

International Training on Seed Drying,
Processing and Storage
Seed Enterprises Management Institute

Date: May 28-02 June 2012

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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

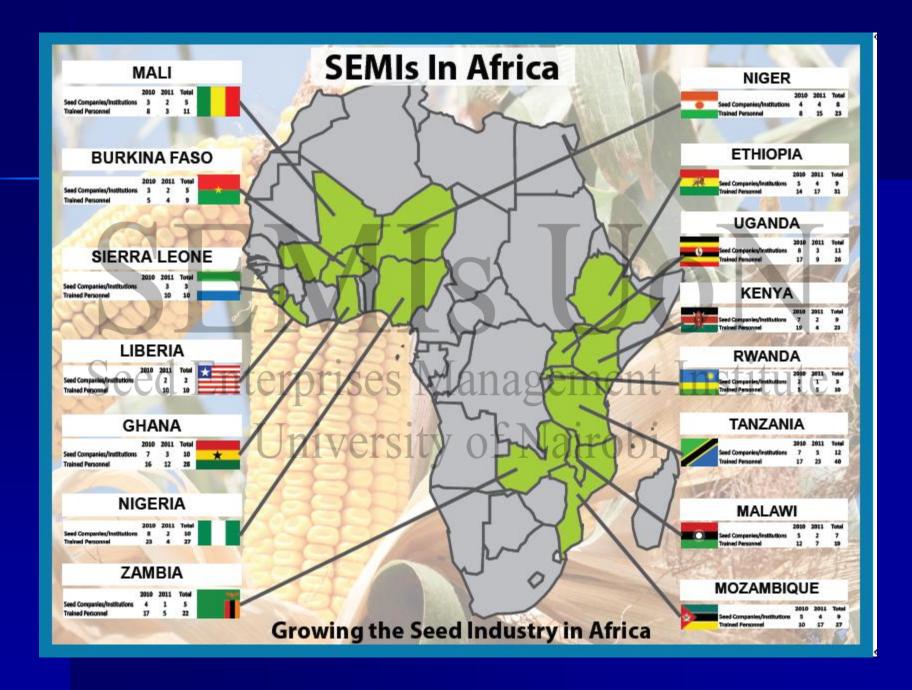
information sharing on

seed issues and related disciplines throughout Sub-Saharan Africa.

Growing the Seed Industry in Africa



GROWING THE SEED INDUSTRY IN AFRICA



SEMIs-Providing seed experts through Training

Courses offered at SEMIs

2010

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

2011

- Seed Production
- Seed Drying,Processing and Storage
- Seed business 110 Management
- Seed Marketing
- Seed Quality Assurance and Seed Enterprise quality Management

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

SEMIs Participants/Trainees

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

Seed Enterprises L University

Future direction:

- Self sustenance of the project through Self-sponsored courses
- Interests indicated from:
 - na Group from Ethiopia ute
 - 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		30	28
Seed Business Management	University (of Nairobi	111UL <u>2</u> 6
Seed Marketing	12	28	26
Seed Quality Assurance	13	30	27
TOTAL			135

SEMIs-providing Seed Experts for Africa

<u>2010</u>

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





<u>2011</u>

- 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

SEMIs 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 Enterprises Manag
- •Kenya Sugar Bean University of N
- Super Rosecocco









Bean Production at CAVs contd.



Inspection and Roguing with KEPHIS staff at CAVS



Newly Opened up fields at CAVS

of Nairobi

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 Security of National airobit





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 of Nair

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

Dr. Joe DeVries-Director, PASS



Highlights...

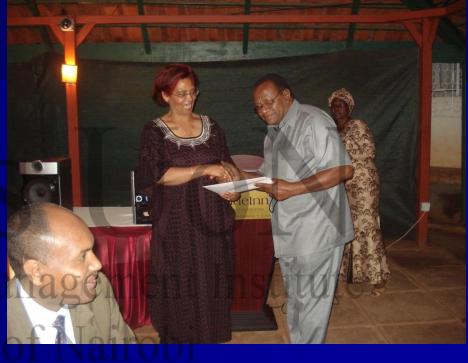




CEO's of seed Companies-Seed Business Management participants in 2011

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 detaselling " 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





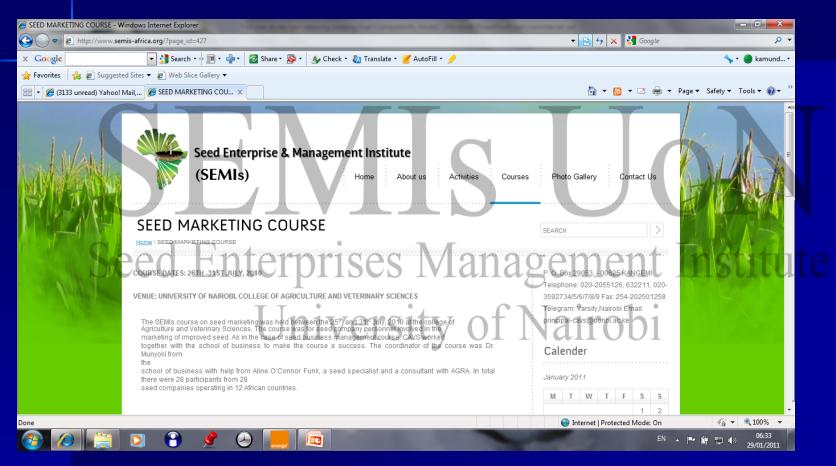
agement Institute

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



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

Seed production 2012







Visit to the KARI Njoro Seed Unit-Stem Rust Research





Outgrower field for hybrid seed production

Variety Testing fields at KEPHIS Lanet











SEMIs-Helping Africa Smell the Green Revolution!!

Thank you for niversity of Nairobi your attention







