Seed Enterprise Management Institute (SEMIs)

INTERNATIONAL TRAINING ON SEED QUALITY ASSURANCE AND SEED ENTERPRISE QUALITY MANAGEMENT

VENUE: UNIVERSITY OF NAIROBI, CAVS

Date: 17-29 SEPTEMBER, 2012

Professor Florence Olubayo
# Overall Goal
- Eradication of food and nutrition insecurity through capacity building of seed actors.
  - Quality seed
  - Affordable seed

# Objectives:
1. To produce seed production and marketing management expertise in SSA region
2. To train seed industry practitioners on the best practices to efficiently produce adequate high quality seed for farmers.
3. To enhance production of seed of improved varieties for the SSA:
   - Efficient production
   - Marketing
   - Good distribution
4. To strengthen the capacity of the SSA region to train on seed production and marketing management strategies:
   - Enhanced technology
5. To develop a regional capacity to facilitate information sharing on seed issues and related disciplines in SSA.
SEMIs PARTNERSHIPS

UoN

CIMMYT

CONSULTANTS

ISU

KARI, KEPHIS

KENYA SEED

AGRA

agra-alliance.org

uonbi.ac.ke

cimmyt.org

iastate.edu

kephis.org

kenyaseed.com

GROWING THE SEED INDUSTRY IN AFRICA
Over 15 African Countries!!
## SEMIs COURSES AT UON:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>MAIN FACILITATORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEED PRODUCTION</td>
<td>UON/CIMMYT/KARI/KEPHIS</td>
</tr>
<tr>
<td>SEED DRYING PROCESSING AND STORAGE</td>
<td>UON/IOWA STATE UNIVERSITY/KARI/KEPHIS/SEED COMPANIES</td>
</tr>
<tr>
<td>SEED BUSINESS MANAGEMENT</td>
<td>UON/SCH. OF BUSINESS, ALINE O’CONNOR FUNK, DILIP GOKHALES, SEED COMPANIES</td>
</tr>
<tr>
<td>SEED MARKETING</td>
<td>UON/SCH. OF BUSINESS, CONSULTANTS, DRYLAND SEED COMPANY, LELDET</td>
</tr>
<tr>
<td>SEED QUALITY ASSURANCE AND SEED ENTERPRISE</td>
<td>UON/ISU/KEPHIS/KARI/SEED COMPANIES</td>
</tr>
<tr>
<td>QUALITY MANAGEMENT</td>
<td></td>
</tr>
</tbody>
</table>
Participants/Trainees

2010-AGRA Grantees
2011-AGRA Grantees
2012-AGRA Grantees + Self-Sponsored participants

• Self-sponsored courses
• Interests indicated from:
  – Ethiopia
  – FAO-Sierra Leone
  – Seed Companies from Nigeria, Malawi
  – Kenya seed company
  – Other Interested groups dealing with seed

Popularity of Courses has attracted a lot of Interest from seed companies not under AGRA funding
## SEMIS SUMMARY: TOTAL TRAINED PERSONNEL-2010, 2011, 2012

<table>
<thead>
<tr>
<th>Course</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed Production</td>
<td>29</td>
<td>27</td>
<td>30</td>
<td>86</td>
</tr>
<tr>
<td>Seed Drying Processing and Storage</td>
<td>31</td>
<td>28</td>
<td>31</td>
<td>90</td>
</tr>
<tr>
<td>Seed Business Management</td>
<td>29</td>
<td>26</td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Seed Marketing</td>
<td>28</td>
<td>25</td>
<td></td>
<td>53</td>
</tr>
<tr>
<td>Seed Quality Assurance</td>
<td>30</td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Seed Legislation and Accreditation</td>
<td>25</td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Seed Quality Assurance and Seed Enterprise Quality Management</td>
<td></td>
<td>26</td>
<td></td>
<td>26</td>
</tr>
<tr>
<td><strong>Total (Yearly)</strong></td>
<td>172</td>
<td>132</td>
<td>61</td>
<td>365</td>
</tr>
</tbody>
</table>
SEMIs-providing Seed Experts for Africa

<table>
<thead>
<tr>
<th>Year</th>
<th>Seed Companies</th>
<th>Seed Company Personnel</th>
<th>No. of countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>20</td>
<td>172</td>
<td>13</td>
</tr>
<tr>
<td>2011</td>
<td>20</td>
<td>135</td>
<td>15</td>
</tr>
</tbody>
</table>

More wider coverage of countries-cover the whole of Africa
More seed companies to benefit
More seed Personnel to be trained-through the self-sponsorship programme
Long Term courses in Seed Technology and Business:

- Certificate - Seed Technology and Business
- Diploma - Seed Technology and Business
- Post-graduate Diploma - Seed Technology and Business
- MSc. - Seed Technology and Business
COURSE FACILITATORS:

John MacRobert - CIMMYT

Kiariie Njoroge-UON CAVS

Aline O’Connor – Seed Business mgmt

Others: Iowa State University, AGRA consultants, KEPHIS, Seed companies, Professionals from reputable Institutions, ETC
Other Activities at SEMIs

Breeders Bean production of Popular production

Varieties:
• Meizi mbili
• Kenya Wonder
• Kenya Red Kidney
• Kabete Super
• Kenya Sugar Bean
• Super Rosecocco
Bean Production at CAVs contd.

Inspection and Roguing with KEPHIS staff at CAVS

Newly Opened up fields at CAVS

New Field planted with Kenya Red Kidney
SEMIs INFRASTRUCTURE DVPT

Modern Seed laboratory and Seed Processing facility being constructed at CAVS with SEMIs funds

**Phase 1:** Seed Processing Unit.
- Seed from UNISEED and other seed companies

**Phase 2:** Modern Seed Laboratory for Seed Quality Assurance
- Seed Quality Laboratory
Participation in International Fora:

• Congresses and Conferences
• Trainers of Trainers (TOT)–ISU
• More Advertisement of SEMIs
• Linkages with Seed trade Associations-STAK, AFSTA

• President of Zanzibar at the SEMIs stand at the AFSTA Congress in March 2012
Courses Highlights ..

Experiential training-Visit to the seed industry

Training on Finance and capital Acquisition:
-Root capital and ASIF funding
Experts at SEMIs
Guest Speakers at SEMIs

Dr. Julius Kipng’etich—Director, Kenya Wildlife Services (KWS)

..."You are seed producers and there is still hunger in Africa..."?

Observed Changing trends in the Seed Industry in Africa.....

"as I move across Africa, I see African Farmers have changed their strategy to improved seed"

Dr. Joe DeVries—Director, PASS
Highlights...

Seed Company CEO’s- Seed Business Management Course 2011

Nurturing competence in Strategic Seed Business management in Africa
Seed marketing course 2011

Visiting the seed industry-
Visit to SIMLAW seeds

Certificate presentation on
Graduation
Highlights contd:
Seed Production May 2012:

Visit to KARI Wheat Rust Resistance Breeding Station-Njoro
Visit to Dry land Seed company seed store in Machakos
Working with consultants to enhance capacity Building

Seed Business Class with Dilip Gokhale
Prof. Mwang’ombe-SEMI is PI presenting a certificate to Janet Gyima from Ghana
Seed Marketing Course-July 2012

Participants with the MD-Simlaw Seed company Mr. Soi
Nyama Choma After a hard week of seed Business
Comments from Participants:

"I like every topic we did in this course especially seed certification and de-taselling " Anonymous.

"The knowledge I have acquired through the course will be highly valued not only in our seed company but in the whole of Zambia” Dorica Banda Indigenous seed company Zambia

"Previously I did not know how to project seed requirements and co-ordinate backwards for procurement of basic, pre-basic seed…” Now I know” Mr Omari Mduruma- Aminata seed company Tanzania
SEMIs Website:  
www.semis-africa.org

- Sharing information on seed issues, current happenings in the seed industry in Africa
- Staying in touch with SEMIs participants
- Online registration of Students
Thank you for your attention