Minister of Agriculture, Ethiopia

10:40-11:00

ATA's role in transforming the soil health and fertility Initiatives in Ethiopia
Khalid Bomba, CEO, ATA Ethiopia

11:00-11:10

Opening remarks
Belaynesh Zevadia, Israeli Ambassador, Addis Ababa, Ethiopia

11:10-11:20

Ceremony: Recognition for potassium research & extension

11:20-12:00

Coffee break and group photo

Session 1: 12:00-13:40

Status of food security in East Africa

Chair: Marco Quinones

12:00-12:25

Food security and status of agricultural production in East Africa
Sam Gameda, Senior Research Fellow, IFPRI, Ethiopia

12:25-12:50

What can the potash industry learn from Ethiopia's agricultural growth
John Mellor, Prof. Emeritus Cornell University, USA

12:50-13:15

Potash resources and its development in Ethiopia
Berhe Gebreselassie, Senior Geologist, Ministry of Mines, Ethiopia

13:15-13:40

Assessing the input and output flows and nutrient balance analysis at catchment level in Northern Ethiopia: a review
Mitiku Haile, Minister Councilor, Ethiopian Delegation to UNESCO, France

13:40-15:00

Lunch break

Session 2: 15:00-16:40

Role of fertilizers and its value chain in SSA
Chair: John Wendt

15:00-15:25

Fertilizer use trends in Ethiopia
Teshome Lakew, Director of Imports, MoA, Ethiopia

15:25-15:50

Fertilizer financing in SSA
Gezahegn Ayele, USAID/CIAFS, Ethiopia

15:50-16:15

Challenges in fertilizer value chain: experience from Ethiopia
Nega Wubeneh, Senior Director of Systems, ATA, Ethiopia

16:15-16:40

Soil fertility replenishment initiatives in Ethiopia
Selamyihun Kidanu, Soil Health and Fertility Director, ATA, Ethiopia

16:40-17:10

Coffee break

Session 3A: 17:10-18:00

The role of K in soil and plant systems in East Africa / SSA

Chair: Mitiku Haile

17:10-17:35

Potassium fertilization: paradox or K management dilemma
Benayahu Bar-Yosef, ARO, Israel

17:35-18:00

Integrated Soil Fertility Management and the Role towards Sustainable Intensification of Farming Systems in Sub-Saharan Africa
Huising Jeroen Elzo, Senior Soil Scientist – Soil Research 4 Development Platform IITA and Bernard Vanlauwe, Director Central Africa and Natural Resource Management, IITA, Kenya

19:00

Gala dinner hosted by ICL

Friday, 5 September 2014

Session 3B: 09:00-10:15

The role of K in soil and plant systems in East Africa / SSA

Chair: Mitiku Haile

09:00-09:25

Status of potassium in Ethiopian soils
Erik Karlton, Senior Soil Fertility Consultant, ATA, Ethiopia

09:25-09:50

Effect of potassium fertilizer on crop production in Ethiopia
Mulugete Demiss, Senior Technical Expert, ATA, Ethiopia

09:50-10:15

Crop K response in southern Ethiopia
Wassie Haile, Assist Professor, Hawassa University, Ethiopia

10:15-10:45

Coffee break

Session 4: 10:45-12:50

Evaluation of soil potassium fertility

Chair: Benayahu Bar-Yosef

10:45-11:10

Potassium status along a toposequence in soils of Southern Ethiopia
Tilahun Amede, Principal Scientist, ICRISAT, Kenya

11:10-11:35

Response of wheat to phosphorus and potassium fertilization on vertisols of central highland, Ethiopia
Hillette Hailu, Haramaya University, Ethiopia

11:35-12:00

Potassium management in Vertisols of India
S. K. Bansal, Director PRRI, India

12:00-12:25

The status of plant available potassium at three sites in Ethiopia
Abebe Shiferaw, Technical Expert, ATA, Ethiopia

12:25-12:50

Soil fertility mapping initiative in Ethiopia
Hezekiel Tasse, ETOSIS Project Manager, ATA, Ethiopia

12:50-14:00

Lunch break

Session 5: 14:00-17:00

Balanced nutrition for increased productivity
Chair: Hillel Magen

14:00-14:25

K research needs in crops in SSA.
John Wendt, East & Southern Africa Division, IFDC, Kenya

14:25-14:50

Potassium effects on plant stress
Uri Yermiyahu, Director, Gilat Center, ARO, Israel

14:50-15:15

Soil fertility status and replenishment initiatives in SSA
Bashir Jama, Director Soil Health Program, AGRA, Kenya

15:15-15:40

Experience on nutrient balance studies in East Africa
Eyasu Elias, CASCAPE, Ethiopia

15:40-16:10

Coffee break

16:10-16:35

Preliminary results from county level soil potassium fertility mapping in Kenya
Peter Van Erp, Soilcares Research, The Netherlands

16:35-17:00

Opportunities and challenges in potash green field development in Ethiopia
Nejib Aba Biya, Senior Business VP, Allana Potash, Canada

17:00-18:00

Panel discussion
H.E. Prof. Tekalign Mamo, Hillel Magen, Uri Yermiyahu, Huising Jeroen Elzo, Kibebew Kibret

18:00-18:10

Closing

Saturday, 6 September 2014

07:30-18:00

Field trip to fertilizer experiments and demonstrations (Speakers and invited guests only)

INTERNATIONAL POTASH INSTITUTE



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