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02 April 2022

310322BOUGAINVILLE COULD FLOOD COCOA SUPPLY WITH THE COCOA CURRICULUM PROJECT.

NEW DAWN FM NEWS

Bougainville could lead the cocoa production destroyed by the Bougainville conflict once the Cocoa curriculum project in schools gets off the ground.

The project headed by two key departments, DPI and EDUCATION and also headed by two female ABG Ministers could change the economic recovery for Bougainville to the next level never seen in the past.

The Minister for Primary Industry, Hon GERALDINE PAUL told the gathering that this would be the first time cocoa curriculum will be taught in schools making students have interest in agriculture at the early age.

She said in the past, children were forced to do the job and learn.

The Education Minister, HON THEONILLA MATBOB however said other projects would be introduced in the future if this project was successful.


She said schools can be self- reliant if successful projects are implemented by the schools.

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COCOA CURRICULUM

AROB Teachers' In-Service Workshop



Brief Report

05th – 09th July 2021

Compiled by: Awo Jimmy

Training Officer

Cocoa Board of Papua New Guinea

August 2021

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Cocoa Curriculum AROB Teachers In-Service Workshop Brief Report

1) Introduction

This is a brief report on the cocoa curriculum Teachers' in-service that took place at Tunuru Catholic Mission in Arawa – Autonomous Region of Bougainville (AROB). The in-service training started from the 5th – 9th of July 2021. Total amount spent on the curriculum training was **K75, 000.00 -K80,000.00** by ACIAR.

There were Eighteen (18) selected schools selected to participate and trial the Cocoa Curriculum as a pilot project. Six schools selected from each of the 3 Regions (North, Central & South AROB). The selected school comprises of Primary Schools, High Schools, Secondary Schools and Vocational Centers. A total of 49 participants who attended the Teachers' in-service workshop. Inclusions are staffs from The Department of Primary Industry (DPI), ACIAR, AROB Department of Education and Cocoa Board of Papua New Guinea.

The event was funded by ACIAR and supported by PNG Cocoa Board, DPI and AROB Education Department. Surely, it was an historical event for the people of Autonomous Region of Bougainville.

2) Brief background of the cocoa curriculum

The idea of cocoa curriculum emanated from way back in 2011 under then the Cocoa Coconut Institute Limited (CCIL). Cocoa Extension Program purposely, to develop a tool to innovate school children to develop an interest in cocoa farming. A PIP funding from GoPNG enabled the development by engaging a consultant (Dr. Arnold Parapi and supported by Resource personal from CCIL). The development encountered tedious process hence pilot schools in ENB representing the grades and TVET were involved. At the same time, dialogues with National Education Department Branch were undertaken.

The first edition was then published in 2013 after incorporated inputs from the pilot schools. It was then officially launch in March 2016 by then Deputy Prime Minister, Honorable Leo Dion.

Nonetheless, this cocoa curriculum is still yet to be fully implemented and of course to reactivate again dialogue with National Education Department for vetting. It is though that the AROB ACIAR Cocoa and Health Improvement Project included it as an activity. This made it possible to liaise with the AROB Education Department in conjunction with the Economic Sector and Department of Primary Industry for the curriculum to be piloted in the region. Hence, the current process now is to deliver an in-service to the agriculture teachers of the selected schools. Amicably, current subjects, Making a Living and Rural Technology in Upper Primary and Secondary, respectively may incorporate the cocoa curriculum, as an option topic. Vocational training is into practical applications so would use the Grade 9 – 12 edition in teaching students.

3) Objective

The In-service is to further enhance the teachers on the importance of the cocoa curriculum through theories and practicals, and how well they can fit the cocoa units into their existing teaching program for this year as well as next year and other years to come.

- To induct teachers on the knowledge and skills pertaining to cocoa farming along the cocoa value chain.
- To build teacher's capacity on developing their lesson plans for delivery to students.
- To use this pilot program for obtaining their views to incorporate into the second edition of the curriculum.

3.1) Subject Taught

- Cocoa Curriculum Teaching Resource Book (Grade 6-8, & Grade 9-12)
- Cocoa Units both theory & practical (Cognitive Domain & Psychomotor Domain)
- History of Cocoa
- Cocoa Anatomy and Physiology
- Soil and climate suitability of cocoa
- Bud wood Garden & Nursery Establishment
- Cocoa block Lining (spacing)
- Cocoa Budding
- Block Management (IPDM) & CPBM
- Processing Cocoa Quality
- Pod value and the economic output of 1ha cocoa block
- Marketing and way forward

4) Methodology

Methodology used during the In-service are as follows;

- Theory
- Power Point Presentation
- Group exercises
- Group discussion and presentations
- Field visits
- Field demonstrations and practical

5) Expected Learning Outcome

The teachers fully grasped the idea on how well they will fit in the cocoa units into their existing teaching programs and teach it as a trial this year.

- The in – service provided the broad knowledge and skills of different stages of cocoa farming
- Teachers accustomed themselves to the layout of the curriculum and at ease to trial the delivery.
- Teachers valued the relevance of the land learning facilities (budwood garden, nursery, cocoa block and fermentry dryer) for teaching field practicals.

6) Resource Personal

- Anton Varvaliu (Main Facilitator – Cocoa Curriculum) – Cocoa Board of PNG
- Jimmy Awo – Cocoa Board of PNG - Training Officer
- Mark Lamur – AROB Regional Field Service Manager–Cocoa Board of PNG
- Venerian Hannett – Senior Field Service Officer – Cocoa Board of PNG
- James Butubu – AROB ACIAR Coordinator
- Julie Rereve – ACIAR Officer
- Bruno Batari – ACIAR Officer
- Theodore Kisu – ACIAR Officer
- Eugene Bali – ACIAR Officer
- DPI Officers
- AROB Education Department Officers

7) Discussion

Day one (05th/07/21)

We started the program a bit late due to power problem faced in Tunuru Catholic Mission. However, we did register the school teachers’ representatives plus other participants.

The welcome remarks and official opening was done by AROB Educational Secretary. The other representatives who made few remarks are;

1. Anton Varvaliu – Cocoa Board of PNG
2. James Butubu –AROB ACIAR Coordinator
3. DPI Rep
4. District Coordinators

After a short break, Mr. Varvaliu (Main Facilitator) presented the overview of the Cocoa Curriculum, Objectives and the in-service Learning Outcomes. In line with that, Mr. Mark Lamur presents few slides on the industrial contribution to the economy. The main facilitator presents few slides on the Cognitive Domain (theory) and Psychomotor Domain (Practical). He emphasized and encouraged teachers to be psychomotor and be more involved on the practical than theoretical part of the unit lessons. Mr. Jimmy Awo also presented the background and history of cocoa, the origin of cocoa species, cocoa anatomy and physiology and domestication of cocoa in PNG.

The participants sum up the day by adding valid comments, questions, group discussions and group presentations positively.

Day Two (06th/07/21)

In the morning we have the opening prayer and recapping by day one rapporteurs. After that, Mr. Varvaliu presented slides on the optimal soil and climate suitability requirements for cocoa, limitations and constraints and how to manage them. He went through the Integrated Pests and Diseases Management (IPDM). These includes, block management, weed control, pruning, drainage, shade thinning and pests and diseases (economic pests e.g. CPB). Posters of cocoa pests (insects and diseases) were given to participants as handouts.

The other presentations on the nursery and budwood establishment, new block establishment, clearance, shade, lining and field planting was done by Mr. Awo & Mr. Hannett.

After the presentation, we have group discussions, group presentations according to the regions (North, Central and South Bougainville), comments and questions.

After lunch break, we continue with theory presentation by James Butubu on the vegetative propagation of cocoa, why we do vegetative propagation techniques and the advantages & disadvantages. We sum up day two program with group discussions, group presentations, questions and comments.

Below are some of the day session highlights



Plate1: Mr. Varvaliu (Main Facilitator) explained the optimal soil and climate for cocoa.



Plate2: Teachers fully concentrated during the theory presentations.



Plate3: Group exercise/discussions before group presentations.



Plate4: Female Teachers participate during presentation



Plate5: Both male & female participants took part in the group presentation.



Plate6: Male participants took part in the presentation.

Day Three (07th/07/21)

As usual we have morning opening prayer and recapped by the rapporteurs. Then, the Teachers' practically involved in block lining using the standard size (4m x 4m) and the triangular pattern. The demonstration was to show teachers' how to set up the baseline correctly before carrying out the lining of a complete block. Questions and comments were asked during the demonstration.

We took a field trip to **Manetai** to visit a model farmer by the name of Moses. He has a very good set up. The nursery, bud wood garden, his cocoa block and the cocoa fermentry dryer were close by his house. He had a brief with the Teachers' before the Teachers' heavily involved practically in different types of cocoa pruning, budding techniques and by using the right types of tools.

Below are some of the day practical highlights



Plate7: Mr. Bruno explained the baseline of Block Lining.



Plate8: A teacher had a taste of budding skills



Plate9: Mr. George demonstrates how to harvest a bud stick from the budwood garden.



Plate10: Mr. Bruno demonstrated formation pruning skills to teachers' using some secateurs



Plate11: Mr. Varvaliu explained how to do block management.



Plate12: A handyman demonstrated structural pruning using pole pruner.

Day Four (8th/07/21)

Again, we have Morning Prayer and recapped by rapporteurs. Day four, we have only two presentations. Mr. Varvaliu present slides on the cocoa processing. Topics covered were;

- Cocoa Quality Attributes (flavor, purity, consistency and yield of edible material)
- Physical and chemical characteristics
- Quality cocoa processing (certified materials, harvesting, fermentation, drying, sorting/winning of beans, bagging, storage, transportation, market & manufacturers)
- Cocoa Pod Borer effects on cocoa quality standards (poor quality beans, a lot of clumpy /flat beans, loss in dry beans weight etc...)
- Advantages and disadvantages of different driers

Next presenter was Mr. Lamur. He presents few slides on the economics of producing one-hectare (1ha) cocoa. Some points highlighted during the presentation were;

- Cocoa contributes 10% Agriculture GDP in PNG
- K6, 000 is required initially for a farmer as a investment for 20 years
- Market in the world – niche/special markets
- 23 -30 ripe pods in average will give 1kg dry beans
- 160kg wet beans will give 63.5kg dry beans
- 1 ton is equal to 16 dry bean bags

He also talked about the projections and reasons for projections. For instance, farmer decision making, planning annual work plan and profit making. Noted two factors that determined the cocoa revenue to PNG are supply and demand and trading of our kina value.

Basic point in increasing production are planting the right planting material certified by Cocoa Board of Papua New Guinea and acquire skills and knowledge.

After the presentations the teachers went to their usual three groups to do group discussions, exercises and group presentations.

The group presentations, valid comments and questions brought us till lunch time. After lunch, the rest of the evening was given to teachers to do their shopping since Friday was the last day of in-service and most shops won't be open at Arawa town.

Below are some of the day session highlights



Plate13: Mr. Eugene (rapporteur) doing a recap of day 3 sessions in the morning



Plate14: We have a surprise visitor from DFAT in Day 4 of the in-service



Plate15: Mr. Lamur explained his presentation to the teachers'



Plate16: District Education Inspector emphasised and told teachers to grasp the knowledge and skills gained from the in - service.

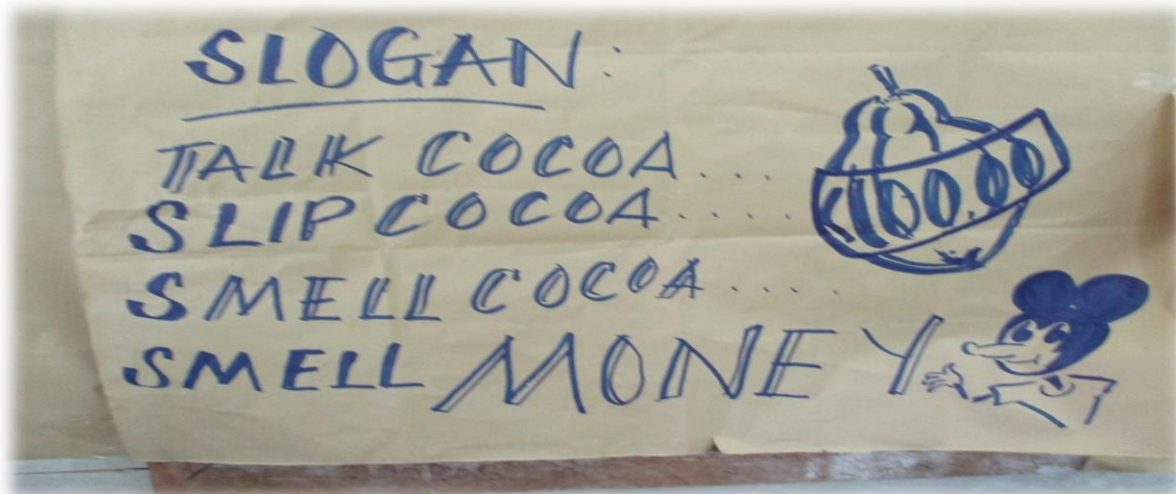


Plate17: This is a slogan from the Central Bougainville Group presentation.

Day Five (9th/07/21)

The last day of in- service we had morning pray and recapped by two volunteer teachers. After that, Mr. Lamur went through with the Teachers' on two presentations. Firstly, he presented the Cocoa Board of Papua New Guinea Cocoa Act & Cocoa Regulations 1981. Topics covered are as followed;

- Function of the Board
- Powers of the Board
- Major Challengers
- Traceability Codes
- Certificate of Registrations and Licenses

The second presentation is to do with the Way Forward on the Cocoa Curriculum Implementation schedule and budget (refer to the Way forward)

Below are some of the day session highlights



Plate18: Mr. Varvaliu representing CCBPNG during the closing ceremony.



Plate19: Mr. Butubu representing ACIAR during the closing ceremony.



Plate 20: Mr. Felix Sarimu representing AROB Education during the closing ceremony.



Plate21: District Education Officer Representative during the closing ceremony.



Plate22: A female Teachers' representing the Teachers' during the closing ceremony.



Plate23: Mr. Butubu presenting an attainment certificate to a male teacher.



Plate24: A female teacher being awarded an attainment certificate



Plate25: A female teacher being awarded an attainment certificate by Central Bougainville Member's Representative



Plate26: Elmah Maxwell from DPI being awarded an attainment certificates.



Plate27: Mr. Bruno from the ACIAR being awarded with an attainment certificate.

Note:

Most of the officers from DPI, ACIAR, CCBPNG and the Education Department were awarded with attainment certificates as well.

8) Recommendation

- A full-time vehicle is needed for the implementation of the cocoa curriculum field learning land laboratories in the 18 pilot schools in north whereas south and central are well equipped with ACIAR vehicles.
- It is best to have all trained teachers’ base in their same schools for at least 3 more years or until the duration of the cocoa curriculum implementation program activities is complete.
- The recommendations on way forward; learning laboratories, dates to establish them, ACIAR, AROB DPI, Respective schools and Cocoa Board commitments, indicate below.

Implementation Schedule

Activities	Location	Action Officers	Schedule
Develop Policy formulation paper & Policy framework to BEC.	AROB	CB, ACIAR, Education & DPI	September 2021
Budwood Garden Establishment	South, Central & North	ACIAR, DPI & CB	September –October 2021
Nursery Establishment	South, Central & North	ACIAR, DPI & CB	October –November 2021
Demo Block Establishment	South, Central & North	ACIAR, DPI & CB	November – December 2021
Fermentry Establishment	South, Central & North	ACIAR, ABG & CB	2022 to 2023 Depending on funding availability.
Warehouse	South, Central & North	ACIAR, ABG & CB	2022 to 2023

9) Way forward

- Mr. Varvaliu (main facilitator) and Mr. Awo (Assistant Training officer) of the Cocoa Curriculum rollout program should be part of the Information Paper and Policy Framework
- The implementation cocoa curriculum program activities as presented by Mr. Lamur and summarized in day five should be fully supported and implemented as scheduled. The second presentation is to do with the Way Forward on the Cocoa Curriculum Implementation schedule and budget. These include;

- Cocoa Curriculum Budget for the Learning Land Laboratories (Budwood& Nurseries establishment, School block management, tools & materials, labor and Contingency) of the 18 trial schools. **Total of K387, 600.00**
- The Land Laboratories budget in the three regions (North, Central and South) is K52, 200.00 each. **Summary budget estimated is K156, 600.00**
- **The overall cost** for the Field Learning Land Laboratories (K156, 600.00) and Procurement of materials (K382, 018.00) is **K538, 618.00**.
- The implantation of the Field Learning Land Laboratories in all 18 trial schools will start in September 2021 to 2023 as scheduled. The implantation will depend entirely on the funding
- The AROB Education Department, DPI, ACIAR and Cocoa Board of PNG will have to work together in piloting the curriculum in the selected schools.

10) Summary

The Teachers' in-service workshop started late on the first day, however, we did complete it successfully on the fifth day. During the workshop, there were less theory and more practical involved in terms of group discussions, presentation and field demonstrations.

The Teachers' were very eager to grasped knowledge and skills involved during the practical sessions. For most of the participants, it was an eye opener for them when involved practically and many did asked a lot of questions and make valid comments. It really strengthened and built their confidence to teach the units. Nevertheless, all in all, the five days workshop was a success.

Cocoa Board of PNG and other Organization in AROB should be proud in supporting and assist ACIAR for the implementation of the cocoa curriculum and roll out program activities this year (2021) and onwards.

11) Attachments

- 1) Program & Budget (Full Budget detailed is yet to be given by AROB ACIAR)
- 2) List of participants
- 3) Summary of the Teachers' Evaluation Forms(Questionnaires)

**11.1) Autonomous Region of Bougainville
Cocoa Curriculum Teachers In-Services
In-service Lesson Program**

Date: July 05-10 2021

Day	Time	Activities	Main Topics	Key Messages	Resource Personal	Remarks
1	08:00 - 08:30	Registration	Record names (full) of teachers and school of posting plus contacts	Give out training materials/stationery	Anas & Julie Rereve	Rapporteurs
		Official Opening Prayer				Julie Rereve
	08:30 - 10:00	Official Opening Remarks	1) Education Secretary 2) Anton Varvaliu 3) James Butubu 4) DPI Representatives 5) District Manager		Daniel Haon	MOC for opening to be appointed and who to lead prayer
	10:00 - 10:30	Break				
	10:30 - 11:00	Individual Introduction	Resource People Other Guests Teacher and School came from		1) James Butubu 2) Martin Tumuki	Chairman
	11:00 - 11:30	Course Introduction	Overview of Curriculum Objectives & In-service Learning Outcomes	Participants are at ease with the purpose/objectives of curriculum and in-service learning outcomes	Anton Varvaliu	Overhead projector
	11:30 - 12:00	Background of Cocoa Industry		Understand industry and its contribution to the economy	Mark Lamur	Chairman James Butubu Rapporteurs Martin Tumuki Amos Lapesa
	12:00 - 1:00 pm	Lunch Break				
	1:00 - 1:30pm	Questions/Discussions/Comments				
		Break	Break			

	1:30 - 2:00pm	Developing skills (teaching students)	Cognitive Domain- Developing theory skills: knowledge-comprehension-application-analysis-synthesis-evaluation Psychomotor Domain - developing practical skills: Imitation - manipulation - precision - articulation - naturalization	Teachers further put to perspective the steps and developing theory and practical knowledge and skills pertaining to cocoa farming	Anton Varvaliu	
	2:00 - 2:45pm	Questions/Discussions/Comments				
	2:45 - 3:00 pm	Unit 1 & 2: Background and history of Cocoa and Cocoa Anatomy and Physiology	Origin of Cocoa Species	Understand background of cocoa industry and its history	Jimmy Awo	Chairman James Butubu Rapporteurs Martin Tumuki Emos Lapesa
	3:00- 3:15pm	Questions/Discussions/Comments				
	3:15- 3:40pm	Group Work				
		Break				
	3:40- 4:00pm		Group Presentations			Chairman James Butubu Rapporteurs Martin Tumuki Emos Lapesa
	4:06pm	Closing Prayer				
		End of Day 1				
Day 2					Daniel Haon	Chairman Rapporteurs Elizabeth Pisiai Yvonne Roman
	08:00 - 08:30	Recap for Day 1				Rapporteurs Martin Tumuki Amos

						Lapesa
	08:30 - 9:45	Theory	Soil & Climate suitability for Cocoa	Optimal Soil & climate suitability requirements for Cocoa. Limitations/Constraints. How to manage limitations or constraints	Anton Varvaliu	
		1. Theory	Nursery set up guidelines, budwood garden. How to establish a new block: clearance, shade/Lining Field Planting		Venerian Hanett Jimmy Awo	Rapporteurs Elizabeth Pisiai Yvonne Roman
	09:45 - 11:30	2. Theory Units 3,4,5,6,7,8 (Theory) Field (How to do lining and establish shade)	1. Block establishment & Management - New Development (IPDM) 2. Weed Control Pruning Drainage, Shade thinning - IPDM	Pest & Diseases (Economic Pests) Theory		Rapporteurs Elizabeth Pisiai Yvonne Roman
	11:30 - 12:00	Questions/Discussions/Comments			Daniel Haon	Rapporteurs Elizabeth Pisiai Yvonne Roman
	12:00 - 1:00	Break				
	1:00 - 2:00pm	3. Theory Vegetative propagation of Cocoa	Why do vegetative propagation	Understand vegetative Propagation Reasons Advantage/Disadvantages Techniques	Anton Varvaliu	Rapporteurs Elizabeth Pisiai Yvonne Roman
	2:00 - 2:30 pm	Questions/Discussions		In groups discuss 10 main points learned - 10 Issues identified	Daniel Haon	Rapporteurs Elizabeth Pisiai Yvonne Roman
	2:30 - 3:00 pm	Group Work			Daniel Haon	Rapporteurs Elizabeth Pisiai Yvonne

						Roman
	3:00 - 3:50 pm	Group Presentations			Daniel Haon	Rapporteurs Elizabeth Pisiai Yvonne Roman
	3:50 -4:00 pm					
		End of Day 2				
Day 3		Chairman Chairperson Rapporteurs			Anton Varvaliu	
	08:00 - 08:30	Recap of Day 2				
	08:30 - 10:00	Field Work	How to set up a 3 000-capacity nursery How to set up a bud wood garden. How to do block lining 4x4m square	Nursery guideline, specifications for setting 3000 capacity nurseries	100 m tape measure, pegs Other relevant tools	Rapporteurs Silas Paisi Eugene Hareke
	10:00 - 12:00	Field Work Theory: Unit 6,7,8 & 9	Weed Control Pruning Drainage Shade thinning - IPDM	Understand weed, Shade and Pruning technologies	Bruno Batari Silas Paisi Eugene Areke CB, DPI & ACIAR Officers	Rapporteurs Silas Paisi Eugene Hareke
	12:00 noon - 1:00 pm	Lunch Break				
	1:00 - 2:30pm	*Questions Field work - 1 hour Field Identification of pest attacks and disease infection on cocoa			Anton Varvaliu James Butubu Other CB, DPI & ACIAR Officers	Rapporteurs Silas Paisi Eugene Hareke
	2:30 - 4:00pm	Field Work - -How to mix chemicals and spray		Herbicide Usage: knapsack, safety gears, chemicals other materials and tools	Bruno Batari Silas Paisi Eugene Areke CB, DPI & ACIAR Officers support for field work.	Rapporteurs Silas Paisi Eugene Hareke
	4:00 PM	Summarized days 3 activities	Origin of Cocoa Species		Anton Varvaliu	
		End of Day 3				

Day 4					Daniel Haon	Rapporteurs Venerian Hannet Jimmy Awo
		Recap of Day 3				
	08:30 - 12:00	Start theory on processing (harvesting) Continue theory on processing (driers)	Advantages and disadvantages of different driers	Understand difference driers	A Varvaliu	Rapporteurs Venerian Hannet Jimmy Awo
	12:00 - 1:00 pm	Lunch Break				
	1:00 - 2:00 pm	Questions/Discussions/Comments			Daniel Haon	Rapporteurs Venerian Hannet Jimmy Awo
		Break				
	2:15 - 3:00 pm	Economics of Cocoa Farming		Pod Value Tonne per hectare Economic output of 1-hectare cocoa	Mark Lamur	Rapporteurs Venerian Hannet Jimmy Awo
	3:00 - 3:30 pm	Questions/Discussions/Comments			Daniel Haon	Rapporteurs Theodore Kisu Daniel
	3:30 - 4:00 pm	Group Work			Daniel Haon	Rapporteurs Venerian Hannet Jimmy Awo
	4:06pm	Closing Prayer				
Day 5					Anton Varvaliu	Rapporteurs Theodore Kisu Daniel Haon
	08:00 - 08:30	Recap of Day 4			Day 4 Rapporteurs	
	08:00 - 11:00	Field Visit to a nearby processing facility & Exporter	Go through process of fermentation to drying cocoa beans	Fermenting boxes Cocoa Drier	Anton Varvaliu	Rapporteurs Theodore Kisu Daniel Haon
	11:00 - 11:30	Group Discussion			Anton Varvaliu	Rapporteurs Theodore Kisu Daniel Haon
	12:00 - 1:00pm	Lunch Break				

	1:00 - 1:30 pm	Evaluation of In-Service			Anton Varvaliu	Rapporteurs Theodore Kisu Daniel Haon
	1:30 - 2:00pm	Wrapping up of the in-service Closing Remarks			Conclude day with 3rd and 4th term program Setting field learning facilities	Varvaliu/Butubu Guest Speakers
	3:00 - 4:00pm	Presentation of Certificate of Attainment & closing			Daniel Haon	Chairman
Day 6				All participants travel back to respective homes		

Note: Program on daily basis commences at 08:30 am with lunch hour break and concludes around 4 - 4:30pm.
Team breaks,
if any only in the afternoon around 3pm for 15 minutes

11.2) List of Participants

No.	SEX (M/F)	NAME
1.	F	Agatha Metena
2.	M	Alexius Karu
3.	F	Anastasia James
4.	M	Anugu John
5.	M	Apisai Kaminiel
6.	M	Bruno Batari
7.	M	Chris Tamungka
8.	M	Damas Kasia
9.	M	Daniel Haon
10.	M	Dickson Gaunara
11.	M	Dominic Haitei
12.	F	Elizaberth Pisiai
13.	F	Elmah Maxwell
14.	M	Emmanuel Tankaona
15.	M	Eugene Bali
16.	M	Ezekiel Tuhein
17.	M	Felix Sarimu
18.	F	Florence Ona
19.	M	Gabriel Gunniniel
20.	F	Hisa Diana
21.	M	Jerry Kameru Tjamel
22.	M	Jimmy Awo
23.	M	John Bosco Posara
24.	M	Jones Morokana
25.	M	Jude Montai
26.	F	Julie Rereve
27.	F	Kusa Elizabeth
28.	F	Lising Evangeline
29.	F	Lula James
30.	F	Marcelin Piri
31.	F	Magret Anis
32.	F	Magreth Kakata
33.	M	Mark Lamur
34.	M	Martin Tumuki
35.	F	Maryanne Lingling
36.	M	Michael Nelek
37.	M	Nabaam Justin
38.	F	Narua Leonie
39.	M	Naulu Samson Alwyn
40.	M	Oreapako Steven
41.	M	Pisiai Jacob
42.	M	Pomuh Philip Pokowas
43.	M	Puriala Robin
44.	M	Raphael Tating
45.	M	Theodore Kisu
46.	M	Timothy Damien
47.	M	Torot Penias
48.	M	Venerian Hannett
49.	F	Yvon Roman

11.3) Summary of Teachers Evaluation Form

AROB Cocoa Curriculum Teachers in Service Course, July 5 -9, 2021

Evaluation Form

Scores: 1=Satisfactory 2=Good 3: Very Good 4=Excellent

Participants

Questions	1	2	3	4	Comments
1) Were the Training Objectives very suitable for application in your teaching programs? If yes, then give a score ranging from 1-4 if not then explain.	0	2	7	16	
2) Were the Outline of the course relevant to your programs? If yes, then give a score ranging from 1-4. If not, then explain.	0	1	8	16	* Yes, very clearly explained
3) Were the theoretical sessions understandable enough? If not, then explain.	1	3	7	13	* you must provide the copies of your slides before you speed up the presentation.
4) Were the practical, group discussions and demonstrations effectively contributed to your expectations? If yes, then give a score ranging from 1-4. If yes, then give a score ranging from 1-4. If not, then explain.	1	1	3	18	*Very interesting part of the program that where we really felt and touched the actual practical
5) Were the materials (books, posters, farming notes, etc...) used sufficient enough for your learning? If yes, then give a score ranging from 1-4. If not, then explain.	6	7	4	7	*1) all materials and resources yet to be given. *2) we need text books for our school. *3) Excellent but needs more. *4) More materials are need as resources, to be used in schools to support this cocoa curriculum. *5) not enough aids such as posters, books etc. *6) not enough posters, farming notes. *7) Vocational Centers should be given Trs Guides & Stds Resource Book Gr. 6-8 for reference purposes.
6) Did the Trainers' delivery methods conform to your expectation? If not, then explain.	1	2	7	14	* good according to your context not the same context as teachers
7) Will you and the school BOM support our technical staff with the establishment of the field learning laboratories in your school e.g. Accommodation, security etc.? (Yes/No) If not then explain.	0	3	2	8	*not yet but believe they will support. * Yes effectively. *We will identify the risk and carry out risk management. * Yes.
8) Any Other General Comments about the In-service?	1	0	1	1	Satisfactory * More to be conducted
*Comments: Need handouts of the productions, more of in-service needed. * Good please need assistant when we start. * very good & interested.					*materials and tools have to be given to us to start as soon as we finished from this workshop

<p>*I am very pleased with the in-service, having acquired the knowledge, skills however, with the limited time factor. It will contribute to inefficient implementation therefore, provide more books to help. *nil. * Well done. *Needs more in-services. * Training is relevant, but the handouts were really a problem towards this week's in-service, Accommodation, transport, food arrangement (catering) was really highly commendable.</p>					<p>*Schools need to be monitored regularly in terms of excellent implementation of cocoa curriculum. * the other relevant information and skills about cocoa can be presented during the visitation of each schools. * the in-service was rolled out excellently but there wasn't enough handout to be given to teachers</p>
<p>*We learned a lot. But notes and book were not enough. * very informative and useful presentations made from day one to Day (5). Even the sessions were very powerful and motivate. Thank you very much. * Never give the allowance the first day. Happy to attend this in service - learn a lot. * Handouts of the power points should have been given. *Looking forward to the implementation. * This program must be sustained by the ABG and clones Agencies to its full implementation.</p>					<p>*The in-service is very helpful, informative, useful etc to the participants as it will help them impart the knowledge to the students, community and their community. * should soft copies be given as references to schools.</p>