

MPOB-SOPPOA RESEARCH COLLABORATION TRAINING ON STANDARD OPERATING PROCEDURE

9-12 May 2016, Saratok-Sibu, Sarawak

9 May 2016 (Monday)			
Time	Programme	PIC	Venue
7.30 am	Registration	<i>Secretariat</i>	Complex MPOB Sessang Research Station
8.00 am	Discussion on the materials and methods on: <ul style="list-style-type: none"> • Premature frond desiccation (PFD) • Oil Palm frond snapping • Poor fruit set formation on peat and mineral soil • Liming study on peat 	En Hasnol	
10.00 am	<i>Morning tea break</i>	<i>Secretariat</i>	
10.30 am	Discussion on materials and methods on study of weevil population and fruit set	Dr Ramle/ En Saharul	
11.30 am	Discussion on materials and methods for rat study	FGV/TaAnn	
12.30 pm	<i>Lunch</i>	<i>Secretariat</i>	
2.00 pm	Discussion on materials and methods for termite trials	Dr Ramle/En Yaqin	
3.30 pm	Discussion on materials and methods for bunch moth trial	Dr Ramle/En Saharul	
5.00 pm	<i>Afternoon tea break</i>	<i>Secretariat</i>	
End of Day 1			

10 May 2016 (Tuesday)			
Time	Programme	PIC	Venue
7.30 am	Depart to Ladang MPOB Sessang	-	Ladang MPOB Sessang
8.30 am	Field training on flower census for sex ratio determination	En Hasnol/En Mazli	
10.00 am	<i>Morning tea break</i>	<i>Secretariat</i>	
10.30 am	Field training on fruit set count for flower sex ratio determination	En Hasnol/En Mazli	
11.30 pm	<i>Lunch & Depart back to MPOB Sessang Research Station Complex</i>	<i>Secretariat</i>	-
2.00 pm	Pollen viability test	Pn Nur Zuhaili	MPOB Sessang Research Station
3.30 pm	Flower census (key-in data)	En Hasnol/En Mazli	
4.30 pm	<i>Afternoon tea break</i>	<i>Secretariat</i>	
	Depart to Tanah Mas Hotel, Sibu		
End of Day 2			

Notes:

Discussion on materials and methods on study of weevil population and fruit set will include experimental site & layout, data recording of key parameters, data recording interval etc.

Discussion on materials and methods for bunch moth , termite and rat trial will include identification of experimental sites, pre-census requirements, experimental design, treatments, application of treatment, data recording, data analysis

11 May 2016 (Wednesday)			
Time	Programme	PIC	Venue
7.30 am	Depart to Tradewinds Plantation	-	Ladang Pelitanah II, Tradewinds Plantation, Sibü.
9.00 am	Visit to frond desiccation study site	En Hasnol/ En Dominic	
10.30 am	<i>Morning tea break</i>	<i>Secretariat</i>	
10.50 am	Discussion on frond desiccation issue	En Hasnol/En Dominic	
12 noon	<i>Lunch</i>	<i>Secretariat</i>	Sibü
1.00 pm	Depart to Jaya Tiasa	-	Lepah Jaya, Jaya Tiasa Plantation
2.30 pm	Visit to frond desiccation site	En Hasnol/En Latip	
4.30 pm	<i>Afternoon tea break</i>	<i>Secretariat</i>	
5.00 pm	Depart back to hotel		
End of Day 3			

12 May 2016 (Thursday)			
Time	Programme	PIC	Venue
7.00 am	Depart to Zumida Oil Palm Plantation, Ta Ann Sdn Bhd	-	
8.00 am	Briefing on materials and methods on study of weevil population and fruit set	En Saharul/ En Mohd Faizal	Block 107, Zumida Estate
10.00 am	<i>Morning Tea Breaks</i>	<i>Secretariat</i>	
10.30 am	Briefing on materials and methods on study of bunch moths	En Saharul/ En Yaqin	
11.30 am	Briefing on materials and methods on study of termite	En Saharul/ En Yaqin	To be determined
12.30 pm	<i>Lunch</i>	<i>Secretariat</i>	
2.00 pm	Briefing on materials and methods on study of rat	FGV	To be determined
4.00 pm	<i>Afternoon tea break</i>		
4.30 pm	Depart back to hotel	-	-
End of training			

Notes:

Briefing on materials and methods on study of weevil population and fruit set will include census of weevils, male inflorescences, marking of palm trees for sampling, weevils sampling from male inflorescence, fruit set counting, collection of pollens, pollen preparation & preservation, puffing, assisted pollinating

Briefing on materials and methods on study of:

- **Bunch moth:** census of bunch moths, sampling of inflorescences, developmental stages of bunch moths, treatments, application of treatment, data recording etc.
- **Termite:** census of termite, species & colony detection, severity census, treatments, application of treatment, data recording etc.
- **Rat:** fundamental rat study, experimental sites, species identification, census of rats population & palm damages, baiting techniques, data recording etc.

MPOB-SOPPOA RESEARCH COLLABORATION TRAINING ON STANDARD OPERATING PROCEDURE
25-26 May 2016, SOPB, Miri, Sarawak

25 May 2016 (Wednesday)			
Time	Programme	PIC	Venue
8.00 am	Registration	<i>Secretariat</i>	SOPB, Miri, Sarawak
9.00 am	Discussion on the materials and methods on project related to detection of <i>Ganoderma</i> disease using remote sensing	En Mohamad Izzudin Anuar	
<i>10.00 am</i>	<i>Morning tea break</i>	<i>Secretariat</i>	
10.30 am	Discussion on the materials and methods on project related to early detection of <i>Ganoderma</i> disease: <ul style="list-style-type: none"> • Effect of BCA products in market for <i>Ganoderma</i> control 	Dr Idris Abu Seman/ Nur Rashyeda Ramli	
11.30 am	Discussion on the materials and methods on project related to early detection of <i>Ganoderma</i> disease: <ul style="list-style-type: none"> • Basidiospores study 	Dr Shamala Sundram/ Dr Idris Abu Seman	
<i>12.30 pm</i>	<i>Lunch</i>	<i>Secretariat</i>	
2.30 pm	Discussion on the materials and methods on project related to other diseases in oil palm: <ul style="list-style-type: none"> • Bunch rot disease • OS-CCCVD variant infection in oil palm 	Dr Shamala Sundram/ Dr Idris Abu Seman	
3.30 pm	Discussion on the materials and methods on project related to other diseases in oil palm: <ul style="list-style-type: none"> • OS-CCCVD 	Dr Shamala Sundram/ Dr Idris Abu Seman	
4.30 pm	<i>Tea break</i>	<i>Secretariat</i>	
5.00 pm	Depart back to hotel		
End of Day 1			

26 May 2016 (Thursday)			
Time	Programme	PIC	Venue
7.00 am	Depart to Lambir Oil Palm Plantation, SOPB, Sarawak	-	
8.00 am	Visit to USR/BSR study site (SOPB)	Dr Shamala Sundram Dr Idris Abu Seman	To be determined
9.00 am	Briefing on materials and methods on application of BCA products (SPB)	Dr Idris Abu Seman Nur Rashyeda Ramli	
10.00 am	<i>Morning Tea Breaks</i>	<i>Secretariat</i>	
10.30 am	Visit to bunch rot study site and briefing on materials and methods on study of bunch rot (TA, WM & TH)	Dr Shamala Sundram Dr Idris Abu Seman	To be determined
11.30 am	Visit to OS-CCCVD study site and briefing on materials and methods on study of OS-CCCVD variant in oil palm (SOPB)	Dr Shamala Sundram Dr Idris Abu Seman	
12.30 pm	<i>Lunch</i>	<i>Secretariat</i>	
2.00 pm	Summary of the discussion, BSR census (key-in data) and QnA session	All	To be determined
4.00 pm	<i>Tea break</i>		
4.30 pm	Depart back to hotel	-	-
End of training			

Notes:

- **Briefing on materials and methods on application of biological control agents (BCA) products** will include census of BSR disease in oil palm, experimental site & layout, treatments, application of treatment, data recording of key parameters, data recording interval etc.
- Plantation involved: SOPB, SPB, Tabung Haji, Ta Ann, Woodman and DOA Sarawak