

Training of Trainers Course Report

“Everything you ever wanted to know about sweetpotato”

Held

3rd – 14th December 2012

Agricultural and Rural Management Training Institute (ARMTI),

Ilorin, Kwara State, Nigeria



January 2013

Reaching Agents of Change Project



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“Everything you ever wanted to know about sweetpotato”

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1.0 Introduction

The “Reaching Agents of Change (RAC)” is a three-year project implemented by the International Potato Center (CIP) and Helen Keller International (HKI). The project is funded by Bill and Melinda Gates Foundation. The project targets Mozambique, Nigeria, Tanzania, Ghana and Burkina Faso. The objectives of RAC are:

- to increase investment in orange-fleshed sweetpotato (OFSP) to combat vitamin A deficiency among young children and women of reproductive age; and
- to build the capacity of public sector extension and non-governmental organizations to effectively implement initiatives aimed at promoting dissemination and appropriate use of vitamin A-rich OFSP.

As part of its goal to train senior extension personnel on the latest developments in sweetpotato production and utilization in West Africa, CIP, HKI and the Agricultural and Rural Management Training Institute (ARMTI) organized a 10-day, gender-sensitive training of trainers (ToT) course. The course was titled *“Everything you ever wanted to know about sweetpotato”* and it was held in Ilorin, Kwara State, Nigeria. The Nigerian agricultural sector suffered a major set-back as a result of the oil boom of the 1970s. One of the major steps taken by the government to put agriculture back on track was the establishment of Agricultural Development Projects (ADPs) across the nation. The need to develop human resources to manage these ADPs and other agricultural institutes led to the establishment of ARMTI - a parastatal of the then Ministry of Agriculture and Natural Resources (FMANR) in 1980. The objectives of ARMTI are to:

- provide management training;
- provide consultancy and advisory services;
- conduct applied management research, special and diagnostic studies;
- disseminate management information and
- contribute to policy development which would enhance better management of the agricultural and rural sector in Nigeria.

RAC and ARMTI signed an agreement to deliver the 10-day TOT training course. ARMTI agreed to champion the RAC agenda in Nigeria during and after the project. The agreement also commits ARMTI to co-host the TOT 10-day training course on the following understanding:

- a) **Year 1** of the project, RAC will lead the process of organizing and conducting the course. The national counterparts will participate during the process and support the efforts of the RAC project
- b) **Year 2**, the national counterparts will take lead in organizing and conducting the training. RAC will backstop the national counterpart efforts
- c) **Year 3**, the national counterparts will organize and conduct the course on their own. The RAC project will only offer partial financial support. It is planned that after Year 3 of the project, the course will be run on a full-cost recovery basis.

It was also agreed that ARMTI will establish and maintain a demonstration plot for OFSP. The 10-day training was preceded by a five-day pre-training session for facilitators, which took place at ARMTI.

This report is a deliverable established under the contract signed between RAC and ARMTI and refers to the Year 1 course that took place from 3rd to 14th December at ARMTI, Ilorin, Kwara State, Nigeria, where CIP provided the lead and was supported by ARMTI and other national counterparts.

2.0 Organisation and planning

The training organizers developed a brochure to announce the course, which was uploaded on the Sweetpotato knowledge portal and the ARMTI website. The brochure was widely circulated electronically through CIP and ARMTI networks. The course was also advertised in a local newspaper in Nigeria (Punch Newspaper). Several meetings (face-to-face and virtual) were held to plan the course and a pre-training check-list (**Appendix 1**) was developed to facilitate planning.

3.0 Pre-training session

A pre-training session held from 26th to 30th November 2012 provided a platform for planning, developing session plans (**Appendix 2**), and course materials and for rehearsing the facilitation of the course modules. The session also provided an opportunity for understanding the adult learning methodology and sharpening the facilitation and communication skills of facilitators. The pre-training content included the pre-training objectives; an overview of the RAC project; facilitation skills; why adult learning; adult learning theories and methodology, gender and diversity, value chain and entrepreneurship and preparation of session plans and rehearsing the delivery of the modules.

4.0 Participants

The training of trainers' course drew 20 participants from various institutions in Nigeria and was organized to attain a gender balance (60% men and 40% women (**Appendix 3**). Most were senior extension officers from the Federal Capital Territory and State Agricultural Development Project, while others were from farmer organizations, health sector and private sector (**Table 1**).

Table 1: Breakdown of participants by type of organization

Type of organization	Number of participants	Percentage in relation to total number of participants (%)
Public sector : 1. Federal	1	5
2. State	14	70
Famer associations	4	20
Private sector	1	5

5.0 Facilitators

Table 2 presents the 17 staff with diverse expertise who facilitated the TOT course. The facilitators were drawn from CIP, ARMTI, National Root Crops Research Institute, Umudike, Kwara State Ministry of Health, and the Federal Polytechnic – Offa in Kwara State (**Appendix 4**). Of these, only 6 were CIP staff who worked along-side national counterparts in jointly developing session plans and training materials during the pre-training and in delivering the 10-day course. Due to unavoidable circumstances, two CIP facilitators did not make it to Nigeria.

Table 2: List of facilitators, their organizations and areas of expertise

Name	Organisation	Expertise
Jude Chukwubueze Njoku	CIP	Production, breeding and dissemination systems
Jonathan Mkumbira	CIP	Production and breeding
Sammy Agili	CIP	Breeding and seed systems
Luka Wanjohi	CIP	Information systems and data management
Godfrey Mulongo	CIP	Monitoring and evaluation
Hilda Munyua	CIP	Training and facilitation
Anthony Uzoma Njoku	ARMTI	Marketing and value chain
Olufemi Oladunni	ARMTI	Marketing and value chain
Abiodun A. Olosore	ARMTI	Production
Kingsley Olusola Olurinde	ARMTI	Production
Charles Farayola	ARMTI	Dissemination
Rasheed Adeyinka Owoade	ARMTI	Entomology and nutrition
Stanley Chibueze Nwachukwu	ARMTI	Production and seed systems
Thank-God Nnamdi Echendu	National Root Crops Research Institute Umudike	Entomology and seed systems
Tessy Madu	National Root Crops Research Institute Umudike	Gender and diversity
Abraham Oyeyei Idowu	Federal Polytechnic, Offa, Kwara State	Harvesting, processing and post-harvest
Marion Adekeye	Kwara State Ministry of Health	Nutrition

6.0 Training objectives

The principal objective of the training was to build and improve the capacity of national implementing agencies in the West African region to drive uptake of orange-fleshed sweetpotato.

The specific training objectives were to provide participants with insights into:

- Key aspects of sweetpotato production, utilization and marketing;
- Selection, multiplication and preservation of clean sweetpotato planting materials, as well as pest and disease management;
- Good nutrition and the importance of Vitamin A;
- Gender roles in production, utilization and marketing;
- Farmer clients' sweetpotato systems improvement; and
- Equip participants with skills to organize and deliver their own sweetpotato training course.

7.0 Course implementation

Program

The course ran for 10 days and a detailed program is found in **Appendix 5**.

Course content

The course had 10 modules:

- Origin and importance of sweetpotato
- Sweetpotato varietal selection and characteristics
- Orange-fleshed sweetpotato and nutrition
- Sweetpotato seed systems
- Sweetpotato production and management
- Sweetpotato pest and disease management
- Harvesting and postharvest management
- Marketing and value addition
- Processing and utilization
- Gender and diversity aspects
- Monitoring of OFSP dissemination and uptake
- Facilitation skills and adult learning techniques

The course also covered the Sweetpotato knowledge portal and designing a training course for adult learners. Before the training, facilitators gathered participants' expectations and fears, which were taken into consideration during the delivery of the training.

Training methodology

The training was conducted in English and was based on adult learning methodology; combining lectures, case studies, discovery-based / experiential learning approaches, practical hands-on exercises, farm visits, group work and plenary discussions. Participants' expectations and fears (**Appendix 6**) were captured before the training and these were factored into the training. Exercises were built into the lecture and practical sessions, which

served as indicators of the effectiveness of the training process and visual aids were used to display key points in each topic. Participants visited the Ogbondoroko – an on-farm adaptive research farm, and a farmer’s field in Agbamu, Owode market in Offa (sweetpotato market), and the National Centre for Agricultural Mechanization (NCAM) to get insights of the sweetpotato value chain. RAC provided the lead in organizing and delivering the course while national counterparts from ARMTI and other institutions provided support.

Course materials

At the beginning of the training, each participant was given a manual on “Everything you ever wanted to know about sweetpotato.” The training manual was used to guide the training and RAC benefited immensely from the reflections and comments made by facilitators and participants. These comments and reflections will be used to update and improve the manual. Other handouts were also given to participants before the respective sessions were covered. At the end of the training, each participant received a branded DVD containing all the training materials used for the course, including Power Point presentations, videos, recipes and other documents.

Participant action plans

Participants committed themselves to apply the skills and knowledge they had acquired and developed “Action Plans” on the training they planned to cascade to the next level (**Appendix 7**).

8.0 Participants assessment, feedback and Course Evaluation

Feedback and evaluation were considered useful as they served as mechanisms for passing participants’ views across to organizers and training facilitators.

Participant assessment

Participants were given a basic written test to assess the current state of sweetpotato knowledge at the beginning of the course (benchmark). Participants were given the same test

at the end of the training to assess the knowledge gained. The pretest results are presented in Tables 3a and 3b and Figures 1a and 1b. Almost half of the participants scored close to or above average which indicates that most of the participants had prior knowledge of sweetpotato before attending the course.

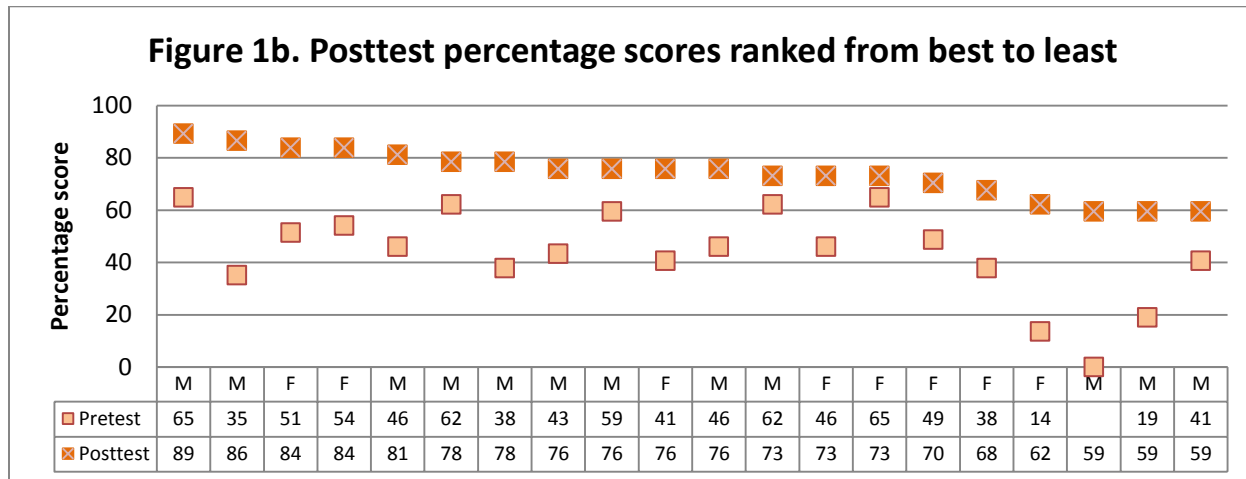
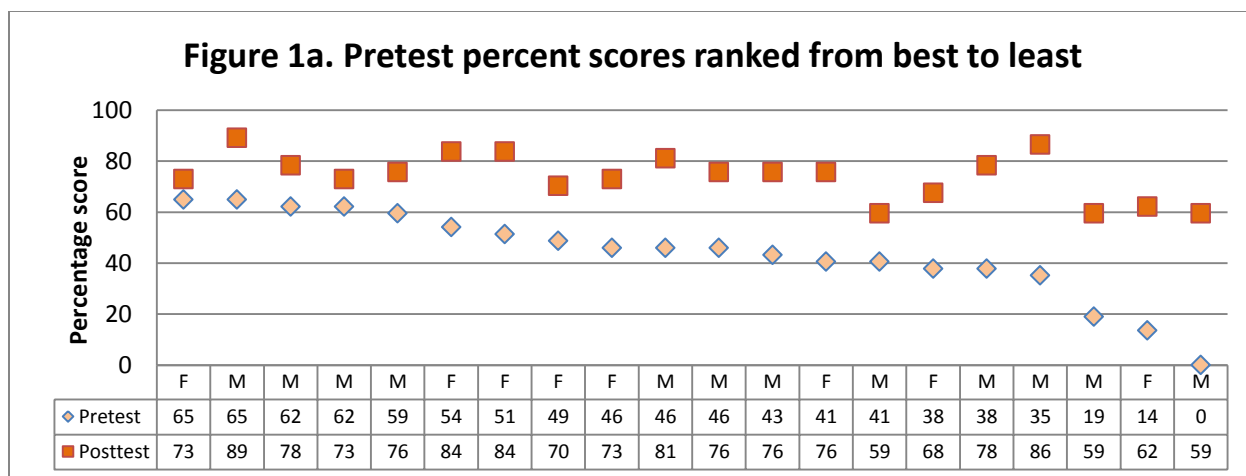
For the posttest, all participants scored higher marks (above 50%) (Figure 1b) compared to the pretest. The mean, maximum and minimum percentage scores were much higher than those for the pretest with a difference of 28, 24 and 46 percent respectively (Table 3a). Thus the results clearly show that the participants had improved their sweetpotato knowledge tremendously as a result of attending the 10 day ToT course on “Everything you ever wanted to know about sweetpotato”. **Appendix 8** presents the participants’ results of the two tests.

Table 3a: Participants’ Mean, maximum and minimum percentage scores for the pre and post tests

	Pretest	Posttest	Difference
Number of participants	19	20	
Mean score (%)	46	74	28
Maximum score (%)	65	89	24
Minimum score (%)	14	59	46

Table 3b: Participants’ test results by sex

		Pretest	Posttest	Difference
Number of participants	Female	8	8	
	Male	11	12	
Mean score (%)	Female	45	74	29
	Male	47	74	27
Maximum score (%)	Female	65	84	19
	Male	65	89	24
Minimum score (%)	Female	14	62	49
	Male	19	59	41



Participant evaluation

Daily evaluation

At the end of each day (except for days when participants were engaged in field activities) participants were asked to evaluate the technical sessions and logistical arrangements in terms of what went well and what did not go well. This was useful to the organizers in that it highlighted the concerns of the participants on a regular basis, and these were promptly attended to.

Course evaluation

At the end of the course, participants were asked to give their honest opinions on the relevance and effectiveness of the training program through a questionnaire. A summary analysis of the evaluations is shown in **Appendix 9**.

Participants' responses indicate that they were very satisfied and happy with the whole process of organizing and conducting the course as well as the content and outcomes. There was strong agreement (over 95%) that the knowledge and skills obtained from this training was relevant to their work and will help in sweetpotato production, utilization and marketing. Participants indicated that the training has enriched their knowledge and added to their skills on sweetpotato. They specifically mentioned the newly gained knowledge on the nutritive value of orange-fleshed sweetpotato that help in addressing vitamin A deficiency. A similar level of agreement was accorded to the facilitators' level of knowledge on the different topics they handled. Participants felt that facilitators were fully prepared hence their presentations were loud and clear. They indicated that they were given enough opportunities to ask questions and that facilitators gave satisfactory answers to all questions that the participants asked during the TOT. However, a few participants had problems in understanding some facilitators due to differences in pronouncing some words.

With regard to timing, length and venue of the course, the participants said these were highly synchronized and that all topics were covered within the stipulated time. Some, however, felt that time management was not good hence some shortcuts were taken in some instances and sometimes sessions were carried over to the following day. With regard to practicing the skills, some felt the practical sessions were adequate, while others felt there was not much time allocated to other practical sessions for them to fully learn by doing.

Despite the timing issues, the participants indicated that they had a high level (85%) of understanding the course content. They were confident that the training will translate into improved OFSP production (70% level of agreement); increased OFSP processing, utilization and marketing (80% level of agreement). The participants indicated that this will be possible, among others, if: 1) the training is stepped down to the grassroots, 2) there is

adequate availability of clean planting materials, 3) if the government of Nigeria will be ready to give support and 4) there is adequate advocacy, capacity building and awareness of OFSP.

Overall, the participants found all topics covered to be useful and very satisfactory. However, seven participants found the calculation exercise of vine multiplication to be a bit confusing. To improve the course participants recommended that incentives, especially allowances needed to be increased; there should be more time and better time management, as well as more practical sessions.

9.0 Lessons learned

Overall the success of the TOT training

- The participatory approach of the trainers and participants working as a team helped to achieve the training objectives.
- The structure of the modules made the whole training appear as one holistic package.
- Teamwork, joint planning and developing of presentations in a participatory way were considered very useful.
- The mix of group work, field exercises, plenary sessions and energizers helped participants assimilate the topics covered.

Selection of participants

- The choice of participants was considered very good; and all participants were dedicated and worked very hard. However, most participants were from the public sector (only one from private sector), which may not have sources of funding to step down the training they received. Future trainings should target more participants from non-governmental organizations and private sector, which may have higher chances of attracting OFSP investment.

Training manual content

- The content in the training manual on “Everything you ever wanted to know about sweetpotato” was considered comprehensive and adequate for the training but delivery and session plans needed to be improved to include more hands on / field activities. Time allocation in the manual was considered unrealistic and there may be need to cut down on content covered to focus on areas that would make a difference.
- Content on the modules on utilization and weed control was considered insufficient.
- The training materials developed by facilitators for the training in Tanzania were considered useful in guiding the development of training materials for Nigeria where there were very few CIP experts during the pre-training.

Pre-training

- The pre-training and training programs were well-structured and this helped the delivery process. However, the reduced size of CIP facilitators in Nigeria at both the pre-training and training sessions was felt negatively. ARMTI had strong and committed lecturers with an agricultural background who participated fully, but they were not sweetpotato experts. ARMTI felt that they would still need a pretraining session and the support of CIP on practical activities.
- The pre-training made it possible for individual trainers to work as a team and move from session to session without disruption.
- Sessions on adult teaching methods and techniques and facilitation skills during the pre-training and learning-by-doing were considered very useful.

Theory sessions

- Theory sessions need to be well-targeted towards the practicals.
- Presentations with PowerPoint and discussions drawing on participant experiences contributed to learning.
- Theory sessions should be reduced in scope and content and that only that which is pertinent should be covered to allow for better coverage and understanding.

Practical sessions

- More time should be allocated to practical sessions that encourage skills development and affect the attitude of the participants.
- Practical sessions should be done early in the day before it gets too hot.

Group sessions

- Allowed participants to get to know each other better and to build teams beyond the training session.
- Participants enjoyed group sessions and learned a lot from each other. Group sessions should therefore be given more prominence in future trainings because they brought answers to problems not included in the modules e.g. indigenous knowledge systems.

Factors that led to success of training

- Good environment with adequate training facilities with relevant training aids.
- Pre-training session for facilitators.
- Team spirit and collaboration between facilitators and participants.
- Good selection of facilitators and participants.

10.0 Conclusion

The training objectives were achieved and the capacity of national implementing agencies in Nigeria to drive uptake of orange-fleshed sweetpotato was improved. Participants acknowledged that they had learned everything they needed to know about sweetpotato and were equipped with skills to organize and deliver their own sweetpotato training course. Participants however expressed concern that a key barrier they foresaw in implementing their action plans was financial constraints; and requested that RAC writes a letter to their superiors for support in stepping down the training. The training was officially closed by Mr. Afolayan, S. O. - the Chief Executive of ARMTI. He congratulated the participants for successfully completing the 10-day training and presented certificates of attendance with support from Mr. Adiel Mbabu, the RAC project manager. They encouraged participants

to apply the new skills and knowledge acquired as a means of strengthening capacity to combat Vitamin A Deficiency and food insecurity in Africa.

11.0 Appendices

Appendix 1: Pre-training checklist

1. Course announcement

- Advertise the course print and electronic media to attract qualified applicants.
- Advertise course through CIP, RAK as well as regional and national networks.
- Send out training flyers.

2. TOT Course manual

- Print and collate sufficient copies of the training manual.

3. Develop the training schedule / agenda

- Draft a tentative training agenda
- Review draft and finalize training agenda

4. Identify resource persons / facilitators

- Identify and confirm resource persons from CIP.
- Identify and confirm resource persons from HKI
- Identify and confirm resource persons from AMRTI
- Identify and confirm resource persons from National Root Crops and Research Institute
- Send draft training schedule and manual to resource persons.
- Assign roles and responsibilities for developing training materials and delivering training (Chapter 13).

5. Selection of participants

- Using the selection criteria in the ToT manual (*District level government extensionists, team leaders from NGOs, national agricultural researchers, nutrition/health extensionist, leaders of farmer organizations, personnel from training and education institutions, agribusiness professionals who are in a position to influence practice or have the potential to do so in the short or medium term* (see pg. 7 & 230; Mozambique report), identify 20 RAC supported participants.
- Select 10 additional participants sponsored by self, employer or funding agency.

Some questions to guide selection:

- *Is the candidate active and training adults, practicing extension or NGO staff?*
- *Is the candidate interested in or working on sweetpotato?*
- *Is the candidate likely to train others / share their training experience with others?*
- *Is the candidate likely to invest in OFSP along the value chain?*

- *Is the candidate willing to participate and work in groups with others after the training?*
 - *Is there a gender / age balance?*
 - *Is there a public / private organization balance?*
 - *Among the participants – is there a social group balance e.g. wealth?*
 - *Are the participants from a range of different areas in the community - to ensure a good spatial spread of trainees from who other farmers can learn?*
 - *Minimum education qualification of a BSc / BA degree*
- Send confirmation letters and pre-course information to participants with details on training, venue, directions, transport details and other special requirements.
 - Develop full list of participant - include the following information: name, gender, organization, designation, address details, type of organization

6. Accommodation and meals

- Arrange for participants accommodation and meals (breakfast and dinner)
- Arrange for catering - lunches and teas

7. Transport

- Make transport arrangements for resource persons.
- Make transport arrangements for participants.
- Make transport arrangements to field trips / market / other visits.

8. Training room

- Reserve training venue - is the training room equipped: white / blackboard, projector, computer, lighting and curtains or blinds for viewing audio-visual aids? (make sure it is easy to locate and make signs if necessary).
- Reserve equipment / is the overhead projector working properly (focus and bulbs)?
- Ensure there are enough extension cords and power plugs
- Are there pointers to restrooms, coffee, water etc.?
- Is furniture arranged properly to ensure participants see the facilitator and audio-visual aids?
- Ensure other audio-visual equipment e.g. (DVD) and television, slide projector etc. are working properly.
- Ensure the flip chart has adequate paper and stand is steady.
- Ensure temperature is comfortable for participants.
- Upload Power Point presentations in a known location on the computer.
- Make sure you have a live internet connection.
- Make sure the projector is working.
- Arrange for breakout rooms for group activities / exercises.

- Ensure there are breakout rooms for group discussions.

9. Field /Demonstrations

- 5 Cutting knives
- 2 Watering cans
- Water
- 2 Hand hoes
- 6 Plastic basins
- Newspapers
- 5 Buckets
- 5 brooms
- 20 digging sticks
- 8 buckets for transporting the infested roots
- 8 sacks
- 20 transparent collecting pots or jars with lids with a few small holes made in them
- 20 magnifying lenses
- 50 weevil infested sweetpotato roots
- 20 wooden boards
- 20 sharp knives
- 40 dishes or plastic bags
- Scales
- Rope
- Measuring tape
- Spades
- Hoes
- Labels
- Sticks
- 5 Measuring cups
- 5 plastic containers (2kg root capacity)
- Chipping machine
- Raised drying rack
- At least 3 sample bags
- Labels
- Dry grass
- Bamboo poles
- Harvesting sticks,
- Branches
- Thatching grass
- String

10. Cookery materials

- Ingredients – Wheat flour, OFSP flour, vegetable oil, salt, sugar, citric acid or juice from 5 fruits, tamarind, passion, pineapple or orange juice,
- Cooking utensils – sauce pans, frying pan, cutting board, rolling pin, grater, fruit squeezer, food containers, bowls, plates, knives, jug, water, cooking stick, spoons, sieve, etc.
- 5 1 litre clean empty bottles
- Fridge
- Cooking equipment / stoves
- Cooking fuel
- Vitamin A-rich local foods – pumkins, pawpaw, OFSP, green leafy vegetables

11. Materials required

- Print and bind training manuals
- Print and collate course materials - handouts, presentations and notes (see chapter 13 for details and full list of materials to be printed)
 - 35 copies of blank template of sweetpotato activities calendar
 - 70 copies of blank template of sweetpotato dissemination plan
- Training schedule / agenda
- Print and collate sufficient copies of benchmark / post training tests.
- Print adequate copies of the Reflections sheet (see pg. 247)
- CIP OFSP catalogue
- Make name tags
- Registration forms
- Prepare and print participant attendance sheets
- Prepare and print participant action plan template to drive application of training
- Stationery – writing pads,
- A4 plain white paper
- Ball pens
- Pencils
- Coloured pencils including plenty of green, brown, orange and yellow ones
- Erasers
- Transparencies
- Sets of marker pens
- Calculator
- Stickers / post its
- Flip charts
- Manila paper
- Cards
- Masking tape
- Blue tack

- Cello tape
- Glue
- Whiteboard pens / Blackboard chalk
- Whiteboard / Blackboard eraser
- Scissors
- Pointer
- Extension cords for laptops
- Spare name tag holders
- Stapler and staples
- Paper punch
- Printer and cartridges
- Photocopier
- First aid items
- Bags
- T-shirts
- Caps

12. Certification

- Design and order / print certificates

13. Course materials

- Place all presentations on CDs / DVDs for participants.

14. Course evaluation and follow-up

- Prepare evaluation forms
- Prepare action plan sheet to drive application of training

Appendix 2: Session plans

PLAN OF DAY 1

Course:		Everything you ever wanted to know about sweetpotato				Period:	3 - 14 December, 2012	
Day	1	Date	3 December	Topic	Overview of importance of Sweet Potato			
Intended Learning Outcomes			At end of this session participants will be able to: -discuss the course programme and how it aims to prepare them for training others on sweet potato; - outline trends in sweet potato production and use; and - prepare two sweet potato dishes					
Duration:								

ACTIVITIES DURING DAY 1

Hou	Locatio	Activities	Duration	Instruction for Participants	Instruction for facilitators	Responsibility	Materials Required
	class	Introductory group activity	20mins	Participants and facilitators will introduce themselves	Ask each person to mention his/her name, organization and what he/she does in his/her organization	Njoku, J.C	
	class	Sharing and grouping of participants expectations	35mins	Participants formed into group	Participants asked to write their expectations about the course Facilitator fine tune the existing learning	Njoku, J.C/Olasore	Individual sticker, marker pens, masking tape

					outcomes as necessary		
	class	Test on sweet potato knowledge at start of course	20mins	Each participant to do knowledge test	Give each participant knowledge test to do	Njoku, J.C/Olasore	Photocopies of the sweetpotato knowledge test
	class	Overview of the training programme for this TOT course	10mins		Facilitator go through the TOT programme and discuss days and topics	Njoku, J.C./Olasore	PowerPoint, flip chart, markers
	class	Small group work on participants knowledge about sweetpotato history, cultural importance, production and utilisation trends, and the main problems faced by sweetpotato farmers	35mins	Participants formed into group of 5	Each group makes presentation on their group work. Participants make contributions on each presentation	Njoku, J.C/Olasore	PowerPoint, flip chart, markers
	class	Groups prepare an OFSP dish	90mins	Participants formed into group of 2	Recipes for preparing OFSP porridge handed over to representative of each group	Olasore/Njoku, J.C	Ingredients and cooking utensils and equipment and cooking fuel for groups to prepare OFSP porridge
	class	Presentation on the 'Origin and Importance of sweetpotato	45mins	Participants take note and ask questions	Presentation on the Origin and Importance of sweetpotato	Njoku, J.C/Olasore	PowerPoint, flip charts, marker pens, masking tape, stickers , note book

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PLAN OF DAY 1

Course:	Everything you ever wanted to know about sweetpotato				Period:	3 rd to 14 th December
Day	1	Date	3 rd December	Topic	Different varieties of sweetpotato and their characteristics	
Intended Learning Outcomes			At end of this session participants will: <ul style="list-style-type: none">- Understand key differences between sweetpotato varieties- Know about the key characteristics of at least 3 sweetpotato varieties suitable for their area/ region- Be able to help farmers identify the key characteristics they are looking for in a sweetpotato variety- Understand that varietal preference differs between people- Understand why care during harvesting is important for sweetpotato- Be able to conduct a variety ranking test (using red, yellow and green cards)- Be experienced in conducting a taste test (using red, yellow, and green cards)			
Duration:			3 hours 10 minutes			

ACTIVITIES DURING DAY 1

Hours	Location	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
4 - 4.30pm	Class room	Health Break	30 min				
4.30- 5.40pm		Presentation summary	20 min	Presentation summarizing : the natural diversity of sweetpotato; defining characteristics of different sweetpotato varieties; methods for on-farm testing of different sweetpotato varieties	Ask, add, comment on presentation	Njoku, J.C./Olasore, A.A./Jonathan Mkumbira	PowerPoint, flip chart, markers

		Group discussion (back in Class) on key factors differentiating sweetpotato varieties	10min	Group discussion on key factors differentiating sweetpotato varieties and which are important for which reasons	Let the group leaders discuss the key factors	Njoku, J.C./Olasore/ Jonathan Mkumbira	Flip Charts, markers
		Participants create promotion posters / training materials	40 min	Participants create promotion posters / training materials for the main sweetpotato varieties grown or suited to their location	Guide the 5 groups each to produce posters/training materials/and present in the plenary	Njoku, J.C./Olasore, A.A/ Jonathan Mkumbira	Flip Charts, markers

ACTIVITIES DURING DAY 2

Course:	Everything you ever wanted to know about sweetpotato					Period:	3 - 14 December, 2012
Day	2	Date	4 December	Topic	Sweetpotato knowledge portal		
Intended Learning Outcomes				At end of this session participants will: <ul style="list-style-type: none">- Register as members and derive maximum value from the Sweetpotato knowledge portal. Navigate and understand the key features of the portal and how to search for comprehensive information and knowledge. Understand how to upload relevant content onto the sweetpotato knowledge portal. Understand how to join a community of practice by subscribing to the Sweetpotato discussion groups to share and exchange information and knowledge in a dynamic way.			
Duration:				2 hours 30 minutes			

Hours	Local	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
08.00-08.05	Lecture room	Introducing the session	5 min	Participants listen and take notes	Facilitator introduces the topic, its objectives, and activities Facilitator presents results of the assessment of participant experience needs	Hilda Munyua	Manila paper, projector, note books, pens, flip chart
08.05-08.20		Lecture on what is a portal and overview of the Sweetpotato knowledge portal	15 min	Participants listen, take notes and ask questions	Facilitator presents a power point presentation	Luka Wanjohi	Projector, computers, internet connectivity, note books, pens, flip chart
08.20-08.50	Lecture room	Practical session on key features of the portal and registration	30min	Participants visit the portal site and register as members. Trainees open their email addresses to obtain their passwords and log in to the portal	Facilitators guide the trainees and take them step by step through registration and sends them a password	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Computes , projector, internet connectivity
08.50-09.20	Lecture room	Practical session on searching	30 min	Participants follow the instructions of the facilitator and search the portal for relevant information on sweetpotato. Participants ask questions if lost and note down challenges on post it stickers	Facilitators guide the trainees through various approaches of searching for information on the knowledge portal. Facilitators work with trainees who face challenges and support in the evenings collect post it stickers for further	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Computes, projector, internet connectivity, post it stickers
09.20-09.25		Energizer	5 min	Participants go round the room meeting 3 people they do not know	“Speed dating” Facilitator plays music and trainees go round the room as fast as they can and meet 3 people they do not know and share details on where they work, what they do, family status, and what attracted them to apply to this course	Hilda Munyua	Music
09.25-09.55	Lecture room	Practical session on uploading content on the portal	30 min	Participants follow the instructions of the facilitator and upload content on the portal. Participants ask questions and note down challenges on post it stickers	Facilitator guides the trainees through the various fields to be completed and attaching of content to be uploaded or link. Facilitators work with trainees who face challenges and support in the	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Computes, projector, internet connectivity, post it stickers

09.55.10.15	Lecture room	Practical session on subscribing to a D-Group	20min	Participants follow the instructions of the facilitator and subscribe to a D-group. Participants ask questions and note down challenges on post it	Facilitator guides the trainees through the various fields to be completed and attaching of content to be uploaded or link. Facilitators work with trainees who face	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Computes, projector, internet connectivity, post it stickers
10.15-10.20	Lecture room	Buzz session on how trainees have been using the Sweetpotato portal or why they would like to start using the portal.	5 min	Turn to your neighbor and find out how they have been using the sweetpotato portal or why they would like to start using it and record their responses on cards	Facilitators introduce the activity, guide the group and open the discussions. The facilitator then collects the cards and pins them on the board	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Cards, pens, masking tape
10.20-10.30	Lecture room	Question and answer session	5 min	Participants ask questions and note down what is still challenging and hand in cards with their names for follow-up and support .during their free time	Facilitators receive feedback from trainees and respond to questions. Facilitators encourage trainees to note down areas they still find challenging for further follow-up during their free time	Luka Wanjohi / Hilda Munyua / Olurinde, O. K	Cards, pens, masking tape
10.30-11.00		Health break					

ACTIVITIES DURING DAY 2

Hours	Location	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
11am-5pm	Field	Field trip	45 min	30 Participants split into 3 groups (for each group work in pairs)	a) Facilitators present the objectives, activities, duration of the topic and the reference material b) Divide the 30 participants into 3 groups. Let participants in each group work in pairs – Explain the reason for working in	Njoku, J.C./Olasore/Jonathan Mkumbira	
		Identify characteristics of different sweetpotato varieties in field	2hrs	Identify characteristics of different sweetpotato varieties in a nearby Field a) Foliage (20 min) Roots – dig up carefully (20 min), i) beta-carotene evaluation for storage	Guide the participants to use the descriptors. Let each pair work on two varieties. Guide the participants on: a) Foliage b) Choosing roots for i) beta-carotene determination		

		Conduct pre-harvest evaluation	1hr	Conduct field evaluation on: 1. Production of planting material 2. Assessment of SPVD 3. Assessment of weevil resistance 4. Assessment of yield ability 5. Assessment of root skin color 6..Root flesh color	Review the use of cards to assess sweetpotato attributes with participants.	Njoku, J.C./Olasore/Jonathan Mkumbira	Plenty of color cards (green, yellow, red), many bags for the bags, assessment forms for field and root taste evaluation
		Conduct post-harvest evaluation on storage root taste evaluation	2 hrs. 15 mins	Conduct assessment on: 1. Appearance after boiled 2. Storage root taste 3. assessment of starchiness 4. Fibrousness 5. Ranking of variety according to preference	a) Do the cooking in advance b) Explain to the participants the taste test protocol i) individual evaluation ii) group evaluation c) Three types of cards are used (Green, yellow and Red) Green means very acceptable, Yellow cards means give it another change or moderate acceptable and Red card means reject. The participants are divided according to gender with cards labeled M or F. These cards are cast from each to show acceptance.	Njoku, J.C./Olasore/Jonathan Mkumbira	Storage roots of the taste evaluation, cooking stoves and fuel, pans, water, matches, knives, taste test forms, pencils, Plenty of color cards (green, yellow, red), many bags for the bags, assessment forms for field and root taste evaluation.

PLAN FOR DAY 3

Course:	Everything you ever wanted to know about sweetpotato				Period:	5 th December, 2012
Day	3	Date	5 th December	Topic	Selecting, preserving and multiplying SP planting materials	
Intended Learning Outcomes			At end of this session participants will: - Be able to identify , select and maintain clean sweet potato seeds for planting - Understand the principles of positive selection and seed conservation - Understand multiplication rates, how varieties differ and multiplication plan Understand the principles for dry season conservation of planting materials			
Duration:			5hrs 30mins			

ACTIVITIES DURING DAY 3

Hours	Location	Activities	Duration	Instruction for	Instruction for	Responsibility	Materials required
8:00 – 9:00	ARMTI seminar room	Introduction session; facilitator to make presentation	20 minutes	Participants expectation Learning outcomes	Facilitators To present on identification and selection of healthy planting materials.	Echendu T. N. C	PowerPoint flip chart, markers
			10 minutes		Sweet potato preservation during dry season		
9:00-10:30			20 minutes		Seed and seed systems, planting material multiplication level,	Dr J C. Njoku/ Agili Silver	

		Facilitator to make presentation	90 min	Participants to listen and ask question	Facilitator to present on seed systems and Multiplication levels.	Agili Sammy Nwachukwu C. S.	PowerPoint pens, flip chart, markers, masking tape
10:30 - 11:00	ARMTI	Tea break					
11:00 - 12:00	ARMTI		60 min	Gender issues in Multiplication and Preservation of planting materials	Facilitators ask questions, facilitate discussion and summarize	Tessy Madu Nwachukwu C. S.	
1pm:00 - 2-00pm	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
2-4pm	FIELD TRIP		2hrs	Participants to identify methods of selecting good planting materials. Harvest and select roots for 3S system.	Facilitators to oversee the identification of good planting materials, and set up of Triple S System – Visit .Dr Njoku		
4-5	ARMTI class		1hr	Round up session DISCUSSION On field trip Lessons learned	Facilitator to hand over reflection forms	Echendu Nwachukwu	Flip charts Color cards

PLAN FOR DAY 4

Course:	Everything you ever wanted to know about sweetpotato					Period:	6 th Dec , 2012
Day	4	Date	6 th December	Topic	Pest and diseases of sweetpotato		
Intended Learning Outcomes				At end of this session participants will: - Be able to recognize main field and postharvest pests and diseases of sweet potato in Nigeria. - Recognize pests, diseases, life cycles and symptoms - Understand the importance and management of pests and diseases in sweetpotato production - Be able to identify pest management practices for pests and diseases			
Duration:				8 hours			

ACTIVITIES DURING DAY 4

Hours	Local	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
8:00 - 8.30	Classroom (IPU)	Introduction	30 min	Participants listen, Ask and answer questions	Facilitators present program and objectives for the day	Echendu	Power point, computer, Flip chart

				Participants take a small test	Facilitators discuss the test..		
8.30 9.0-	Classroom (IPU)	Presentation: sweet Potato insect pests	30mins	Participants discuss test with facilitators	Facilitators Discuss the prelim tests	Echendu	Power point computer, Pen paper
9.00-10.00 10.0-10.30		Presentation . Sweet potato insect pests	20 mins 10 mins 20 mins 10mins mins20 10mins	Description, Q&A session damage and Q&A session control Q&A	Facilitators present topic	Owoade	
10.30 – 11.00	Health break						

			15min 5mins	Control Q&A			
13.00 – 14.00	Lunch						
14.00 - 16.30	Field	Field exercises 1) Pest and diseases identification and sample collection in a sweet potato field,			Facilitators take participants to the field for pest and disease identification and management exercises	Echendu/Owoade	Field equipment hoes, cutlasses/collection jars etc.
16.30 - 1700	Classroom	2 group discussion on what was found			Facilitators oversee participants activities and facilitate discussion, and summarize conclusions	Echendu/Owoade	knives, paper bags, vials, magnifiers, markers, labels,

Hours	Local	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
		3) Roots dissection and identification of different life cycle stages 4) Calculations on infestation and infection level				Owoade/Echendu	
17:00-17:30	ARMTI Classroom	Reflection day's activities	30 min	Participants fill in reflection forms	Facilitators hand in reflection forms	Echendu/Owoade	Reflection forms

PLAN FOR DAY 5

Course:	Everything you ever wanted to know about sweetpotato				Period:	3 rd – 14 th December, 2012
Day	5	Date	7 th December	Topic	Sweetpotato production and crop management	

Intended Learning Outcomes	At end of this session, participants should be able to: -explain the stages of the sweetpotato crop cycle and the management implications of each stage, -help farmers set up a field experiment to compare different sweetpotato varieties, and -discuss the sweetpotato management practices.
Duration:	7 hours

ACTIVITIES DURING DAY 5

Hours	Local	Activities	Duration	Instruction for	Instruction for	Responsibility	Materials required
8:30 - 9:30	Class room	Introduction session	60 min	Participants expectation Learning outcomes Introduction to crop calendar	Facilitator to distribute idea cards and make power point presentation	Sammy Agili/Olasore	Power point, Notebook, pen
9:30 - 10:50		Crop calendar	80 min	Participants to divide into groups and perform crop calendar exercise	Facilitator to guide groups	Silver Tumwegamire/Olurinde	Flip chart, markers, masking tape, pencils.
10:50 – 11:20	Health break						
11:20 – 11:50		Facilitator to make presentation	30 min	Participants to listen and question	Facilitator to present on: planning sweetpotato, site selection and propagation, planting materials, intercropping procedures	Njoku, J.C/Olasore	PowerPoint, Flip chart, Marker, presenter, Projector.

11: 50 – 13:10	Seminar room	Presentation on the sweetpotato crop cycle (including post-harvest stages), participants to draw the crop cycle in their note books, and then following a discussion to add details of what has to be paid attention to during each stage.	80 mins	Participants to divide into groups and describe the life cycle of Sweetpotato crop.	Facilitator to guide groups	Sammy Agili/Olasore	Flip chart & Marker.
13:10 – 14:00	Catering	Lunch break					
14:00 - 14:30	Seminar room	Facilitator's presentation	30 min	Participants listen, register, make questions and answer questions	Facilitator presents on Crop physiology	Sammy Agili/Olasore	Power point, Flip chart, Marker, presenter,
14:30 - 15:00	Seminar room	Facilitator's Presentation	30 min	Participants listen, register, make questions and answer questions	Facilitator presents on Nutrient requirements	Njoku, J.C./Olurinde	Power point, Flip chart, Marker, presenter, Projector.
15:20 - 17:00	Field	Field practical	100 min	Participants to practice field planting of experiment, transect walk	Facilitators ask questions, facilitate discussion and summarize	Njoku, J.C./Olasore/Olurinde/Sammy Agili/Silver Tumwegamire	labels, measuring tape, rope, cuttings, labels, sticks, pens,

PLAN OF DAY 6

6

Course:	Everything you ever wanted to know about sweetpotato				Period:	19 th – 30 th November, 2012
Day	6	Date	10 th Dec	Topic	Orange-fleshed sweet potato (OFSP) and nutrition	
Intended Learning Outcomes			At end of this session participants will: <ul style="list-style-type: none">- Understand what a balanced diet is and why it is important- Understand how OFSP can contribute to reducing Vitamin A deficiency- Be able to understand how to create awareness for OFSP- Be able to prepare a child-friendly OFSP dish – linked under utilization- Understand the importance of the gender aspects of household nutrition – linked under gender			
Duration:						

ACTIVITIES DURING DAY 6

Hours	Local	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
8.00-8.30	Classroom	Introducing the session	30 min	Participants listen and record the information	Facilitator presents the topic, its objectives, activities and general program for the day	Owoade	Note books, pens, flip chart, PowerPoint,
8.30-9.00	Classroom	Brainstorming: What is a balanced diet? And Why balanced diet?	30min	Participants share their ideas on what is a balanced diet	Facilitators moderate brainstorm	Owoade	Colored cards, pens, masking tapes, flip charts.
9.00-10.00	Classroom	Group activity: How well balanced are our diets?	60 min Plan- 5mins Grp- 15mins Disc- 25mins	Participants perform the steps 1-4 (activity 4.7.1. ToT manual)	Facilitators introduce the activity, guides the group and opens the discussions	Owoade	Flip chart sheets, marker pens, and masking tape

11.00-12.00	Classroom	Power point/ presentation and discussions: Why Vitamin A and OFSP.	60min Pres – 40mins Q & A 20mins	Participants take notes of the explanation and ask questions	Facilitator presents a power point presentation on the topic, and answers any questions	Owoade/Tessy	Computer , projector, note books, pens, flip chart,
	Classroom	Dining from a vitamin A rich menu	60 min Plan-5min Grp-15mins Disc-35mins	Participants perform the steps 1-2, according to the ToT manual, activity 4.7.2.	Facilitators introduce the activity and moves around guiding the groups, ensuring that the all suggested steps are perform correctly and clarifying all doubts arising	Owoade	A4 sheets of paper and pens (actual examples of vitamin A rich local foods if available)
9.40–10.10	Classroom	Awareness activity – group work	60min Plan-30min	Participants in groups prepare an OFSP community awareness	Facilitators introduce the activity (10 min) and guide the groups to perform successfully	Owoade	A4 sheets of paper, pencils/pens
10.10-10.30	Classroom	Group presentation and discussion	20 min	Participants share their views about the strengths and weakness of the	Facilitators open the discussion and facilitate it	Owoade	Flip charts, marker pens
10.30-11.00	IPU	Health break				All	

Classroom (IPU)	Reflection day’s activities	10 min	Participants fill in reflection forms	Facilitators hand in reflection forms	All	Reflection forms
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PLAN OF DAY 7

Course:	Everything you ever wanted to know about sweetpotato				Period:	3 - 14 December, 2012
Day	7	Date	11 December	Topic	Marketing and value chains	
Intended Learning Outcomes			At end of this session participants will be able to: - Understand the opportunities and challenges in sweetpotato fresh root marketing - Understand the 5 pillars of marketing - Be familiar with Trader training modules - Be aware of how to select an appropriate process product - Know how to calculate marketing margins for fresh root trading - Know how to calculate marketing margins of processed products from flour or puree			
Duration:			8 hours			

ACTIVITIES DURING DAY 7

Hours	Location	Activities	Duration	Instruction for Participants	Instruction for facilitators	Responsibility	Materials Required
6.30 – 10.30	Offa central market	Market visit to Offa central market, Kwara State	180mins	Participants formed themselves into three groups	Ask each group to interview different groups of sweetpotato traders using interview guideline	A. U. Njoku and O. A. Oladunni	Offa central market, transport, notebooks and pens, photocopies of interview guideline
10.30 – 10.45	class	Brainstorming on the visit to the market	15mins	Participants share their interview experience	Ask the groups about their experience in the market	A. U. Njoku and O. A. Oladunni	Photocopies of the sweetpotato knowledge test
10.45 –	class	Presentations of	30mins	Representative of	Ask each group to	A. U. Njoku and	PowerPoint, flip

11.15		the groups on the market visit		each group makes presentation	make presentation on their market visit	O. A. Oladunni	chart, markers
11.15 – 11.40	class	Discussion on the group presentations	25mins	Participants are asked to contribute to the presentations	Facilitate discussions on each group presentation	A. U. Njoku and O. A. Oladunni	PowerPoint, flip chart, markers
11.40 - 12.10	Health break						
12.10 - 13.10	class	Participant given a written case study to calculate profit margin	60mins	Each participant to calculate the profit margin on the case study	Guide the participants to calculate gross margin using the case study	A. U. Njoku and O. A. Oladunni	Case study on Esther's sweetpotato costs and returns
13.10 – 13.50	class	Discussion on the case study	40mins	Participants to make contributions	Ask participants how they arrived on their answers	A. U. Njoku and O. A. Oladunni	Flip char and markers
13.50 – 14.50	Lunch break						
14.50 – 15.20	class	Brainstorming on five pillars of marketing	30mins	Participants share experiences on 5 pillars of marketing	Ask participants what they know about 5 pillars of marketing	A. U. Njoku and O. A. Oladunni	flip chart and markers
15.20 - 16.10	class	Role play to depict a typical market scene	50mins	Participants formed into 5 groups for role plays on marketing	Ask each group to present role play on marketing	A. U. Njoku and O. A. Oladunni	Chairs, flip charts, markers
16.10 - 16.30	class	Discussion on the role play	20mins	Participants make contributions on the role plays	Ask participants to comment on the role plays	A. U. Njoku and O. A. Oladunni	Flip chart and markers
16.30 – 17.00	class	Presentation on five pillars of marketing	30mins	Participants make contributions by sharing their experiences on	Ask the participants questions on 5 pillars of marketing	A. U. Njoku and O. A. Oladunni	Power point, flip chart and markers

				marketing of sweetpotato			
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PLAN FOR DAY 8

Course:	Everything you ever wanted to know about sweetpotato					Period:	3 rd – 14 th December, 2012
Day	8	Date	12 th December	Topic	Planning a dissemination program		
Intended Learning Outcomes				At end of this session participants will: <ul style="list-style-type: none">• Identify the key steps in dissemination approach (M & E);• Demonstrate planning using mass multiplication vs. Dissemination Voucher Method (DVM);• Design a dissemination structure to reach 5000 households;• Identify entrepreneurship opportunity in vine multiplication; and• Planning effective monitoring.			
Duration:				7 hours			

ACTIVITIES DURING DAY 8

Hours	Local	Activities	Duration	Instruction for participants	Instruction for facilitators	Responsibility	Materials required
8.00 - 9.00	Classroom	Feedback session	15 min	Two (2) Participants gives a recap of previous day activities.		J. Njoku	Note books, pens, flip chart, computer, projector
	Classroom	Icebreaker	5 min	Participants to comments on the specimen showed to them.	Facilitators will show case a specimen for icebreaker	Charles	

	Classroom	Review of module objectives	5 min	Express more of their expectations, if there is any.	Facilitator moderates the discussions.	Jonathan /Charles	PowerPoint, flip chart, markers, computer, projector
	Classroom	Introduction to Session	5 min	Participants listen	Facilitator presents the topic, its objectives, activities and general program for the day.	Jonathan /Charles	PowerPoint, flip chart, markers, computer, projector
	Classroom	Monitoring and Evaluation	30 min	a) Participants define M & E. b) Participants differentiate between M & E	Facilitator moderates the session	Jonathan /Charles	PowerPoint, flip chart, markers, computer, projector
9.00 – 10.30	Classroom	Understand how to Monitor a) establish indicators of efficiency, b)effectiveness and impact; c)set up systems to collect information relating to these indicators; d) collect and record the information; e)analyse the information; f) use the information to inform day-to-day management .	1 hr	Participant share their experience in setting objectives for data collection.	Facilitators moderate by introducing what, how and when to monitor in OFSP.	Godfrey / Charles	PowerPoint, flip chart, markers, computer, projector, Specimen of Form 12.5a, b & C
	Classroom	Identify the key steps in dissemination approach	30 min	Participants share their view and listen	Facilitators moderate the session and explain	Jonathan/ Charles	PowerPoint, flip chart, markers, computer, projector

10:30 – 11:30		Health break				All	
11.30 – 01.00	Farm visit	Explain methods of dissemination viz Mass Multiplication and Dissemination Voucher	30 min	Participants will be made to see, listen and ask question.	Facilitator will moderate all the field activities	J. Njoku / Charles	A nearby sweetpotato demo plot with two distinct varieties, planting material, a mixture of clean/ virus infected planting material, flip charts; marker pens; masking tape, copies of handouts 5.9.4a and 5.9.4b
	Field	Practical exercise on planning your multiplication and dissemination strategy (<i>see Activity 5.9.3</i>)	40 min	Participants will practice on their own in group	Facilitators work around to guide the session	Godfrey / Charles	As above
	Field	Group discussion comparing the strategies for different scenarios	20 min	Participant work in group		Godfrey / Charles	PowerPoint, flip chart, markers, computer, projector
01:00 – 02:00		LUNCH				All	
02:00 – 05:00		Presentation of result from different scenarios	20 min	Plenary presentations by group leader		Godfrey / Charles	Flip chart, markers.
		Identify the possible bottlenecks in planning dissemination	30 min	Participant will listen, see and ask question	Facilitators moderate the session and explain	Jonathan/ Charles	PowerPoint, flip chart, markers, computer, projector

	Energizer	5 min			Charles	
	Grouping the participants	5 min			J. Njoku	
	Practice designing a dissemination program for their area to reach 5000 households	40 min	Participant work in group	Facilitators goes round, moderate the session and explain	J. Njoku / Charles	PowerPoint, flip chart, markers, computer, projector
	Presentation summary	20 min	Plenary presentations by group leader	Facilitators moderate the discussion	J. Njoku	PowerPoint, flip chart, markers, computer, projector
	Identify entrepreneurship opportunity in vine multiplication.	20 min	Participants share their view and listen	Facilitators moderate the session and explain	Charles	PowerPoint, flip chart, markers, computer, projector
	Monitoring of OFSP dissemination	30 min	Participants listen and ask questions	Facilitators moderate the session and explain	J. Njoku and Godfrey	PowerPoint, flip chart, markers, computer, projector
	Question, Evaluation and close with a song	10 min			Charles	

ACTIVITIES DURING DAY 9

Course:	Everything you ever wanted to know about sweetpotato					Period:	3 rd –14 th December, 2012
Day	9	Date	13 th Dec 2012	Topic	Harvesting, processing and post-harvest management		
Intended Learning Outcomes				At end of this session participants will: - Know about the main aspect of sweetpotato harvesting, processing and post-harvest management - Understand how the processing and storage of OFSP affects its beta carotene content -			
Duration:				6 hours			

Hours	Local	Activities	Duration	Instruction for Participants	Instruction for facilitators	Responsibility	Materials required
8.00- 9.00	Classroom	Introducing the session	5 min	Participants listen and record the information	Facilitator presents the topic, its objectives, activities and general program for the day	Stanley	Note books, pens, flip chart
	Classroom	Brainstorming: What is a harvesting and storage? How and when do we harvest?	10 min	Participants share their ideas on harvesting and storage.	Facilitators moderate Brainstorm	Stanley	Colored cards, pens, masking tapes
	Classroom	Harvesting and storage methods and effect on beta carotene of OFSP?	20 min	Participant shares their experiences	Facilitators moderate the discussion	Nwachukwu S.	Flip chart sheets, marker pens, pencils and masking tape
	Classroom	Pre harvest and post-harvest curing	10 min	Participant share their experiences on curing sweetpotato.	Facilitator make presentation on curing techniques	Nwachukwu, S	Flip chart sheets, marker pens, pencils and power point presentation
	Classroom	Observation of OFSP chips dried for different days.	10 min	Participants work round the tables to observe and their observations.	Facilitators moderate the exercise and explain the reasons for the difference in color of samples.	Nwachukwu, S	Color cards, dried samples flip chart for recording, writing pad and pen for recording
	Classroom	Summaries of activities, discussions and question and answers.	5 min	Participants ask question and answers	Facilitator moderate the session	Nwachukwu, S	Flip chart sheets, marker pens, pencils and masking tape
9.00- 10.0	Classroom	Introduction of the topic food processing	5 min	Participants listen and record the information	Facilitator presents the topic, processing and its effect on beta carotene. Showing examples of chips dried for different days	Idowu, O.A	Computer power point presentation, notebook and pencils,

	Classroom	Brainstorming: What is processing? Why do we process? How many of you have processed before and what type of food? Has any of you process doughnut before? Has any of you process juice before?	15 min	Participants shared their ideas on what they know about processing.	Facilitator Moderate the brainstorming session and explained different type food processing techniques (boiling, steaming, roasting, and drying).	Idowu, O. A	Colored cards, pen, masking tapes, power point.
	Classroom	Introduction of different processing techniques used in sweetpotato processing.	5 min	Participant will be made to understand different food items that can be produced from sweetpotato and OFSP	Facilitator will list and explain all types food that can be produced from OFSP	Idowu O. A.	Slide show
	Classroom	Effect of processing on beta carotene content of OFSP.	30min	Participant will be made to know why we using only grating, boiling and flour techniques in the processing of OFSP doughnut.	Facilitators help the participant to identify what has happened to colour change of the OFSP samples. The longer the exposure of OFSP to processing the more the loss of beta carotene.	Idowu, O. A	A4 sheets of paper, pencils for them to write their observation and the paper graph to explain.
	Classroom	Sweetpotato can be used as animal feed	5min	Participant will be made to understand that sweetpotato can be used for animal feed	Facilitator will explain to the participant other usage of sweetpotato.	Idowu, O. A	Slide presentation

10.0-11.00	Farm visit	Harvest some storage roots, visit storage facility	50 min	Participants will be made to see and harvest some storage roots and place them in the storage facility	Facilitators will moderate all the field activities.	Nwachukwu, S.	Hoe for harvesting, cutlass, bamboo, dried shade.
	Class room	General discussion on the field activities and introduction of the processing practical	10min	Participant will share their view. Participants are made to understand what they will process i.e. doughnuts and juice from sweetpotato tubers	Facilitators open the discussion and facilitate it. Facilitators open the Discussion by showing them the flow chart and the recipes for the two products.	Nwachukwu, S and Idowu, O. A	Flip chart, marker. Flip charts, marker pens. Flip chart showing list recipe and flow chart
12.00-4.00	Classroom	Participants are grouped into 5 groups based on what they are going to produced. Each group will selected a folded paper to choose what to do.	10 min	A leader is chosen among the group whom the facilitator will be given instruction on what to do. Washing of hands must be done by the leaders who will handle food.	Facilitators give each leader samples that they will work with (pre-processed samples).	Idowu, O. A	Pre-processed samples that they will work with are presented to leaders.
	Laboratory /Kitchen	Participants are monitored on what they are doing.	10 min	The leader of the team is bush processing the food items while other gives a helping hand.	Facilitator goes around monitoring what is been done, making sure they are doing the correct thing.	Idowu, O. A	All frying ingredients must be made available.

	Laboratory /Kitchen	All processing activities are putting into completion. All area where work is done cleaned.	50 min	Participants busy with their production.	Facilitator goes around asking about problems that the participant might have during the course of preparations.	Idowu, O. A	Note books, pens, flip chart
	Classroom	Presentation of work by group leaders.	10 min	Participants now have ideas on how to process doughnut and Juice from OFSP tubers using boiled mashed, grated and flour	Facilitators moderate the session by given a follow-up explanation and answers to questions they might have asked during the course of their processing.	Idowu, O.A	Colored cards, pens, masking tapes Flip chart. Picture of product taken.
	Classroom	Reflection on day's activities	25 min	Participants fill in reflection Forms	Facilitators hand in reflection forms	Idowu, O. A	Reflection forms

Appendix 3: List of Participants

No.		Name	Sex	Organization	Designation	Address	Town	Country	Office Telephone	Mobile No. +234	Email (Official)	Email (Personal)
1	Mr	Abah Joseph Taazenga	M	Benue State Agricultural and Rural Development Authority	Deputy Director	BNARDA Headquarters	Makurdi	Nigeria		8050887271		ahahjoseph@gmail.com
2	Mr	Adedokun Adegbola Rufus	M	POGMAN	Member	Amayo Rod Ilorin	Amayo	Nigeria		8038603310	-	adedokunrufus@gmail.com
3	Mr	Adewuyi Moses	M	AACE Foods Ltd	Production Supervisor	Erinko Estate along Ijoko Road, Sango-Ota, Ogun State	Sango-Ota	Nigeria	8160127117	8056614960	madewuyi@acefoods.com	moseso.star@yahoo.com
4	Mr	Afolabi, Gideon Olusegun	M	POGMAN	Member	7 Owode Otupepeye Rd	Oyan	Nigeria		8026291793		goafolabi2012@gmail.com
5	Mr	Akabueze Edwin	M	Potato Farmers Association of Nigeria (POFAN)	Chairman FCT	N01 Mabolo Close Wuse Zone 2	Abuja	Nigeria	7030485130	8032629184	potatofarmersassnig@yahoo.com	sunnyjames2007@yahoo.com
6	Mr	Balarabe Umar	M	Kaduna Agricultural Development Project	Assistant Director (Crops)	PMB	Kaduna	Nigeria		803789200	kadphq@yahoo.com	balarabe.Umar@yahoo.com
7	Mr	Bulus Garba	M	Federal Capital Territory Agricultural Development Project (FCT-ADP)	Assistant Chief Agricultural Superintendent (Crop)	PMB 165 6arki, Gwagwalada	Abuja	Nigeria		8035916446	fct1990@yahoo.com	bulusg@rocketmail.com
8	Ms	Deborah Buku	F	Kaduna Agricultural Development Program	Head WIA	No 11 Race Course Road PMB 2269	Kaduna	Nigeria	62248212	8033895547	KaduHQ@yahoo.com	deborabhuku@gmail.com

9	Ms	Faniyi Ibironke Mojisola	F	Kwara Agricultural Development Project	Subject Matter Specialist	KWADP	Ilorin	Nigeria		8051108679 8068713284		moji4u2talk2@yahoo.com
10	Ms	Grace J Edeh	F	Nasarawa Agricultural Development Program	Assistant Director (Extension)	Makirdi Road, Lafia	Lafia	Nigeria		8038648302	nassarawanadp@yahoo.com	graceede55@yahoo.com
11	Ms	Igbana Veronica T	F	Benue Agricultural Development Program	Subject Matter Specialist (Crop)	P O Box 1648	Makurdi	Nigeria		8060403795	-	igbanaveronica@gmail.com
12	Ms	Iheonu Erinma Mary	F	FCT Agricultural Development Program	Chief Agricultural Superintendent (RID) Deputy Head	FCTDP P M B 165 Garki	Abuja	Nigeria		7039893860	FCTAdp990@yahoo.com	ErinmaIheonu@gmail.com
13	Mr	Isu Godwin	M	Ebonyi State Agricultural Development Program	Zonal Extension Officer	P M B 040 Onuebonyi	Abakaliki	Nigeria	8039470416	8064010006	-	isugodwin@ym.com
14	Mr	Jiyan Ndanusa Samson	M	Kwara Agricultural Development Project	Subject Matter Specialist (Crop)	Ilorin	Ilorin	Nigeria		8061671877		samsonndanusajiyen@gmail.com
15	Ms	Mordi-Onota Bernadette	F	National Program for Food Security	National Facilitator Nut / Health	P O Box 325 PCU Gwagwalada	Abuja	Nigeria		8033947191	-	benmoronoth@yahoo.com
16	Mr	Mustapha Yakubu N	M	Nasarawa Agricultural Development Program	Subject Matter Specialist (Crops)	NAPD Headquarters Makurdi Road, Lafia	Lafia	Nigeria		8035148761	nassarawanadp@yahoo.com	mustyyakubu@gmail.com
17	Ms	Nwali Perpetual Nkechi	F	Potato Farmers Association of Nigeria (POFAN)	Secretary	N01 Ma bolo Close Wuse Zone 2	Abuja	Nigeria	7030485130	7030566409	potatofarmersassonig@yahoo.com	perpetualnwali@gmail.com
18	Mr	Ogah Daniel	M	Ebonyi State Agricultural Development Program	Zonal Extension Officer	P M B 040	Abakaliki	Nigeria	8039470416	7065695371	-	danielogah2012@gmail.com

19	Ms	Oluwasanmi Felicia Adeleye	F	Osun State Agricultural Development Program	ACARO Subject Matter Specialist (Crops)	P O Box 113	Osogbo	Nigeria	8033950320	8038565572	ossadep@yahoo.org.in	fellifortunate@gmail.com
20	Mr	Omolade Moses Ademiju	M	Osun State Agricultural Development Program	Subject Matter Specialist (Crops)	P O Box 775	Ilesa	Nigeria	8033950320	8033786740	ossadep@yahoo.org.in	omoledemoses@yahoo.com

Appendix 4: List of Facilitators

No.	Title	Name	Sex	Organization	Designation	Address	Town	Country	Code	Office Telephone	Mobile No.	Email
1	Mr	Abiodun A. Olasore	M	Agricultural and Rural Management Training Institute	Principal Management Development Officer	P.M.B 1343 ILOLIN NIGERIA	Ilorin	Nigeria	234	7086450193	8036138853	aaolasore@yahoo.com
2	Mr	Abraham Oyeyei Idowu	M	Federal Polytechnic, Offa, Kwara State	Principal Lecturer	P.O Box 420 Offa, Kwara State Nigeria	Offa	Nigeria	234	8053672008	8053672008	idowua56@yahoo.com
3	Mr	Anthony Uzoma Njoku	M	Agricultural and Rural Management Training Institute	Director of Training	P.M.B 1343 ILOLIN NIGERIA	Ilorin	Nigeria	234	8033586006	8033586006	aunjoku@arnti.org njokuzo@yahoo.com
4	Mr	Charles Farayola	M	Agricultural and Rural Management Training Institute	Management Development Officer I	P.M.B 1343 ILOLIN NIGERIA	Ilorin	Nigeria	234	8033645852	8024551110	walecharless@yahoo.com
5	Mr	Frank Ojwang	M	International Potato Center	Research & Office Asst	ILRI Campus, Old Naivasha Road, Box 25171-00606	Nairobi	Kenya	254	203223640	722470854	f.ojwang@cgiar.org
6	Mr	Godfrey Mulongo	M	International Potato Center	Regional Monitoring and Evaluation Specialist	Manara Road, Plot 10. Ada Estate PO Box 34424 Dar es Salaam, Tanzania	Dar es Salaam	Tanzania	255	222668464	788 821 212	g.mulongo@cgiar.org
7	Dr	Hilda Munyua	F	International Potato Center	Regional Communication and Training Specialist	ILRI Campus, Old Naivasha Road, Box 25171-00606	Nairobi	Kenya	254	711033671 20422 3671	720297464	H.munyua@cgiar.org hmmunyua@gmail.com

8	Dr	Jonathan Mkumbira	M	International Potato Center	Regional Agronomist	Nyanza Properties Building 4th Floor, Plot 42, Uhuru Street P.O. Box 2672 Mwanza, Tanzania	Mwanza	Tanzania	255	28254 0849	689 591 455	j.mkumbira@cgiar.org
9	Dr	Jude Chukwubueze Njoku	M	National Root Crops Research Institute Umudike / International Potato Center	Head of Station - Nyanya Substation /RAC Technical Lead - Nigeria	c/o Helen Keller International No. 6B Bambui Street, Wuse 2, Abuja	Abuja	Nigeria	234	8035479261	8035479261	J.Njoku@cgiar.org jcnjoku@yahoo.com
10	Mr	Kingsley Olusola Olurinde	M	Agricultural and Rural Management Training Institute	Management Development Officer	P.M.B 1343ILORINNIGERIA	Ilorin	Nigeria	234	8034445878	-	okolurinde@yahoo.com
11	Mr	Luka Wanjohi	M	International Potato Center	Research Info. Systems and Data Officer	ILRI Campus, Old Naivasha Road, Box 25171-00606	Nairobi	Kenya	254	204223632	734574041	l.wanjohi@cgiar.org
12	Dr	Marion O. Adekeye	F	Kwara State Ministry of Health	Assistant State Epidemiologist		Ilorin	Nigeria	234			
13	Dr	Olufemi Oladunni	M	Agricultural and Rural Management Training Institute	Head of Department, Rural Development and Gender Issues	P.M.B 1343 ILORIN NIGERIA	Ilorin	Nigeria	234		8036672651	femioladunni2005@yahoo.com or_oaladunni@armti.org
14	Dr	Rasheed Adeyinka Owoade	M	Agricultural and Rural Management Training Institute	Principal Management Development Officer	P.M.B 1343 ILORIN NIGERIA	Ilorin	Nigeria	234	8035846971	-	rasheed.owoade@yahoo.com
15	Dr	Sammy Agili	M	International Potato Center	Sweetpotato Breeder	ILRI Campus, Old Naivasha Road, Box 25171-00606	Nairobi	Kenya	254	020-4223613	0722-365784	s.agili@cgiar.org

16	Mr	Stanley Chibueze Nwachukwu	M	Agricultural and Rural Management Training Institute	Management Development Officer II	P.M.B 1343 ILOLIN NIGERIA	Ilorin	Nigeria	234	8059456377	8063897912	achibe2001@yahoo.com or stanley4nwachukwu@gmail.com
17	Mrs	Tessy Madu	F	National Root Crops Research Institute Umudike,	Research Officer	P.M.B 7006 Umuahia Nigeria	Umudike	Nigeria	234	8033643484	8033643484	tessymadu@yahoo.co.uk
18	Dr	Thank-God Nnamdi Echendu	M	National Root Crops Research Institute Umudike, Sweetpotato Programme	Director and Head of Sweetpotato Programme	P.M.B 7006 Umuahia Nigeria	Umudike	Nigeria	234	8037419454	8037419454	tncechendu@yahoo.com

Appendix 5: Training Program

WEEK 1		TIME	FACILITATORS
DAY/DATE	SESSION / TOPICS		-
DAY 1			
MONDAY <i>3rd Dec</i>	Registration	08.30-09.00	All
	Welcome remarks	09.00-09.10	Dr. Olufemi Oladunni
	Opening remarks		
	RAC	09.25-09.35	Dr. Jude Njoku
	ARMTI	09.35-09.45	Mr. Anthony Njoku
	Group photo	09.45-10.00	All
HEALTH BREAK		10.00-10.30	
	Introductions, expectations and fears	10.30-11.00	Dr. Hilda Munyua
		11.00-11.05	“
	Setting house rules	11.05-11.15	Mr. Godfrey Mulongo
	Overview of RAC project	11.10-11.20	Dr. Jonathan Mkumbira
	Course overview and learning objectives	11.20-11.50	Dr. Jude Njoku,
	Benchmark assessment	11.50-13.00	Dr. Jude Njoku, Dr Oladunni, O.A. and Mr. Olasore, A. A.
	Overview of importance of sweetpotato		
LUNCH		13.00-14.00	
	Gender and diversity	14.00-16.00	Mrs. Tessy Madu
	Sweetpotato varieties and their characteristics	16.00-17.00	Dr. Jude Njoku, Dr. Jonathan Mkumbira, and Mr. Olasore, A. A.

DAY 2			
TUESDAY <i>4th Dec</i>	Sweetpotato knowledge portal	08.00-10.30	Mr. Luka Wanjohi, Dr. Hilda Munyua and Mr. Olurinde, O. K.
HEALTH BREAK		10.30-11.00	
	Sweetpotato varieties and their characteristics	11.00-13.00	Dr. Jude Njoku, Dr. Jonathan Mkumbira, and Mr. Olasore, A. A.
LUNCH		13.00-14.00	
	Sweetpotato varieties and their characteristics continued	14.00-17.00	Dr. Jude Njoku, Dr. Jonathan Mkumbira, and Mr. Olasore, A. A
DAY 3			
WEDNESDAY <i>5th Dec</i>	Selecting, preserving and multiplying sweetpotato planting materials	08.00-09.30 09.30-10.30	Dr. Sammy Agili, Dr. Jude Njoku, Mr. Nwachukwu, S.C. and Dr. Echendu, T.N.C.
HEALTH BREAK		10.30-11.00	
	Selecting, preserving and multiplying sweetpotato planting materials	11.00-13.00	Dr. Sammy Agili, Dr. Jude Njoku, Mr. Nwachukwu, S.C. and Dr. Echendu, T.N.C.
LUNCH		13.00-14.00	
	Selecting, preserving and multiplying sweetpotato planting materials continued	14.00-15.00	Dr. Sammy Agili, Dr. Jude Njoku, Mr. Nwachukwu, S.C. and Dr. Echendu, T.N.C.
	Gender issues	15.00-17.00	Mrs. Tessy Madu
DAY 4			
THURSDAY <i>6th Dec</i>	Sweetpotato pests and diseases and their management	08.00-10.30	Dr. Echendu, T.N.C. and Dr. Owoade, R.A.
HEALTH BREAK		10.30-11.00	
	Sweetpotato pests and diseases and	11.00-11.30	Dr. Echendu, T.N.C. and Dr.

	their management		Owoade, R.A.
	Sweetpotato pests and diseases and their management	11.30-13.00	Dr. Echendu, T.N.C. and Dr. Owoade, R.A.
LUNCH		13.00-14.00	
	Nutrition and gender	14.00-15.00	Mrs. Tessy Madu, Dr. Rasheed Owoade, Dr. Adekeye
	Monitoring and evaluation	15.00-17.00	Mr. Godfrey Mulongo
DAY 5			
FRIDAY <i>7th Dec</i>	Sweetpotato production and crop management	08.00-10.30	Dr. Jude Njoku, Dr. Olasore, A.A. and Mr. Olurinde, O.K.
HEALTH BREAK		10.30-11.00	
	Sweetpotato production and crop management continued	11.00-13.00	Dr. Jude Njoku, Dr. Olasore, A.A. and Mr. Olurinde, O.K.
LUNCH		13.00-14.00	
	Sweetpotato production and crop management continued	14.00-17.00	Dr. Jude Njoku, Dr. Olasore, A.A. and Mr. Olurinde, O.K.
DAY 6			
MONDAY <i>10th Dec</i>	Nutrition and OFSP.	08.00-10.30	Dr Adekeye and Dr. Rasheed Owoade
HEALTH BREAK		10.30-11.00	
	Nutrition and OFSP.	11.00-13.00	Dr Adekeye and Dr. Rasheed Owoade
LUNCH		13.00-14.00	
	Nutrition and OFSP.	14.00-15.00	Dr Adekeye and Dr. Rasheed Owoade
	Facilitation skills	15.00-17.00	Dr Jude Njoku and Dr Jonathan Mkumbira
DAY 7			

TUESDAY <i>11th Dec</i>	Marketing and value chains <i>Market visit, experience sharing and brainstorming</i>	06.30-10.30	Mr. Anthony Njoku. and Dr. Oladunni, L.O.
HEALTH BREAK		10.30-11.00	
	Marketing and value chains	11.00-13.00	Mr. Anthony Njoku. and Mr. Oladunni, L.O.
LUNCH		13.00-14.00	
	Marketing and value chains	14.00-17.00	Mr. Anthony Njoku. And Mr. Oladunni, L.O.
DAY 8			
WEDNESDAY <i>12th Dec</i>	Planning a dissemination program	08.00-10.30	Dr. Jonathan Mkumbira, Dr. Jude Njoku, Mr. Farayola, Charles O. and Dr. Oladunni, A.O
HEALTH BREAK		10.30-11.00	
	Planning a dissemination program	11.00-13.00	Dr. Jonathan Mkumbira, Dr. Jude Njoku, Mr. Farayola, Charles O. and Mr. Oladunni, A.O
LUNCH		13.00-14.00	
	Planning a dissemination program	14.00-17.00	Dr. Jonathan Mkumbira, Dr. Jude Njoku, Mr. Farayola, Charles O. and Mr. Oladunni, A.O
DAY 9			
THURSDAY <i>13th Dec</i>	Harvesting, processing and post-harvest management	08.00-10.30	Dr Jonathan Mkumbira, Mr. Nwachukwu, C.S. and Mr. Idowu, O.A.
HEALTH BREAK		10.30-11.00	
	Harvesting, processing and post-	11.00-13.00	Dr Jonathan Mkumbira, Mr. Nwachukwu, C.S. and Mr.

	harvest management		Idowu, O.A
LUNCH		13.00-14.00	
	Harvesting, processing and post-harvest management	14.00-17.00	Dr Jonathan Mkumbira, Mr. Nwachukwu, C.S. and Mr. Idowu, O.A
DAY 10			
FRIDAY <i>14th Dec</i>	Planning to train others on “Everything you need to know about sweetpotato”	08.00-10.00	Dr. Hilda Munyua, Dr. Jude Njoku, Mr. Anthony Njoku, and Dr. Jonathan Mkumbira
	Action plans	10.00-10.30	Dr. Jonathan Mkumbira, Dr. Jude Njoku Mr. A. Njoku , Dr. Hilda Munyua
HEALTH BREAK		10.30-11.00	
	Participants post-course assessment	11.00-11.30	Dr. Jude Njoku
	Course evaluation	11.30-12.00	Mr. A. Njoku
	Closing and presentation of certificates	12.00-13.00	Dr. Adiel Mbabu, Dr. Ima Chima, Mr. Afolayan, S. O., Mr. Anthony Njoku, Dr. Jude Njoku, Dr. Jonathan Mkumbira and Dr. Hilda Munyua
LUNCH		13.00-14.00	
	Meeting of all facilitators to capture lessons learned	14.00-15.00	Dr. Adiel Mbabu

Appendix 6: Participants expectations and fears

EXPECTATIONS

- To know all things about potato from seed to feed.
- To increase my knowledge on sweetpotato so as to inform my association.
- Be able to know all about sweetpotato.
- To know everything about sweetpotato to be able to impart effectively on others.
- After the program I am expecting to know more about sweetpotato.
- Gain more knowledge about sweetpotato.
- To know more on the production of sweetpotato.
- To know more about the nutrition of OFSP
- To know the various use it can be put to and its preservation.
- To have an in-depth knowledge of its usefulness to the human body.
- Learn more than what I know concerning processing, marketing of OFSP.
- To know countries / nations which are making a future with sweetpotato.
- The program should be comprehensive enough.
- To be very sound and practical in production, processing and marketing of sweetpotato.
- To know the real origin of sweetpotato.
- How orange fleshed sweetpotato was subsidized or developed.
- To have gained adequate knowledge about the OFSP.
- To be better than what I was before I came.
- To be well equipped.
- I should be properly trained and equipped for the way towards the expansion of OFSP and program / project To meet people of different tribes and classes.
- To know what the RAC project is all about.
- To be able to be a good RAC agent of change and TOT.
- To know how to improve the welfare and empowerment of women.
- To acquire more knowledge about sweetpotato and how to impact that knowledge to farmers.
- After the training I should be able to make an impact on the life of targeted farmers.
- To make the community and my organization happy and make me trustworthy.
- To touch the life of the sweetpotato producers in Nigeria and overseas.
- To meet contacts who will help my organization in marketing, processing, utilization of sweetpotato.
- To be best among all the trainers.
- To follow up the needed task up to the final.
- To yield great fruit as expected of me.
- To be part of the gender campaign teams.
- The organizers should write to my director – FCT ADP on the need to empower me to disseminate the knowledge to the grassroots / farmers / groups.

FEARS

- To waste this 10 days on what I already know.
- Whether after this course we can step down the TOT to the beneficiaries.
- Lack of funds to step down the training to NPFS sites and other rural communities.
- Sponsorship by my organization to train others.
- Shall there be any financial assistance to cushion the conditions of participants in the training program?
- Shall the required course topics be diligently delivered?
- Not being able to know everything I would want to know about sweetpotato.
- I don't want this knowledge to die with me, I want it passed to others – farmers / groups / farmers cooperatives.
- Logistic to implement the much gained knowledge on sweetpotato.
- Follow-up of the training so as to keep the focus fresh.
- Courage or boldness to ask detail question.
- Meeting trustworthy people in the business world.
- If I cannot achieve anything in this training that is - if I cannot justify my coming to the training.
- If I cannot deliver successfully do what I have been taught in the training.
- Fear of power failure.
- Ill health and boredom.
- That the program should not end incomplete but be completed to target point.
- I will be unhappy if I do not meet my expectation.
- Not to miss out in any of the program activities either as a result of ill health as such.

Appendix 7: Participants Action Plans

RAC Training of trainers (TOT) Course- “Everything you ever wanted to know about sweetpotato” 2012

Training Action Plan

The purpose of the action plan is to help participants of the first 10-day TOT Course on “everything you ever wanted to know about sweetpotato” to apply the new knowledge and skills acquired. The action plan is to be developed over the second week of training to allow for comments and inputs from peers and training facilitators. A copy of the final action plan is to be submitted to the facilitator on the last day of training.

Name: Abah Joseph	Organization: Benue state	Date: 13-12-2012
What were your reasons for taking the course? <ol style="list-style-type: none"> 1. Acquire knowledge on selecting, preserving and multiplying sweet potato planting materials 2. Acquire more knowledge on marketing, entrepreneurship and value chain 3. Have an overall knowledge about orange-fleshed sweet potato 4. Value chain and value addition on sweet potato 		
What is your plan upon completing the course? Undertake a holistic step down of the knowledge acquired in the training to the other key actors (ext agents, farmers, NGOs etc.) in the sweet potato production and utilization chain.		
What is the name of the planned course? “TOT on all that one needs to know about sweet potato”		
What are the tentative dates for the training?	Start: March	End: April
Who is the target audience for the course (state category/ies of persons to be trained)? Extension agents, health workers, key farmers, NGOs.		
What are the challenges / barriers that you propose to address / reduce by implementing the course?		
What are the expected outcomes? <ol style="list-style-type: none"> 1. Participants should be well equipped with the knowledge of production, processing of FSP 2. Participants should be able to trickle down the knowledge to farmers for increased production 3. Majority of communities should adopt and expand the production of FSP vars. 		
How many people do you propose to train 30 people (12 EAS; 3 traders, 8 farmers, 3 health workers, 2 processors, 2 WLA directors)		
Who will comprise your training support team? <ol style="list-style-type: none"> 1. Director extension 2. Director PME 3. Agronomists (UAM) 4. Entomologist (ungric nmo) 5. Medical Dr. (nutrition specialist) 6. ICT specialist 7. Agric economist 8. Technologists 9. Pathologist (plant) 		
Estimated budget? ₦1.2m	Tentative source of funding? 1. CIP- ₦1.4m 2, Benue ADP. ₦500000.00	
Signature of participant:		signature of training facilitator:

RAC Training of trainers (TOT) Course- “Everything you ever wanted to know about sweetpotato” 2012

Training Action Plan

The purpose of the action plan is to help participants of the first 10-day TOT Course on “everything you ever wanted to know about sweetpotato” to apply the new knowledge and skills acquired. The action plan is to be developed over the second week of training to allow for comments and inputs from peers and training facilitators. A copy of the final action plan is to be submitted to the facilitator on the last day of training.

Name: Adedokun Rufus	Organization: PUGPMAN	Date: 10-12-012
What were your reasons for taking the course? To be equipped on everything I want to know about sweet potato		
What is your plan upon completing the course? To impact the acquired knowledge to the farmer leader and farmer association on potato (OFSP)		
What is the name of the planned course? What you should know about orange flesh sweet potato		
What are the tentative dates for the training? Start: 10/02/012 End: 15/02/013		
Who is the target audience for the course (state category/ies of persons to be trained)? A sweet potato association leader, farmer cooperative		
What are the challenges / barriers that you propose to address / reduce by implementing the course?		
What are the expected outcomes? They should be able to disseminate the acquired knowledge on U A to the farmer		
How many people do you propose to train 10 people		
Who will compromise your training support team? Trained from Ogun state		
Estimated budget? 1800,000		Tentative source of funding? POGPMAN
Signature of participant:		signature of training facilitator:

RAC Training of trainers (TOT) Course- “Everything you ever wanted to know about sweetpotato” 2012

Training Action Plan

The purpose of the action plan is to help participants of the first 10-day TOT Course on “everything you ever wanted to know about sweetpotato” to apply the new knowledge and skills acquired. The action plan is to be developed over the second week of training to allow for comments and inputs from peers and training facilitators. A copy of the final action plan is to be submitted to the facilitator on the last day of training.

Name: ADEWUYI MOSES	Organization: AACE FOODS LTD	Date: 14-12-12
What were your reasons for taking the course? To learn on “everything you ever wanted to know about sweet potato” Majorly on the production, marketing , management , processing and utilization of OFSP		
What is your plan upon completing the course? <ul style="list-style-type: none"> To advocate on the use of OFSP to combat vitamin A deficiency To add value to OFSP Also to provide the linkage to the market value after production 		
What is the name of the planned course? PROCESSING AND UTILISING OF OFSP		
What are the tentative dates for the training? Start: 7 TH Jan 2013 End: 11 th Jan 2013		
Who is the target audience for the course (state category/ies of persons to be trained)? Small medium enterprises (SME) Organisation/company on Agro-processing company, majorly target the product development/ production department.		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Processing equipment such as; drying process, chipping process, peeling process and recipe modification		
What are the expected outcomes? <ul style="list-style-type: none"> New product from OFSP Marketing the product from OFSP Acceptable product in conformity with SOP/GMP 		
How many people do you propose to train 10-20 People		
Who will compromise your training support team? <ul style="list-style-type: none"> Production dept. research/ development dept. Production dept., product development dept. and marketing dept. 		
Estimated budget? ₦500,000		Tentative source of funding? Organization, AACE FOODS LTD
Signature of participant:		signature of training facilitator:

RAC Training of trainers (TOT) Course- “Everything you ever wanted to know about sweetpotato” 2012

Training Action Plan

The purpose of the action plan is to help participants of the first 10-day TOT Course on “everything you ever wanted to know about sweetpotato” to apply the new knowledge and skills acquired. The action plan is to be developed over the second week of training to allow for comments and inputs from peers and training facilitators. A copy of the final action plan is to be submitted to the facilitator on the last day of training.

Name: AFOLABI G.O.	Organization: POGMAN OGUN	
Date: 10/12/12		
What were your reasons for taking the course? To be equipped and acquire knowledge on everything you wanted to know about sweet potato		
What is your plan upon completing the course? To train farmers cooperatives To disseminate/ create awareness on the usefulness of OFSP diet		
What is the name of the planned course? Training of the trainers		
What are the tentative dates for the training? 2013	Start: 18th	End: 22 nd March
Who is the target audience for the course (state category/ies of persons to be trained)? Leaders of farmers cooperatives members		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Reduction on vitamin A deficiency using OFSP		
What are the expected outcomes? To build the capacity of national implementing agencies in Osun state aim at promoting the dissemination and use of Vit. A rich OFSP		
How many people do you propose to train 20 people		
Who will comprise your training support team? Trained Osun state facilitators and trained POGMAN facilitators		
Estimated budget? ₦1029000	Tentative source of funding? POGMAN	
Signature of participant:		signature of training facilitator:

RAC Training of trainers (TOT) Course- “Everything you ever wanted to know about sweetpotato” 2012

Training Action Plan

The purpose of the action plan is to help participants of the first 10-day TOT Course on “everything you ever wanted to know about sweetpotato” to apply the new knowledge and skills acquired. The action plan is to be developed over the second week of training to allow for comments and inputs from peers and training facilitators. A copy of the final action plan is to be submitted to the facilitator on the last day of training.

Name: AKABUEZE E.S. & NWALI PN Organization: POTATO FARMERS ASSOC. OF NIG. Date:13/12/12	
What were your reasons for taking the course? To know everything we ever wanted to know about sweet potato especially OFSP	
What is your plan upon completing the course? Our plan is to train farmers' cooperative executive members, so that they will continue the training to their members on everything they need to know about OFSP	
What is the name of the planned course? The name will also be Training of Trainers (TOT) course	
What are the tentative dates for the training? Start: 7 th Jan.13/ 4 th Mar. End: 11 th Jan.13/8 th Mar	
Who is the target audience for the course (state category/ies of persons to be trained)? Key executive members of farmers' cooperative (chairman, secretary, treasurer and women leader)	
What are the challenges / barriers that you propose to address / reduce by implementing the course? The challenge/barriers are the negative notion about sweet potato consumption. Farmers should be educated on the nutritive value of orange fleshed sweet potato as the processor of vitamin A beta-carotene	
What are the expected outcomes? The expected outcome is that farmers will accept OFSP, cultivate it and consume it. They will be to begin to benefit from vitamin A content of OFSP	
How many people do you propose to train We propose to train 128 farmer executive members from 32 cooperatives	
Who will comprise your training support team? Our training support team will comprise those who attend TOT (training of trainers) course on “everything you ever wanted to know about sweet potato” especially the OFSP in ARMTI in 2012	
Estimated budget? ₦12,800,000. @ ₦100,000 per participant Tentative source of funding? CIP, HKI & RAC	
Signature of participant:	signature of training facilitator:

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Name: BALARABE UMAR	Organization: KADUNA ADP
Date: 14/12/2012	
What were your reasons for taking the course?	
<ol style="list-style-type: none"> 1. I was nominated by my organization 2. To enrich my knowledge on the subject matter and train others 	
What is your plan upon completing the course?	
To train our extension staff to be able to train farmers	
What is the name of the planned course?	
Step down training course on PFSP	
What are the tentative dates for the training?	Start: February 2013 End: August 2013
Who is the target audience for the course (state category/ies of persons to be trained)?	
Extension staff	
What are the challenges / barriers that you propose to address / reduce by implementing the course?	
The adoption of OFSP/continuous use of old varieties	
What are the expected outcomes?	
<ol style="list-style-type: none"> 1. Awareness of the existence of OFSP varieties and its nutritional value 2. Adoption and use of OFSP varieties 	
How many people do you propose to train	
120 extension agents	
Who will comprise your training support team?	
Zonal extension officer, sub-zonal extension officers, zonal adoption research officers and his assistants, zonal training officers, kadapa media	
Estimated budget? 2,254,000.00	Tentative source of funding? Kaduna ADP
Signature of participant:	signature of training facilitator:

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Name: Faniyi I.B. Ronke	Organization: Kwara ADP	Date: 10/11
What were your reasons for taking the course? The reason is because I want them to be equipped on everything about sweet potato.		
What is your plan upon completing the course? To impact the acquired knowledge to the extension workers and SP farmers.		
What is the name of the planned course? What you should know about orange-flesh sweet potato		
What are the tentative dates for the training? Start: 10/02/13 End: 15/02/13		
Who is the target audience for the course (state category/ies of persons to be trained)? Extension workers and sweet potato farmers association		
What are the challenges / barriers that you propose to address / reduce by implementing the course?		
What are the expected outcomes? They should be able to disseminate the acquired knowledge to the farmers and use of vitamin A rich in FSP		
How many people do you propose to train 20 people		
Who will compromise your training support team? Trained Kwara state facilitator and other professional personals.		
Estimated budget? 2.5 million Tentative source of funding? KWADP		
Signature of participant:		signature of training facilitator:

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Name: GRACE EDE/ MUSTAPHA YAKUBU Organization: NASARAWA ADP		
Date: 14-12-2012		
What were your reasons for taking the course? To know all aspects of sweet potato from production to processing and utilization		
What is your plan upon completing the course? To step down knowledge of extension agents, NGOs, sweet potato farmers organization		
What is the name of the planned course? Training of trainers (TOT) on everything you ever wanted to know about sweet potato		
What are the tentative dates for the training?	Start: March	End: October
Who is the target audience for the course (state category/ies of persons to be trained)? Extension staff, subject specialist(crops) SMS, WIA, ZEO, MEDIA NGO, chairmen of S/P growers association of local govt.		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Finance, logistic		
What are the expected outcomes? Target participant should be able to know how the select pest & disease free vines, processing and utilization.		
How many people do you propose to train 49 people		
Who will compromise your training support team? Training personnel (TOT) On everything you ever wanted to know about S/P		
Estimated budget? ₦200,000	Tentative source of funding? State govt. ADP and CIP	
Signature of participant:		signature of training facilitator:

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Name: Igbana V. T.	Organization: Benue ADP	Date: 14-12-12
What were your reasons for taking the course? To know more on everything about SP and especially the new introduced variety of OFSP		
What is your plan upon completing the course? Established my nursery for vine multiplication for fourth multiplication. -Step down the TOT to mp EA's, farmers and create OFSP awareness in my church.		
What is the name of the planned course? TOT		
What are the tentative dates for the training?	Start: January	End: March
Who is the target audience for the course (state category/ies of persons to be trained)? EA's, farmers, church members		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Bring to them noticed that SP is not a woman crop and that is for all sexes. Also can be a good meal (OFSP) for all ages.		
What are the expected outcomes? Participants should be well equipped and have a full knowledge of OFSP, its important uses and so on.		
How many people do you propose to train 26 persons		
Who will compromise your training support team? Commissioner for Agric, per sec ministry of Agric programmer manager (BNARDA), Director Extension, zonal manager and DD research		
Estimated budget? 2m	Tentative source of funding? Benue state govt.	
Signature of participant:		signature of training facilitator:

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Name: IHEONU MARY & BULUS GGARBA Organization: F.C.T. ADP		
Date: 14-12-12		
What were your reasons for taking the course? To know everything about sweet potato		
What is your plan upon completing the course? <ul style="list-style-type: none"> • To impact the knowledge to the extension agents To advocate and promote OFSP production and consumption as a means of combating vit A deficiency and income generation in F.C.T.		
What is the name of the planned course? Everything you ever wanted to know about sweet potato		
What are the tentative dates for the training?	Start: March 2013	End: march 2013
Who is the target audience for the course (state category/ies of persons to be trained)? Extension agents (VEA) 36 no. , subject matter specialist (SMS) 6 no. zonal extension officers (ZEO) 6 no., subject matter specialist (W/A) TOTAL=54		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Conflict with other activities of the stakeholders.		
What are the expected outcomes? Participants are expected at the end to know everything about potato value chain		
How many people do you propose to train 54 participants		
Who will comprise your training support team? CIP and RAC promotion experts, RAC trained personnel on TOT on everything you ever wanted to know about sweet potato.		
Estimated budget? ₦6.2 million secretariat/ Agric. Development project	Tentative source of funding? Agric. and rural dev.SR	
Signature of participant:		signature of training facilitator:

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Name: Isu Godwin O. & Daniel Ogah	Organization: Ebonyi state ADP	Date: 13-12-12
What were your reasons for taking the course? To increase on knowledge on different varieties of sweet potato especially the orange fleshed sweet potato OFSP		
What is your plan upon completing the course? Our plan is to step the train down to farmers in the grass roots, training the SMS, BES, BEAS and E/AS		
What is the name of the planned course? The name of the planned course is “everything you ever wanted to know about sweet potato”		
What are the tentative dates for the training?	Start:	End:
Who is the target audience for the course (state category/ies of persons to be trained)? The SMSs, the BES, BEAs, E/A and also farmers		
What are the challenges / barriers that you propose to address / reduce by implementing the course? We intend to reduce the incidence of vitamin A deficiency in children, pregnant women, lactating mothers in particular and others.		
What are the expected outcomes? The expected outcome is that most farmers may have become aware of the importance of producing the OFSP varieties.		
How many people do you propose to train 36 persons		
Who will comprise your training support team? Gender specialist, nutritionist, agronomist and public health workers and even CIP facilitators		
Estimated budget? ₦3,000,000	Tentative source of funding? C.I.P.	
Signature of participant:		signature of training facilitator:

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Name: Jiyah N. Samson	Organization: KIWADP	
Date: 10/12/2012		
What were your reasons for taking the course?		
To be equipped on everything you wanted to know about sweet potato		
What is your plan upon completing the course?		
To impact the acquired knowledge to extension workers and the sweet potato farm		
What is the name of the planned course?		
What should know about orange flesh sweet potato		
What are the tentative dates for the training?	Start: 10 th Feb 2013	End: 15 th Feb 2012
Who is the target audience for the course (state category/ies of persons to be trained)?		
Extension workers and sweet potato association leader		
What are the challenges / barriers that you propose to address / reduce by implementing the course?		
Training Centre, fund, personnel, time, targeted audience to reduce vitamin A deficiency		
What are the expected outcomes?		
They should be able to disseminate the acquired knowledge to the rural farmers		
How many people do you propose to train		
20 people		
Who will comprise your training support team?		
Trained Kwara state facilitators and other professional personnel		
Estimated budget? 2.5 million	Tentative source of funding? KWADP	
Signature of participant:		signature of training facilitator:

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Name: Mordtonota Bernadette	Organization: NAT PROG FOR SECURITY	Date: 14-12-12
What were your reasons for taking the course? To know everything that I ever wanted to know about sweet potato		
What is your plan upon completing the course? To organize similar step down training on sweet potato with emphasis on orange fleshed sweet potato for NPFS nutrition and health facilitators and extension workers at NPFS sites in RAC supported states (Benue, Kwara, FCT, Kaduna and Ebonyia Nassarawa)		
What is the name of the planned course? Combating vitamin A deficiency and generating income through the production of OFSP		
What are the tentative dates for the training?	Start: March	End: April
Who is the target audience for the course (state category/ies of persons to be trained)? Nutrition and health facilitators, NPFS site managers, site extension agents, agric and Home Economics teachers from NPFS sites.		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Lack of funds and other logistic support conflict with other activities of NPFS		
What are the expected outcomes? At the end of the training the trainees are expected to know the importance of good nutrition and vit. A in the diet, be able to demonstrate key skills in potato production, processing and utilization. Understand how gender roles and responsibilities affect sweet potato prod, utilization and marketing		
How many people do you propose to train 65		
Who will compromise your training support team? RAC trained personnel on TOT on everything you ever wanted to know about sweet potato CIP, and RAC production expert.		
Estimated budget? ₦5.5m	Tentative source of funding? NPFS	
Signature of participant:		signature of training facilitator:

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Name: OLUWASANMI F.A .,OMOTAPE M.A., AFOLABI G.O Organization: ADP OSUN Date: 14-12-12		
What were your reasons for taking the course? To be able to train extension officers, farmers and the people in the community state		
What is your plan upon completing the course? To write back to the office report and give awareness talk to the programme manager and management staff, to submit or write proposal for the training of the extension officers on everything you ever wanted to know about sweet potato.		
What is the name of the planned course? Everything you ever wanted to know about sweet potato		
What are the tentative dates for the training?	Start: 14 th Jan 2013	End: 18 th Jan 2013
Who is the target audience for the course (state category/ies of persons to be trained)? Selected extension officers and agric. Officers		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Financial availability, ignorance of existence, delay in release of OFSP, Vit. A deficiency, fund and reduction of Vit. A efficiency and increase in vit. A build up in Osun state.		
What are the expected outcomes? To build the capacity of extension officers in the state to drive uptake of orange fleshed sweet potato		
How many people do you propose to train 30		
Who will compromise your training support team? Trained Osun state facilitators, a medical doctor		
Estimated budget? ₦2,271,870	Tentative source of funding? Osun state govt	
Signature of participant:		signature of training facilitator:

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Name: DEBORAH BUKU 12-12	Organization: KADUNA ADP	Date: 14-
What were your reasons for taking the course? 1. Was nominated from my organization 2. To enrich our knowledge on the subject matter and be able to train our extension staff		
What is your plan upon completing the course? To train our extension staff to be able to train others		
What is the name of the planned course? Step down training course on orange flesh sweet potato (OFSP)		
What are the tentative dates for the training? Start: February 2013 End: August 2013		
Who is the target audience for the course (state category/ies of persons to be trained)? Extension staff		
What are the challenges / barriers that you propose to address / reduce by implementing the course? Adoption of OFSP/continuous use of old varieties		
What are the expected outcomes? 1. Awareness on the existence of OFS varieties and its nutritional value 2. Adoption and use of OFSP varieties		
How many people do you propose to train 120 extension agents		
Who will comprise your training support team? Zonal extension officers, sub-zonal extension officer, zonal adoptive research officer and ms assistant, training officer, KADP media		
Estimated budget? 2,254,000 Tentative source of funding? KADP		
Signature of participant:		signature of training facilitator:

Appendix 8: Summary of pre-training and post-training test results

Name	Sex	Pretest	Pretest	Posttest	Posttest	% Difference
		Marks	Percentage	Marks	Percentage	
Abah Joseph Taazenga	M	23	62	29	78	16
Adedokun Adegbola Rufus	M			22	59	59
Adewuyi Moses	M	16	43	28	76	32
Afolabi, Gideon Olusegun	M	13	35	32	86	51
Akabueze Edwin	M	23	62	27	73	11
Balarabe Umar	M	24	65	33	89	24
Bulus Garba	M	22	59	28	76	16
Deborah Buku	F	15	41	28	76	35
Faniyi Ibironke Mojisola	F	17	46	27	73	27
Grace J Edeh	F	5	14	23	62	49
Igbana Veronica T	F	19	51	31	84	32
Iheonu Erinma Mary	F	24	65	27	73	8
Isu Godwin	M	17	46	30	81	35
Jiyan Ndanusa Samson	M	7	19	22	59	41
Mordi-Onota Bernadette	F	18	49	26	70	22
Mustapha Yakubu N	M	15	41	22	59	19
Nwali Perpetual Nkechi	F	20	54	31	84	30
Ogah Daniel	M	14	38	29	78	41
Oluwasanmi Felicia Adeleye	F	14	38	25	68	30
Omolade Moses Ademiju	M	17	46	28	76	30
Mean		17	46	27	74	28
Max		24	65	33	89	24
Min		5	14	22	59	46

Appendix 9: Course evaluation

1. Which aspects of the training did you find most useful?

Topic	Frequency	Percent
Sweetpotato seed systems	1	5%
Processing and utilization	1	5%
The practical aspect of the training	2	10%
Every aspect of the training is useful	7	35%
Rapid vine multiplication	1	5%
Both field (practical) and class theory	2	10%
Rapid multiplication of root	1	5%
The practical aspect in the field and outside premises	1	5%
Vine multiplication & preservation & distribution. Value chain / addition	1	5%
Gender and nutrition	1	5%
selection and multiplying of vine, preservation and marketing	1	5%
Production of vines and distribution	1	5%
Total	20	100%

2. Which aspects of the training did you find least useful?

Topic	Frequency	Percent
The aspect of production, utilisation and processing	1	5%
None	13	65%
Missing	3	15%
Sweet potato and gender	1	5%
Energizers that need singing	1	5%
Gender	1	5%
	20	100%

3. Was there anything you found confusing? If yes, please explain

	Frequency	Percent	Aspects confusing (no. of participants)
Yes	9	45%	The one of storing potato (1)
No	11	55%	Calculation of vine multiplication (7)
			Commercial fortification and nutrition recipe (1)

Items	Level of Agreement	Remarks/Explanation
4. Will the knowledge and skills from this training help you in your sweetpotato production, utilization and marketing?	95%	I have been enriched with additional skill and knowledge (5)
5. What level of understanding did you have regarding the course content?	85%	Studied sweetpotato in school
6. Was the course information relevant to your livelihood?	95%	<ol style="list-style-type: none"> 1. Because of the help in solving Vit. A deficiency problem 2. Apart from Vit. A. additional income 3. I produce small quantity of sweet potatoes for consumption 4. Especially on the nutritive value 5. It shall improve my livelihood greatly
7. Was enough time allocated for the course?	75%	<ol style="list-style-type: none"> 1. All topics were covered within the stipulated time 2. Shortcuts were taken in instances 3. We sometimes carry over session
8. How would you rate the facilitators' level of knowledge on the topic?	95%	<ol style="list-style-type: none"> 1. They were fully prepared 2. Have benefited immensely from all 3. Satisfactory
9. Were the facilitators clear and confident in their tasks and presentations?	90%	<ol style="list-style-type: none"> 1. Their presentations were loud and clear 2. Problems of pronunciation from some facilitators that am not used to 3. Satisfactory 4. All of them attempted to justify the contents of their topics
10. Did you have enough opportunity to practice the skills as opposed to just hearing about them or watching them being demonstrated?	60%	<ol style="list-style-type: none"> 1. It was mostly learning by doing 2. The practical session gave a fulfillment 3. Not many facilities to go around during field exercises 4. Due to time constraints we had no much time to practice some practical sessions like storage method

11. Were there enough opportunities to ask questions?	85%	<ol style="list-style-type: none"> 1. It was mostly interactive class 2. Satisfactory 3. Participants were given ample chance to ask questions
12. Were satisfactory answers given by the facilitators?	90%	<ol style="list-style-type: none"> 1. Most facilitators gave satisfactory answers 2. They make sure one is cleared when any questions are raised 3. Satisfactory
13. Were the timing, length and venue of the course convenient?	70%	<ol style="list-style-type: none"> 1. Time management was not ok 2. Timing (poor), length (short) 3. Satisfactory 4. Timing was highly synchronized
14. On a scale of 1 (low) to 10 (high), how confident are you that the training will translate into: - improved OFSP production ? Please briefly explain your answers.	70%	<ol style="list-style-type: none"> 1. If training is stepped down to the grassroots (2) 2. If vines are made available 3. Will have a multiplicative effect on awareness 4. If Government will be ready to give support 5. If there will be sensitization (2) 6. Require advocacy and more capacity building (3) Awareness (3) 7. Depends on future support the program will have (3) 8. If there is good follow up 9. Marketing will promote production (2) 10. Based on Investor motivation and advocacy 11. Based on utilization 12. Farmers being able to add value (2)
15. - increased OFSP processing and utilization?	80%	
16. - increased OFSP marketing?	80%	

17. How could a training course like this **be improved**?

Recommendation	Percentage (Multiple response possible)
1. Increase time/ Time management	5
2. More practical sessions	5
3. Increase funding	5
4. A little better planning	10
5. Increase in allowances	20
6. Missing	10
7. By ensuring the right audience is targeted	5
8. Through decentralization of course centers	5
9. Increase incentives	15
10 By motivation	5
12. Improve presentation of topics	5
13. By sensitizing chief executives more	5
14. Provide transport fare	5
	100

Others comments

Items	Level of Agreement
More Practical sessions should be included	7%
Course is very satisfactory	43%
Training allowance not sufficient	14%
All necessary material should be supplied	7%
Investment required in OFSP	7%
Same caliber of participant to be invite for training on OFSP	7%
Sensitization required of OFSP to combat VAD	7%
Number of meals to be reduced to increase allowance to participants	7%