



Seed Enterprise Management Institute (SEMIs)

**International Training on Seed Drying,
Processing and Storage**

Seed Enterprises Management Institute

Date: May 28-02 June 2012

Professor Agnes Mwang'ombe

SEED ENTERPRISE MANAGEMENT INSTITUTE (SEMIs)

Overall Goal

•Eradication of food and nutrition insecurity through capacity building of seed actors for improved seed systems to better deliver high quality seeds to small scale farmers.

Objectives

1. To produce seed production and marketing management expertise for the seed industry in SSA

2. To train seed industry practitioners on the best practices to efficiently produce adequate high quality seed to meet farmers demand at affordable prices.



3. To enhance production of seed of improved varieties by seed industry stakeholders to meet the planting material requirements of the SSA Region

4. To strengthen the capacity of the SSA Region to train on seed production and marketing management strategies.

5. Develop a regional capacity to facilitate information sharing on seed issues and related disciplines throughout Sub-Saharan Africa.

Growing the Seed Industry in Africa

SEMI's PARTNERSHIPS



agra-alliance.org



cimmyt.org



kephis.org



UoN



CIMMYT

IOWA STATE UNIVERSITY

ISU

SEMI's

CONSULTANTS

KARI, KEPHIS
KENYA SEED



AGRA



uonbi.ac.ke



iastate.edu



kenyaseed.com

GROWING THE SEED INDUSTRY IN AFRICA

SEMIs In Africa

MALI

	2010	2011	Total
Seed Companies/Institutions	3	2	5
Trained Personnel	8	3	11

BURKINA FASO

	2010	2011	Total
Seed Companies/Institutions	3	2	5
Trained Personnel	5	4	9

SIERRA LEONE

	2010	2011	Total
Seed Companies/Institutions	3	3	6
Trained Personnel	10	10	20

LIBERIA

	2010	2011	Total
Seed Companies/Institutions	2	2	4
Trained Personnel	10	10	20

GHANA

	2010	2011	Total
Seed Companies/Institutions	7	3	10
Trained Personnel	16	12	28

NIGERIA

	2010	2011	Total
Seed Companies/Institutions	8	2	10
Trained Personnel	23	4	27

ZAMBIA

	2010	2011	Total
Seed Companies/Institutions	4	1	5
Trained Personnel	17	5	22

NIGER

	2010	2011	Total
Seed Companies/Institutions	4	4	8
Trained Personnel	8	15	23

ETHIOPIA

	2010	2011	Total
Seed Companies/Institutions	5	4	9
Trained Personnel	14	17	31

UGANDA

	2010	2011	Total
Seed Companies/Institutions	8	3	11
Trained Personnel	17	9	26

KENYA

	2010	2011	Total
Seed Companies/Institutions	7	2	9
Trained Personnel	19	4	23

RWANDA

	2010	2011	Total
Seed Companies/Institutions	2	1	3
Trained Personnel	5	5	10

TANZANIA

	2010	2011	Total
Seed Companies/Institutions	7	5	12
Trained Personnel	17	23	40

MALAWI

	2010	2011	Total
Seed Companies/Institutions	5	2	7
Trained Personnel	12	7	19

MOZAMBIQUE

	2010	2011	Total
Seed Companies/Institutions	5	4	9
Trained Personnel	10	17	27

Growing the Seed Industry in Africa

SEMI-Providing seed experts through Training

Courses offered at SEMIs

2010

- Seed production
- Seed Drying, processing and Storage
- Seed Business Management
- Seed marketing
- Seed quality assurance
- Seed legislation and accreditation



2011

- Seed Production
- Seed Drying, Processing and Storage
- Seed business Management
- Seed Marketing
- Seed Quality Assurance and Seed Enterprise quality Management

Courses Provide the most crucial aspects of seed in the value chain

SEMI Participants/Trainees

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

Future direction:

- Self sustenance of the project through Self-sponsored courses
- Interests indicated from:
 - Group from Ethiopia
 - Group from 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

Summary of SEMIs courses in 2011:

COURSE	COUNTRIES	NO. OF SEED COMPANIES/ ORGANIZATIONS	NO OF PARTICIPANTS
Seed Production	12	29	28
Seed Drying, processing and Storage	12	30	28
Seed Business Management	12	29	26
Seed Marketing	12	28	26
Seed Quality Assurance	13	30	27
TOTAL			135

SEMI-providing Seed Experts for Africa

2010

- Seed company Personnel-172
- Seed companies trained >30
- No. of countries-13



2011

- Seed companies personnel-132
- Seed companies trained >35
- No. of countries-15



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

Highest Quality trainers:

- Seed Drying processing and Storage:- Dr. Shyy (ISU), Dr. Gitau (UON), KARI, Personnel from Seed companies



Trainers at KARI Seed Unit



Others: CIMMYT, AGRA consultants, Seed companies, Professionals from reputable Institutions, ETC



KEPHIS seed lab Experts

SEMI is Producing Both Field and Laboratory experts in seed technology and Business



Jimmy Mpairwa-CEO and Business manager at FICA Seeds Uganda



Seed quality classes at UON Laboratory

Other Activities of 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

- 1st Phase of construction for a seed processing unit already underway at CAVS:
- Modern seed processing unit to process seed from Uniseed and from outlying seed companies



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 SEMI stand at the AFSTA Congress in March 2012



Regular Workshops to improve relevance of curricula to the seed industry

Highlights ..



Experiential training-Visit to the seed industry



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

Challenge!



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

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

Changing trends..

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

Dr. Joe DeVries-Director, PASS



Highlights...



CEO's of seed Companies-Seed Business Management participants in 2011

Seed Marketing



Visiting the seed industry-
Visit to SIMLAW seeds



Certification upon
Graduation

Seed Production



Seed Laboratory at CAVS



Observing a bean seed crop at CAVS

Comments from Participants:

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

Annonymous .



"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*

"Counterfeit seed in the market is one of the major challenges we face in Uganda as counterfeit seed goes for a lower price. We thus face great challenges in marketing our seed. Farmers should be educated on the benefits of certified seed ..."

***Kawooya Ronald, Pearl seed
Uganda***



"I believe if farmers were more aware of the benefits of using hybrid seed, their would be increased demand and thus government would allow seed multipliers to acquire seed elsewhere"

***Mrs Hadia, Hadia seeds
Ethiopia***

6/12/2019

SEMIs Website: www.semis-africa.org

SEED MARKETING COURSE - Windows Internet Explorer

http://www.semis-africa.org/?page_id=427

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SEED MARKETING COURSE

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COURSE DATES: 26TH-31ST JULY, 2010

VENUE: UNIVERSITY OF NAIROBI, COLLEGE OF AGRICULTURE AND VETERINARY SCIENCES

The SEMI's course on seed marketing was held between the 26th and 31st July, 2010 at the college of Agriculture and Veterinary Sciences. The course was for seed company personnel involved in the marketing of improved seed. As in the case of seed business management course, CAVS worked together with the school of business to make the course a success. The coordinator of the course was Dr. Munyoki from the school of business with help from Aline O'Connor Funk, a seed specialist and a consultant with AGRA. In total there were 28 participants from 28 seed companies operating in 12 African countries.

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Calender

January 2011

M	T	W	T	F	S	S
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Done

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- Sharing information on seed issues, current happenings in the seed industry in Africa
- Staying in touch with SEMI's participants
- Online registration of Students

Seed production 2012



Visit to the KARI Njoro Seed Unit-Stem Rust Research



Variety Testing fields at KEPHIS Lanet

Outgrower field for hybrid seed production



SEMI's-Helping Africa Smell the Green Revolution!!

Thank you for
your attention

