

Workshop Expectations

15th SPHI Sweetpotato *Speed*Breeders
Annual Meeting

BecA/ILRI, Nairobi, Kenya
June 8-10, 2016



SWEETPOTATO ACTION FOR SECURITY AND HEALTH IN AFRICA



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BecA-ILRI Research Platform, Nairobi, Kenya

Theme: Sharing Progress, Improving our Methods, and Considering Next Steps



Time	Activity/Session	Responsible
June 7	Arrival	Tassy Kariuki
June 8	Wednesday	
	Chair: Dr. Sunette Laurie	Note taker: Solomon Afuape
8:30	Workshop expectations	Robert Mwanga
8:45	The importance of a central database and an overview of Sweetpotatobase	Lukas Mueller
9:15	Managing Accession, Breeding Programs, Location, and Trial Data in Sweetpotatobase – What do breeders need in a database?	Alex Ogbonna, Bryan Ellerbrock
10:00	Health Break	
	Chair: Dr. Maria Andrade	Note taker: Bramwel Wanjala
10:15	Sweetpotato descriptors/Sweetpotato ontologies	Reinhard Simon
11:00	New tools to improve efficiency of data analysis	Reinhard, Raul Eyzagu Luka Wanjohi
11:45	Discussion	Craig Yencho
12:00	Sweetpotato Knowledge Portal	Luka Wanjohi, Christin Bukania
12:45 pm	Lunch Break	Tassy Kariuki
	Chair: Dr. Craig Yencho	Note taker: Sunette La
2:00 pm	Re-analysis of heterotic gain in Mozambique	Godwill Makunde
2:30	Re-analysis of heterotic gain in Uganda	Charles Wasonga
3:00	Refining Maturity Period & Quality Traits per Maturity Period for Released Varieties in Mozambique	Abilio Alvaro
	Breeding of sweetpotato for improvement of root dry matter and beta-carotene content in Ethiopia	Fekadu Gurmu Balcha
3:30 pm	Health Break	
4:00 pm	What are the characteristics driving adoption? Panel discussion on which varieties have done best? <i>Maria (Mozambique), Martin (Zambia), Malawi (Obed), Uganda (Gorrettie), Rwanda (Jean Ndirigwe), South Africa (Sunette): Top 2 varieties & why have they emerged. 5 minutes each.</i>	Robert Mwanga
June 9	Thursday	
	Chair: Dr. Dorcus Gemenet	Note taker: Ted Carey
8:30	An Agronomist's Thoughts on Addressing Sweetpotato Resilience under Changing Climate Conditions	Mihiretu Cherinet

9:00	Break up into 5 groups: discussion on presentation by Mihiretu & feedback by groups to plenary	Mihiretu & Some Koussao
10:30	Health Break	
11:00	The Importance and Heritability of Vine Survival in Drought-Prone Areas: Preliminary Results from Mozambique	Maria Andrade
11:30	Genetic improvement of important traits for selection in sweetpotato (<i>Ipomoea batatas</i>) controlled cross populations in Uganda	Astere Bararyenya
11:50	RTB Reports and Discussion	Wolfgang Grüneberg
12:30 pm	Lunch Break	
	Chair: Simon Reinhard	Note taker: Solomon Afuape
2:00	Progress in Virus Resistance Breeding in Uganda	Robert Mwanga
2:20	Use of Molecular Markers for SPVD Breeding: Progress & the Way Forward	Wolfgang Grüneberg
3:00 pm	Health Break	
	Chair: Titima Tantikanjana	Note taker: Charles Wasonga
3:15	Progress in Diagnostic Tools for Virus Detection & Potential Usefulness for Breeders in SSA	Bramwel Wanjala
3:45	Sweetpotato breeding/AGRA support (Nigeria)	Solomon Afuape
4:05	Sweetpotato breeding/AGRA support (Rwanda)	Damien Shumbusha
4:25	Sweetpotato breeding/AGRA support (Burkina Faso)	Some Koussao
4:45	Sweetpotato breeding/AGRA support (Zambia)	Martin Chiona
5:00	Commitment to mainstreaming beta-carotene as a biofortified trait	Jan Low
5:15	Discussion	
June 10	Friday	
	Chair: Jan Low	Note taker: Godwill Makunde
8:30 am	Mother-Baby Trial Procedure as an On-farm Trial Methodology in Northern Ghana	Daniel Akansake
9:00	Demonstration on Analyzing On-farm Data Using CloneSelector: Interpreting results to find driving factors underlying varietal preference (5 different sets analyze printouts)	Group leaders: 1-Gerald Kyalo & Mwanga 2-Luka Wanjohi & Maria Andrade 3-Simon Imoro & Carey 4-Raul & Wolfgang 5-Godwill & Reinhard
10:30	Health Break	
	Genetic Gains: Is a Simplified Approach the Answer? Discuss 6 traits led by individuals: Yield, dry matter, beta-carotene, iron, SPVD, Harvest index. Answer the question: Is there evidence of genetic gain? If so is the level significant? Report back in a plenary.	Wolfgang Grüneberg
12:30 pm	Lunch Break	
	Chair: Gorrettie Ssemakula	Note taker: Benjamin Musembi Kivuva