

**MALAYSIAN SUSTAINABLE PALM OIL
ANNUAL SURVEILLANCE ASSESSMENT 4
Public Summary Report**

Company Name
Head Office: Pejabat MPOB Cawangan Saratok, 1 st & 2 nd Floor, Taman Muhibbah, 95400 Saratok, Sarawak, Malaysia
Certification Unit: MPOB Sustainable Palm Oil Cluster (SPOC) Kabong & Roban (Q11)
Location of Certification Unit: Saratok, Sarawak, Malaysia

Report prepared by:
Hu Ning Shing (Lead Auditor)

Report Number: 3065248

Assessment Conducted by:

BSI Services Malaysia Sdn Bhd,
Suite 29.01 Level 29 The Gardens North Tower,
Mid Valley City Lingkaran Syed Putra ,
59200 Kuala Lumpur
www.bsigroup.com

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Section 1: Executive Summary

1.1 Organizational Information and Contact Person			
MPOB License	N/A		
Company Name	MPOB Sustainable Palm Oil Cluster (SPOC) Kabong & Roban (Q11)		
Address	Pejabat MPOB Cawangan Saratok, 1 st & 2 nd Floor, Taman Muhibbah, 95400 Saratok, Sarawak, Malaysia		
Group name if applicable:	N/A		
Subsidiary of (if applicable)	N/A		
Contact Person Name	Pn Anna Sato Julai		
Website	www.mpob.gov.my	E-mail	anna.sato@mpob.gov.my
Telephone	+6083-436273	Facsimile	+6083-436152

1.2 Certification Information			
Certificate Number	MSPO 716639		
Issue Date	28/10/2015	Expiry date	27/10/2020
Scope of Certification	Production of Sustainable Oil Palm Fruits		
Stage 1 Date	Pilot/ Stage I Assessment: 19-21/10/2014		
Stage 2 / Initial Assessment Visit Date (IAV)	3/9/2015		
Continuous Assessment Visit Date (CAV) 1	20-22/12/2016		
Continuous Assessment Visit Date (CAV) 2	14-16/8/2017		
Continuous Assessment Visit Date (CAV) 3	1-3/10/2018		
Continuous Assessment Visit Date (CAV) 4	27-30/8/2019		
Other Certifications			
Certificate Number	Standard(s)	Certificate Issued by	Expiry Date
MPOB-CoP/SH/0004	MPOB Sustainable Palm Oil Cluster (SPOC)	MPOB	27/10/2020

1.3 Location of Certification Unit			
Name of the Certification Unit (Palm Oil Mill/ Estate/ Smallholder/ Independent Smallholder)	Site Address	GPS Reference of the site office	
		Longitude	Latitude
MPOB Sustainable Palm Oil Cluster (SPOC) Kabong & Roban (Q11)	Pejabat MPOB Cawangan Saratok, 1 st & 2 nd Floor, Taman Muhibbah, 95400 Saratok.	111° 20' 10" E	1° 45' 30" N

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1.4 Plantings & Cycle					
Estate	Age (Years) - ha				
	0 - 3	4 - 10	11 - 20	21 - 25	26 - 30
N/A					

1.5 FFB Production (Actual) and Projected (tonnage)			
Producer Group	Projected from last audit (Sept'18 – Aug'19)	Actual production (Sept'18 – Aug'19)	Projected production for next 12 months (Sept'19 – Aug'20)
MPOB Sustainable Palm Oil Cluster (SPOC) Kabong & Roban (Q11)	491.40	922.67	7,466.65

1.6 Certified CPO / PK Tonnage			
Mill	Estimated (Previous Year)	Actual (This Year)	Forecast (Next Year)
N/A	CPO (OER: %)	CPO (OER: %)	CPO (OER: %)
	N/A		
	PK (KER: %)	PK (KER: %)	PK (KER: %)
	N/A		

1.7 Certified Area					
Estate	Total Planted (Mature + Immature) (ha)	HCV (ha)	Infrastructure & Other (ha)	Total Area (ha)	% of Planted
583 Smallholders	2,986.66	-	-	2,986.66	100

1.8 Details of Certification Assessment Scope and Certification Recommendation:

BSI Services Malaysia Sdn Bhd has conducted the Annual Surveillance Assessment 4 Certification Assessment of MPOB Sustainable Palm Oil Cluster (SPOC) Kabong & Roban, located in Saratok, Sarawak comprising 583 of independent smallholders.

The assessment was conducted onsite to assess the compliance of the certification unit against the MS 2530-2:2013 Malaysian Sustainable Palm Oil (MSPO) Part 2: General principles for Independent Small holders and MSPO Guidance - Part 2(060814).

The onsite assessment was conducted on 27-30/8/2019.

Based on the assessment result, MPOB Sustainable Palm Oil Cluster (SPOC) Kabong Roban, complies with the MS 2530-2:2013 Malaysian Sustainable Palm Oil (MSPO) Part 2: General principles for Independent Small holders and MSPO Guidance - Part 2_EDITED VERSION (100114) and recommended for its certification to be continued.

Section 2: Assessment Process

Certification Body:

BSI Services Malaysia Sdn Bhd,
Unit 3, Level 10, Tower A
The Vertical Business Suites, Bangsar South
No. 8, Jalan Kerinchi
59200 Kuala Lumpur
Tel +603 2242 4211 Fax +603 2242 4218
Nicholas Cheong: Nicholas.Cheong@bsigroup.com
www.bsigroup.com

BSI is a leading global provider of management systems assessment and certification, with more than 60,000 certified locations and clients in over 100 countries. BSI Standards is the UK's National Standards Body. BSI provides independent, third-party certification of management systems.

Assessment Methodology, Programme, Site Visits

This on-site assessment was conducted from 27-30/8/2019. The audit programme is included as Appendix A. The approach to the audit was to treat the 583 independent smallholders groups as a MSP0 Certification Unit. A range of environmental and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HBVs, declared conservation areas and local communities.

The methodology for collection of objective evidence included physical site inspections, observation of tasks and processes, interviews of staff, workers and their families and external stakeholders, review of documentation and monitoring data. MS 2530-2:2013 were used to guide the collection of information to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The estates or smallholders sample were determined based on formula $S = r\sqrt{n}$ where n is the number of estates while when applicable, the smallholders sample were determined following the MSP0 Certification Requirement. The sampling of smallholders were based on the formula $(r\sqrt{n})$; where r is the risk factor (may defers 1, 1.5 and 2 depending on risk), where n is total number of group members. The sampled smallholder listed in Appendix C.

Meetings were held with stakeholders to seek their views on the performance of the company with respect to the MSP0 requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and these have been incorporated into the assessment findings.

Structured worker interviews with male and female workers and staff were held in private at the workplace in the mill and the estates. Fieldworkers were interviewed informally in small groups in the field. In addition, the wives of workers and staff were interviewed in informal group meetings at their housing. Separate visits were made to each of the local communities to meet with the village head and residents. Company officials were not present at any of the internal or external stakeholder interviews. A list of Stakeholders contacted is included as Appendix B.

This report is structured to provide a summary of assessment finding as attached in the Section 3. The assessment was based on random samples and therefore nonconformities may exist that have not been identified.

This report was externally reviewed by MSP0 approved Peer Reviewer prior to certification decision by BSI.

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The following table would be used to identify the locations to be audited each year in the 5 year cycle

1. Assessment Program					
Name (Mill / Plantation / Group smallholders)	Year 1 (Certification)	Year 2 (ASA 1)	Year 3 (ASA 2)	Year 4 (ASA 3)	Year 5 (ASA 4)
MPOB Saratok Office	✓	✓	✓	✓	✓
Smallholder members	12 members	12 members	12 members & 10 new members	12 members	10 members & 23 new members

Tentative Date of Next Visit: August 3, 2020 - August 6, 2020

Total No. of Mandays: 12

BSI Assessment Team:

Hu Ning Shing – Lead Assessor

She holds Bachelor Degree in Science majoring in Applied Chemistry, graduated from University of Malaya on 2011. She has 5 years working experience in rubber and palm oil industry. She also has the experiences as auditor for several standards including ISO 9001, MSPO and RSPO in her previous certification body. She completed the ISO 9001 Lead Auditor Course on 2016, Endorsed RSPO P&C Lead Auditor Course in 2012 and Endorsed RSPO SCCS Lead Auditor Course in 2015. She attended Endorsed MSPO Auditor and MSPO SCCS Lead Auditor Course in 2019. She had been involved in RSPO auditing since November 2015 in more than various companies in Malaysia. During this assessment, she assessed on the aspects of social, legal, workers & stakeholders consultation and SCC for CPO mill. She is fluent in Bahasa Malaysia and English languages.

Valence Shem – Team Member

He holds Bachelor Degree in Industrial Technology, graduated from University of Science Malaysia in 1998 and has 9 years working experience in oil palm plantation industry. He has been in the management system auditing line since 2009 for various standards such as ISO 140001, RSPO P&C, RSPO SCCS and SMETA. He completed the ISO 14001 Lead Auditor Course in 2008, ISO 9001 Lead Auditor Course in 2013, Endorsed RSPO P&C Lead Auditor Course in 2011, Endorsed RSPO SCCS Lead Assessor Course in 2012 and MSPO Awareness Training in 2014. He had been involved in RSPO auditing since 2009 in various companies in Malaysia. During this assessment, he assessed on the aspects of legal, social aspects, workers welfare and stakeholders consultation.

Muhamad Nagiuddin Mazeli – Team Member

He graduated with Bachelor of Science Horticulture at University Putra Malaysia. He started his career in 2009 as Researcher at Sime Darby Research Seed Centre and manage for Quality control for seed production for paddy, chilli and corn with collaboration with Malaysian Agricultural Research and Development Institute (MARDI) for 4 years. During the period, he was also involved with Nestle project on Red Rice production. He later joins the Sime Darby Plantation Berhad Sustainability Team in 2013 as Sustainability Executive. Joining the sustainability team, he managed, implemented and monitored the RSPO, ISCC, MSPO and ISO 9001 and ISO 18001 certification requirements for the estates, mills, refineries and Smallholder scheme. He also support in providing training and internal audits related to RSPO, MSPO and other certifications where applicable to the operations within Sime Darby

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Plantation. He is a trained Safety Officer and he managed the Occupation Safety and Health of Northern Region Sime Darby Plantation Berhad operations.

Accompanying Persons: N/A

Section 3: Assessment Findings

3.1 Details of audit results

This assessment has been assessed using the following RSPO normative requirements. The assessment details are provided in Appendix A.

- MSPO MS 2530-2:2013 – General Principles for Independent Smallholders
- MSPO MS 2530-3:2013 – General Principles for Oil Palm Plantations and Organized Smallholders
- MSPO MS 2530-4:2013 – General Principles for Palm Oil Mills

3.2 Details of Nonconformities and Opportunity for improvement

The nonconformity is listed below.

During the Certification Assessment there were one major (1) Major & one minor (1) nonconformities raised. The MPOB Sustainable Palm Oil Cluster (SPOC) Kabong Roban Certification unit submitted Corrective Action Plans for the nonconformity. Corrective action plans with respect to the nonconformity was reviewed by the BSI audit team and accepted.

The implementation of the corrective action plans to address the minor nonconformity will be followed up during the next surveillance assessment. The implementation of the Corrective Actions for the Major Nonconformity(ies) has been verified for its effectiveness and closed accordingly.

Major Nonconformities:		
Ref	Area/Process	Clause
1815518-201908-M1	SPOC Kabong & Roban	4.3.1.1
Requirements:	1) Independent smallholders shall show awareness of compliance with all applicable local, state, national and ratified international laws and regulations. 2) Circular from Dept. of Agriculture, dated 16/5/2014 [ref.: JP/KRP/2017/12/656/2 Jld. VI (54), Sub.: "Akta Racun MakhluK Perosak 1974, Keputusan Mengenai Pendaftaran dan Penggunaan Paraquat di Malaysia", Item 5.v.: Berkuatkuasa mulai 1 Jun 2015, paraquat hanya boleh dijual oleh dan dibeli dari pendaftar, pengilang dan Pertubuhan Peladang Kawasan. Bermula daripada tarikh yang sama juga, syarat-syarat baru bagi Lesen Menjual/Lesen Menyimpan Untuk Jualan Racun MakhluK Perosak bagi premis-premis lain akan diketatkan di mana paraquat tidak lagi boleh dijual. Satu Pekeliling berasingan akan dikeluarkan kepada semua premis berlesen yang terlibat bagi memaklumkan perkara ini.	
Statement of Nonconformity:	Some smallholders have used paraquat without conforming the circular from the Dept. of Agriculture.	
Objective Evidence:	Based on interview, some smallholders informed that they have been using paraquat for weeding. The paraquat was purchased from common herbicides premises and not from authorised registrar, manufacturer or Pertubuhan Peladang Kawasan. The receipts of purchase were also not retained. One of the smallholders has also informed that the premise has repacked the paraquat in different herbicide container.	

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Corrections:	<ol style="list-style-type: none"> 1) Reminder letter have been issued to the independent smallholders to stop using paraquat and change to glyphosate and other class III herbicides (refer attachment 1). 2) The brochure of paraquat being ban 1st January 2020 from Department are also distributed to the independent smallholders.
Root cause analysis:	Independent smallholders still using paraquat because they have bought the chemicals before they attend awareness training regarding the control of using paraquat.
Corrective Actions:	<ol style="list-style-type: none"> 1) The frequency of awareness training regarding the paraquat usage and the mandatory banned beginning 1st January 2020 will be increase in the future to ensure the independent smallholders will stop using paraquat.
Assessment Conclusion:	<p>Evidence submitted:</p> <ol style="list-style-type: none"> 1) A reminder letter to all of the group members dated 17/9/2019 from the SPOC Q11 Group Manager that shows that group members are reminded about the instruction not to use paraquat anymore which was given by the Group Manager on 10/7/2019 during MSPO Briefing, or legal action will be taken against them 2) Brochure from DOA about the ban of paraquat effective from 1/1/2020 which was attached together with the reminder letter mentioned above 3) Training plan ("Kalender Aktiviti 2020") that shows the frequency of awareness training with regards to herbicides usage management has been increased and "Program Lawatan GAP/LKN SPOC Q11 Kabong dan Roban Tahun 2020" that shows the field consultancy visit schedule of MPOB's TUNAS Officer for year 2020 <p>The correction & corrective action and evidence found to be adequate to close the NCR on 18/09/2019. The effectiveness of implementation shall be verified in the next assessment.</p>

Minor Nonconformities:

Ref	Area/Process	Clause
1815518-201908-N1	SPOC Kabong & Roban	4.4.4.1
Requirements:	Independent smallholders are encouraged to seek knowledge to increase their competency in oil palm management.	
Statement of Nonconformity:	Found smallholder competency in Oil Palm Management was inadequate.	
Objective Evidence:	MPOB Saratok has conducted a training on no open burning to the members on 10 July 2019. However, based on site visit and interview, it was found that some smallholders were dispose fertilizer bags and empty chemical containers by burning.	
Corrections:	<ol style="list-style-type: none"> 1) Reminder letter have been issued to the independent smallholders to stop all open burning to dispose empty fertilizer bag and empty chemical container. 2) Preparation of yearly training programme to independent smallholders about the management schedule waste (empty chemical containers, empty fertilizer 	

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	bag), usage of personal protection equipment (PPE),also chemical control and pesticide application in oil palm management.
Root cause analysis:	The training that have been done not so effective as the independent smallholders still not practice the proper way to dispose the fertilizer's bags and chemical containers.
Corrective Actions:	Spesific training on the management of schedule waste and the usage of personal protection equipment (PPE) will be conduct to increase the independent smallholders's competency in oil palm management.
Assessment Conclusion:	The implementation of CAP will be verify during next surveillance assessment.

Noteworthy Positive Comments	
1	Positive comments from all stakeholders interviewed
2	All personnel were cooperative during the assessment process

3.3 Status of Nonconformities Previously Identified and OFI

Not applicable.

3.4 Issues Raised by Stakeholders

IS #	Description
1	Issues: No negative comments from the interviewed stakeholders. Generally, relationship between the stakeholders and smallholders was good.
	Management Responses: Maintain the good relationship.
	Audit Team Findings: No further action.

3.5 Summary of the Nonconformities and Status

CAR Ref.	CLASS	ISSUED	STATUS
1815518-201908-M1	Major	30/8/2019	18/9/2019
1815518-201908-N1	Minor	30/8/2019	"Open"

3.6 Summary of the findings by Principles and Criteria

Criterion / Indicator		Assessment Findings	Compliance
4.1 Principle 1: Management commitment & responsibility			
Criterion 4.1.1 – Malaysian Sustainable Palm Oil (MSPO) Policy			
4.1.1.1	There shall be a policy binding smallholders to MSPO. Applicable to independent smallholders under group management. - Major compliance -	Group Manager of SPOC Kabong & Roban (Q11) has established and implemented MSPO Policy. The policy has briefed to all the smallholders during their registration to participate MSPO certification by the Group Manager. The smallholders have acknowledged on agreement (A-01/MSPO/2016) after briefed and agreed with the terms and conditions.	Complied
Criterion 4.1.2 – Continual Improvement			
4.1.2.1	The action plan for continual improvement shall be based on the consideration for the main social and environmental impact and opportunities of the independent smallholder’s group, such as SPOC. Independent smallholders shall be aware of the need to understand the importance of continuous improvement. - Major compliance -	Action plan for social and environmental impact have been addressed in “ <i>Senarai Impak Sosial, Persekitaran & Pelan Tindakan</i> ” [L-03/ISP, dated 1/4/2016]. Among the action plan established were: - To continue providing job opportunities to surrounding communities in oil palm plantation of the members - To provide new exposure to members with regards to systematic plantation works - to continue the proper management of PPE	Complied

Criterion / Indicator		Assessment Findings	Compliance
		<ul style="list-style-type: none"> - to improve the soil nutrients through application of organic fertiliser - to continue triple rinsing method in cleaning the empty chemical containers and keep them in proper place - to continue best practice based on GAP and TUNAS (<i>tunjuk ajar nasihat sawit</i>) advisory <p>Communication to the smallholders with regards to continual improvements was done through training for examples "<i>Taklimat MSPO SPOC Saratok, Sarawak</i>" (16/3/2019), "<i>Taklimat Pensijilan MSPO</i>" (23/2/2019 & 24/4/2019). Attendance records were available for verification.</p>	
4.1.2.2	<p>Group management shall establish a system to improve practices in line with new information and techniques; and for disseminating this information throughout the group members.</p> <p>- Major compliance -</p>	<p>The new technologies or information is disseminated through training program, site visit and discussion. The records of the training were updated from time to time. The records of the recommended actions were recorded in the "<i>Laporan lawatan khidmat nasihat</i>" MPOB (as part of internal audit). The visit report has the information about date of visit, name of smallholders and problem & recommendation. Apart from that, <i>Warta Sawit</i> (issued quarterly, published by MPOB) is also distributed to the members.</p>	Complied

Criterion / Indicator		Assessment Findings	Compliance
4.2 Principle 2: Transparency			
Criterion 4.2.1 – Traceability			
4.2.1.1	The group management shall commit itself to implement and maintain the requirements for traceability. - Major compliance -	The group members record their FFB delivery in “Buku Rekod Ladang”, which has the information about harvesting date, quantity (mt) and price per mt. The Group Manager will cross check all of the data against FFB receipt issued by the collection center or palm oil mill.	Complied
4.2.1.2	To keep records of sales and delivery or transportation of fresh fruit bunches. - Major compliance -	The record of sales and delivery was available in each personal file under “C. Laporan Hasil BTS Pemohon Pekebun” example:- For SPOC Kabong & Roban (Q11) Hamsawi Bin Hamid latest FFB record was on July 2019 (4.30 MT) Shukeran Bin Sali – July 2019 (5.9MT) Norhaida Binti Bakir – July 2019(4.72MT)	Complied
4.3 Principle 3: Compliance to legal requirements			
Criterion 4.3.1 – Regulatory requirements			
4.3.1.1	Independent smallholders shall show awareness of compliance with all applicable local, state, national and ratified international laws and regulations. - Major compliance -	Interview with the smallholders found that they are aware of the compliance with all applicable laws. Document review found all the sampled smallholders have obtained the MPOB license. Based on samples checked, all the MPOB licenses were found to be valid at the point of visit.	Major Non-conformance

Criterion / Indicator		Assessment Findings	Compliance
		<p>Nonetheless, some smallholders have used paraquat without conforming the circular from the Dept. of Agriculture. Based on interview, some smallholders informed that they have been using paraquat for weeding. The paraquat was purchased from common herbicides premises and not from authorised registrar, manufacturer or <i>Pertubuhan Peladang Kawasan</i>. The receipts of purchase were also not retained. One of the smallholders has also informed that the premise has repacked the paraquat in different herbicide container.</p> <p><i>Thus, a major non-conformity was raised.</i></p>	
Criterion 4.3.2 – Lands use rights			
4.3.2.1	<p>Independent smallholders shall demonstrate rights to their landholdings and there is no evidence of major land disputes.</p> <p>- Major compliance -</p>	<p>All of the sampled members have NCR titles for their oil palm plantation. This can be evident through verification of "<i>Akuan Pengesahan Tanaman Kelapa Sawit</i>" form. The form has the information about the oil palm area of the members and endorsement by Tuai Rumah and Ketua Kampung. There was no evidence of land dispute.</p>	Complied
Criterion 4.3.3 – Customary rights			
4.3.3.1	<p>Independent smallholders shall demonstrate customary rights to their landholdings</p> <p>Note: Where recognized customary or legally owned land has been taken over and where there is documentary proof of a transfer of rights (e.g. sale) and of payment or provision of agreed compensation.</p>	<p>Interview with the local communities confirmed that the smallholders have the customary rights on the land. MPOB license and lease land title is the legal document for the land ownership for the NCR lands as the village heads recognise it. Sampled of the MPOB license and land titles as below:</p> <p>i. Lot No.: 1560</p>	Complied

Criterion / Indicator		Assessment Findings	Compliance
	- Major compliance -	<ul style="list-style-type: none"> ii. Lot No.: 394 iii. Rumah EK, 94650 Kabong iv. Kpg. Nyabor, 94650 Kabong 	
4.3.3.2	<p>Maps of an appropriate scale showing extent of recognized customary rights land, if any, should made available.</p> <p>- Minor compliance -</p>	Each of the smallholders have sketch a location map of their land and submitted to MPOB for record purpose. Besides, Group Manager has obtained all the GPS coordinates recorded in the GAP form. In additional, the head of local communities has endorsed the smallholders have the rights to use the lands.	Complied
4.4 Principle 4: Social responsibility, health, safety and employment condition			
Criterion 4.4.1: Complaints and grievances			
4.4.1.1	<p>Independent smallholders shall be able to respond to complaints that are raised by their neighbours or other stakeholders.</p> <p>- Major compliance -</p>	SPOC Kabong & Roban (Q11) has developed Complaint and Grievances Procedure (Doc. No.: SOP-01/AR/2016, Effective Date: 01/04/2016, Rev. 0) where the objective of the procedure is to monitor and ensure complaint and grievances received from the affected parties will be investigate and take action accordingly within 14 days from the date of receipt of complaints. Complaint and Grievance form implemented by MPOB SPOC Kabong and Roban. Reviewed on the Complaint & Grievance form found that no complaint has received since last audit. Interviewed with the sampled smallholders confirmed that they have no complaint and grievances towards MPOB.	Complied
4.4.1.2	<p>The local system should be able to resolve disputes.</p> <p>- Minor compliance -</p>	Local system used to resolve disputes was found effective based on the interviewed with the smallholders where most of them	Complied

Criterion / Indicator		Assessment Findings	Compliance
		understand the process and can be escalated to the group manager if the is unresolved issues. There were no dispute reported so far.	
Criterion 4.4.2: Employees safety and health			
4.4.2.1	<p>Independent smallholders need not have a formal health and safety plan but shall ensure that all work practices are safe.</p> <p>- Major compliance -</p>	<p>MPOB already establish the Working Manual Procedure (MPK rev-01) prepared by Pusat Piawaian Kemampanan & Pensijilan (SSCC). This manual include environment, Safety & Health and also Social such as Prosedur Kemalangan, Kejadian Berbahaya Dan Keracunan Perkerjaan under Manual Prosedur Kerja MSPO Kelompok Minyak Sawit Mampan (SPOC) and Garis Panduan Keselamatan dan Kesihatan Pekerjaan (MSPO/SSCC/GP-02/KKP). Latest review was on 10 July 2019 for all procedure and action plan.</p> <p>Under Senarai Impak Sosial, Persekitaran & Pelan Tindakan (MSPO/SSCC/L-04/ISP) dated 10 July 2019 have mention planning for give awareness regarding to PPE during fertilizer application, triple rinsing and good agriculture practice to small holder.</p> <p>Training have been done on 30 April 2019 at Rh Amis, Lubok Kerupok,Kabo,Krian by MPOB Saratok. This training was focus on safety & environment and also MSPO certification.</p> <p>Site verification</p> <p>Noted during site review at smallholder farms and interview with smallholders found safe working is practiced where PPE is used for chemical spraying and harvesting.</p>	Complied

Criterion / Indicator		Assessment Findings	Compliance
		Records will be kept by the group manager to monitor the effectiveness of the work safety implementation. Up to date, no accident reported.	
Criterion 4.4.3: Employment conditions			
4.4.3.1	For independent smallholders with temporary workers, work conditions shall be in accordance with a mutual verbal agreement made transparently and freely. - Minor compliance -	The smallholders do not employed workers in their plantations. They or family members managed the plantations. All the activities carried out by themselves or family members.	Complied
4.4.3.2	Independent smallholders & group managers shall provide equal opportunity and treatment regardless of race, gender, religion, political affiliation, nationality, social origin or other distinguishing characteristics and shall not engage in or support discriminatory practices in line with national aspiration. - Minor compliance -	The smallholders do not employed workers in their plantations. They or family members managed the plantations. All the activities carried out by themselves or family members.	Complied
4.4.3.3	Group managers for Independent smallholders shall ensure that worker's pay and conditions meet legal standards as per mutual agreements. - Major compliance -	The smallholders do not employed workers in their plantations. They or family members managed the plantations. All the activities carried out by themselves or family members.	Complied
4.4.3.4	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities, where available and practical.	The smallholders do not employed workers in their plantations. They or family members managed the plantations. All the activities carried out by themselves or family members. Therefore, no on-site living quarters required.	Complied

Criterion / Indicator		Assessment Findings	Compliance
	- Major compliance -		
4.4.3.5	<p>Children and young persons are not to be employed or exploited. The minimum age and conditions of employment shall comply with local, state or national legislation. Work by children is acceptable on family farms, under adult supervision, and when it does not interfere with their education. Children are not to be exposed to hazardous working conditions.</p> <p>- Major compliance -</p>	<p>No evidence of child labour found during site visit to the smallholders' sites. Interviewed with the smallholders found that they are aware of the importance of education for children and the hazard if the children is working in the field.</p>	Complied
Criterion 4.4.4: Training and competency			
4.4.4.1	<p>Independent smallholders are encouraged to seek knowledge to increase their competency in oil palm management.</p> <p>- Minor compliance -</p>	<p>Group Manager together with the "Pegawai Tunas Kawasan" Onsite MPOB Officers had planned and conducts regular trainings for the smallholders. Smallholders' interview found that they always seek advice from group manager and MPOB officers to increase their competency in oil palm management. The training has covered the element of MSPO awareness, manuring technique, harvesting technique and weed control. MPOB Saratok has conducted a training on no open burning to the members on 10 July 2019. However, based on site visit and interview, it was found that some smallholders were dispose fertilizer bags and empty chemical containers by burning.</p> <p><i>Thus, a minor non-conformity was raised.</i></p>	Minor non-conformamce
4.5 Principle 5: Environment, natural resources, biodiversity and ecosystem services			

Criterion / Indicator		Assessment Findings	Compliance
Criterion 4.5.1: Environmental Management Plan			
4.5.1.1	Independent smallholders are expected to be aware of the environmental impact but are not expected to undertake any formal impact assessment unless there is a legal requirement. - Minor compliance -	Smallholders are trained by the group manager on the environmental Impacts. Last training was conducted in " <i>Taklimat MSPO SPOC Saratok, Sarawak</i> " (16/3/2019) and " <i>Taklimat Pensijilan MSPO</i> " (23/2/2019 & 24/4/2019). Interview with smallholders found they were able to explain the environmental impacts and needs for the protection of environment. Nonetheless, some smallholders informed that they burned the empty chemical containers (see NCR raised under 4.4.4.1).	Complied
Criterion 4.5.2: Efficiency of energy use and use of renewable energy			
4.5.2.1	The use of renewal energy should be applied where possible. - Minor compliance -	So far, there was no possible area identified that the smallholders could use renewable energy.	Complied
Criterion 4.5.3: Waste management and disposal			
4.5.3.1	All waste products and sources of pollution shall be identified by the group manager. - Major compliance -	MPOB already establish procedure for waste management under MPK rev-01 under appendix 5 (Procedure for Scheduled waste) and Appendix 8(Waste from chemical and domestic). Waste products and sources of pollution identified documented in the group procedure of Kelompok Minyak Sawit Mampan under Pengurusan Bahan Buangan Terjadual (MSPO/SSCC/SOP-03/BT) dated 10 July 2019, Identified waste and other source of pollutions recorded by group manager.	Complied

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Criterion / Indicator		Assessment Findings	Compliance
4.5.3.2	<p>Group managers shall ensure that waste from the smallholdings is disposed of appropriately. Smallholders shall adopt local and national legislation to dispose of hazardous chemicals and their containers.</p> <p>- Major compliance -</p>	<p>Group manager has established management procedures as following:</p> <p>Pengurusan Bahan Buangan Terjadual (MSPO/SSCC/SOP-03/BT) dated 10 July 2019</p> <p>Prosedur Pengendalian dan Pelupusan Bahan Kimia; MSPO/SSCC/SOP-02/BK</p> <p>Verified during field visit, the smallholders able to explain on how they triple rinse, puncture and send them to the recycle centre and using back as container for chemical.</p> <p>There also have a letter from Jabatan Alam Sekitar referred letter JAS 91/110/619/130 dated 24 May 2018 stated that empty container that have been triple rinse is not a scheduled waste.</p>	Complied
Criterion 4.5.4: Natural water resources			
4.5.4.1	<p>Group managers should ensure that Independent smallholders can demonstrate that they understand the need to maintain the quality and availability of surface and ground water and steps are being taken for its implementation.</p> <p>- Minor compliance -</p>	<p>Based on presentation materials for " <i>Taklimat MSPO SPOC Saratok, Sarawak</i>" (16/3/2019) and " <i>Taklimat Pensijilan MSPO</i>" (23/2/2019 & 24/4/2019), the needs to maintain the quality and availability of surface and ground water were explained during the talks. Smallholders interviewed are able to explain the needs and steps were taken such as no blanket spraying, maintenance of riparian buffer zones (if any) and etc.</p>	Complied
4.5.4.2	<p>Water harvesting practices should be implemented.</p> <p>- Minor compliance -</p>	<p>Among the means of water harvesting by the smallholders observed were ponds in the farm and drains. The water was mainly used for herbicides spraying operation.</p>	Complied

Criterion / Indicator	Assessment Findings	Compliance	
Criterion 4.5.5: Status of rare, threatened, or endangered species and high biodiversity value			
4.5.5.1	Group manager or relevant government agency should ensure that Independent smallholders are able to show a basic understanding of any species or habitats of concern, together with their conservation needs. Information on protected species and their habitat with high biodiversity value may be obtained from relevant government agencies, such as the Forestry Department, Forest Research Institute of Malaysia and the Wildlife Department. - Minor compliance -	Interview of smallholders found that they were able to show basic understanding of any species or habitats of concern, together with their conservation needs. The group manager has managed to conduct the awareness training on the conservation of flora and fauna through various training as mentioned in Indicator 4.4.4.1.	Complied
Criterion 4.5.6: Zero burning practices			
4.5.6.1	Independent smallholders shall not practice open burning during land preparation for oil palm cultivation or replanting, unless with the permission of relevant state authorities. - Major compliance -	Group manager together with MPOB officers (Pegawai Tunas Kawasan) conduct regular visit to the smallholder fields. Monitoring for any open burning activity is part of the visit objectives. During site visit at the sampled smallholders' plantation, there was no trace of open burning observed. The group members have also been informed about the restriction of open burning for land preparation through various trainings as mentioned in Indicator 4.4.4.1.	Complied
4.6 Principle 6: Best Practices			
Criterion 4.6.1: Site Management			
4.6.1.1	Group managers & relevant government agencies should encourage all independent smallholders' to implement best practices such as	Group Manager already establish the plan can refer Lampiran 10; Garis Panduan Pelan Daya Ekonomi dan Kewangan;	Complied

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Criterion / Indicator		Assessment Findings	Compliance
	the MPOB Codes of Practice, Malaysian Standards and the Kod Amalan Baik (GAP) Pekebun Kecil. - Minor compliance -	MSPO/SSCC/GP-01/PEK dated 10 July 2019 covered GAP, spraying, fertilizer and safety.	
4.6.1.2	A visual identification or reference system shall be established for each field or block of oil palm planting by group manager (where practical). - Major compliance -	Boundary markers between smallholders were sighted during site visit. Based on site visit at the sampled smallholders, it was noted that the boundaries were demarcated with various ways such as wooden pole, roads and trenches. The lands were mainly of natives (NCR land) where there were no disputes noted between the neighboring land owners. Apart from that the group manager of the SPOC at the back office has the information about all the smallholders area based on their land titles.	Complied
Criterion 4.6.2: Economic and financial viability plan			
4.6.2.1	Group manager shall establish a documented business or management plan to demonstrate attention to economic and financial viability. - Major compliance -	The group manager already establish the management plan to demonstrate attention to economic and financial viability dated 10 July 2019 under MSPO/SSCC/GP-01/PEK.	Complied
Criterion 4.6.3: Transparent and fair price dealing			
4.6.3.1	Independent smallholders are encouraged to communicate with and have consultations with dealers, millers, local communities and other affected or interested parties. - Minor compliance -	Group Manager has an agreement with Saratok Palm Oil Mill Sdn Bhd with FFB pricing that offer to the smallholders to sell FFB to the mill with a revised letter dated 10/7/2018. The pricing of FFB was according to the MPOB pricing. The Group Manager has monitored the tonnage of FFB sent to dealers/ mill on monthly basis by keeping a softcopy of payment vouchers of FFB sold. The Group	Complied

Criterion / Indicator		Assessment Findings	Compliance
		Manager has monitored the pricing of the mill and dealers offered to the smallholders on monthly basis. There were no disputes on the payment noted during the audit through interviewed with the smallholders.	
4.7 Principle 7: Development of new planting			
Criterion 4.7.1: Oil palm shall not be planted on land with a high biodiversity value			
4.7.1.1	Independent smallholders shall not plant oil palm on land with high biodiversity value as identified by local, state and national legislation. - Major compliance -	NA. No development of new planting.	Complied
Criterion 4.7.2: Soil Survey			
4.7.2.1	Independent smallholders should obtain information on soil types, topography and their suitability for oil palm plantings from the relevant government agency. New planting plans should be prepared in consultation with extension service officers. - Minor compliance -	Agricultural department provide information on soil types, topography and their suitability for oil palm planting. Topography maps namely Digital Soil Map was available at site office. From the soil map, SPOC Kabong & Roban have Anderson, Bijat;Tatau;Semadoh, Kapit, Merit dan Saratok soil type as per map dated 27 July 2018 prepared by Geospatial Technology Group., MPOB	Complied
Criterion 4.7.3: Extensive planting on steep terrain, marginal and fragile soils			
4.7.3.1	Extensive planting on steep terrain, marginal and fragile soils, shall be avoided unless permitted by local legislation. Independent smallholders who establish new plantings on steep terrain, marginal	No new planting in shceme SPOC Kabung & Roban(Q11).	Complied

Criterion / Indicator	Assessment Findings	Compliance
<p>and fragile soils, should adopt appropriate and viable conservation measures.</p> <p>- Major compliance -</p>		

Section 4: Assessment Conclusion and Recommendation

Acknowledgement of Internal Responsibility and Formal Sign-off of Assessment Findings	
Based on the findings during the assessment MPOB Sustainable Palm Oil Cluster (SPOC) Kabong Roban Certification Unit complies with the MS 2530-2:2013. It is recommended that the certification of MPOB Sustainable Palm Oil Cluster (SPOC) Kabong Roban Certification Unit is approved and/or continued.	
Acknowledgement of Assessment Findings	Report Prepared by
Name: AWANG SAUPTAN AWANG MUMIN	Name: Hu Ning Shing
Company name: MALAYSIAN PALM OIL BOARD	Company name: BSI Services Malaysia Sdn. Bhd.
Title: GROUP MANAGER	Title: Lead Auditor
Signature: 	Signature: 
Date: 19-09-2019	Date: 19/09/2019

Appendix A: Assessment Plan

Date	Time	Subjects	HNS	VS	MN
Monday 26/8/2019	0830-1700	Travelling from KL to Saratok	√	√	√
Tuesday 27/8/2019	0800-0900	Opening Meeting: <ul style="list-style-type: none"> Opening Presentation by Audit team leader. Confirmation of assessment scope and finalize Audit plan (including stakeholder's consultation).	√	√	√
	0900-1230	Field Inspection – Smallholder 1 to 6: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1230-1330	Lunch	√	√	√
	1330-1630	Field Inspection – Smallholder 7 to 11: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1630-1700	Interim Closing briefing	√	√	√
Wednesday 28/8/2019	0830–1230	Field Inspection – Smallholder 12 to 17: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1230–1330	Lunch	√	√	√
	1330–1600	Field Inspection – Smallholder 18 to 22: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1600-1700	Interim Closing briefing	√	√	√

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Date	Time	Subjects	HNS	VS	MN
Thursday 29/8/2019	0830–1230	Field Inspection – Smallholder 23 to 28: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1230–1330	Lunch	√	√	√
	1330–1600	Field Inspection – Smallholder 29 to 33: Field visit, boundary inspection, fertilizer application, weeding, harvesting, workers interview, buffer zone, HCV area, office, workshop, worker housing, landfill, chemical store and mixing, etc	√	√	√
	1600-1700	Interim Closing briefing	√	√	√
Friday 30/8/2019	0830–1230	Document review: Land use type, customary right land, complaints and grievance, safe work practices, employment conditions, training and competency, environmental management plan, energy usage, waste management plan, natural water resources, bio-D and ERT awareness, zero burning, best practices, site management and development of new planting (if any).	√	√	√
	1230–1330	Lunch	√	√	√
	1330–1600	Document Audit: Public documents, SOPs, Policies, Internal audit, Production & traceability requirements, FFB pricing, legal and other requirements, review on SEIA documents and records, wage records, complaint records, workers records, training records, permits, CIP, etc.	√	√	√
	1600-1700	Finalization of audit findings & preparation of closing meeting	√	√	√
	1700-1730	Closing meeting	√	√	√

Appendix B: List of Stakeholders Contacted

<p>Internal Stakeholders: Group Manager MPOB Officers (Pegawai Saratok) Cooperative Assistant</p>	<p>External Stakeholders: Nil</p>
<p>Group Members sampled (New Members): Ismail bin Sani Suep bin Buang Hairir bin Taman Abdul Rahman bin Mahrif Anyai Anak Awang Kepol bin Abang Mohamad bin Mohamad Rambli Muloi Anak Ngingie @ Ngingie Hamsawi bin Hamid Anggau Anak Ngingie Gedie Anak Japar Manggai Anak Mansor Ek Anak Ngingie Ensriban Anak Laga Asuda Anak Gara Bandan Anak Jilom Mohamad Asfia bin Adenan Kiplie bin Yusuf Telly Anak Kilat John Anak Manja Nurin Anak Enting Mataim bin Ilin Sabeli bin Paiee Shukeran bin Saili Yusuf bin Rosli Senin Anak Mansor</p>	<p>Group Members sampled (Old Members): Nasir bin Madeli Abg. Seman bin Abg. Latap Azeha bin Jabeli Bakar bin Man Belayau AK Rajet Ho Thung Kie Ismail bin Bujang Kusairi bin Tar Micheal Juan AK Latih Fadli bin Othman</p>

Appendix C: Smallholder Member Details

Existing Members:

No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
1	ABG. MOHAMAD ARBI BIN ABG. OMAR	2006	16.62	41.550
2	ANDAM@SULIN AK BRAYUN	2011/2012/2013	23.94	59.850
3	ANYOM AK AWAT	1999	5.06	12.650
4	ATON BIN TAR	2008	2.70	6.750
5	AWANGKU RAMLAN B AWANGMUDA	2010/2012	30.40	76.000
6	BILLY AK ANYOM	1999	5.06	12.650
7	BOLHI@BADAR BIN HAMDAN	2010	21.95	54.875
8	BUSRUL @ NASROL BIN BUSERAH	2003	9.00	22.500
9	BUSUT AK DANG	2005	9.00	22.500
10	CHALING AK GEROGÉ	2009/2007	5.00	12.500
11	CHUNDI AK UMBIH	2007	2.02	5.050
12	DEGET BIN MANTASIN	2006	3.00	7.500
13	DUNGGAT AK GANAI	2006	4.67	11.675
14	EMBIE AK IBIT	2005	4.20	10.500
15	FADLI BIN OTHMAN	2007	12.55	31.375
16	GANI BIN BUJANG	2004	6.60	16.500
17	GANI BIN LADI	2008	2.02	5.050
18	GANING JEBUL	2009	10.81	27.025
19	GIRIK AK NYALONG	2011	1.35	3.375
20	GOBIL BIN DAUD	1996/1998	6.42	16.050
21	HAKABI BIN KAHA	2003	2.50	6.250
22	HASSAN BIN DARANI	2003/2006	5.88	14.700
23	HAZIZAM BIN RAJUNI	2014	6.28	15.700
24	HOSEN BIN DOLAH	2008	1.80	4.500
25	IDRUS @ DERUS B ABANG	2006/2010	16.88	42.200
26	ISMAIL ANJAU	2008	5.00	12.500
27	JAHARI @ JAHANI BIN SALLEH	2009/2011	3.29	8.225
28	JAMALON B MAT	2009/2011	6.38	15.950

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
29	JANAU AK MELINA	2008	3.90	9.750
30	JERANI @ JELANI BIN BUJANG	2012	2.09	5.225
31	JIFRIEE BIN MASHOHOR	2009	2.00	5.000
32	JOHN AK ANGGA	2005	4.00	10.000
33	JUIN JANGGIE	2000	4.05	10.125
34	LABU AK JIMBAU	2004	4.05	10.125
35	LAKI @ ENTAN BT OSMAN	2009	1.57	3.925
36	LED BIN AJIS	2009/2011	4.18	10.450
37	LIM WEE CHAI	2008	16.50	41.250
38	LUTA AK JANTING	2000	4.05	10.125
39	MAHYUDDIN BIN PUTEH	2012	3.20	8.000
40	MOHAMMAD BUSRI BIN RAJUNI	2013	13.51	33.775
41	MORSHIDI BIN BOO	2008/2009	2.67	6.675
42	NASIR BIN MADELI	2007	5.74	14.350
43	NORDIN BIN SLI	2005	4.00	10.000
44	NURHAFIZAH BT OTHMAN	2011	10.14	25.350
45	OTHMAN B SAPERI	2010/2015	34.26	85.650
46	PHILLIP AK NYALANG	2003	5.40	13.500
47	RAJUNI BIN MELUDIN	2000	3.80	9.500
48	ROSLAN B KALAN	2008/2009/2012	6.62	16.550
49	RUMI ANAK KERIPIN	2000	4.05	10.125
50	SABELI BIN MUT	2008	1.53	3.825
51	SABINI@SAPENI B ULI	2005	5.00	12.500
52	SAPENI BIN SAHAK	2009	2.00	5.000
53	SIP BIN LADI	2010	1.69	4.225
54	SUGI AK AMAW	2011	1.35	3.375
55	SUNI BIN RAJUNI	2014	6.75	16.875
56	TAIB BIN ILIN	2007	2.16	5.400
57	TUAH BIN ZEN	2009	6.14	15.350
58	YU BOON HII	2005	3.25	8.125

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
59	ZAIDI BIN GOOS	2009	1.49	3.725
60	ABDUL RASHID BIN HJ. SEBAI	2009	1.35	3.375
61	ABDUL TAIB BIN SULAIMAN	1999	6.00	15.000
62	ABDUL TAIP BIN BAKAR	2004	2.10	5.250
63	ABG. BUDIMAN BIN ABG. ULIS	2004	5.10	12.750
64	ABG. SEMAN BIN ABG. LATAP	2003/2006/03	7.07	17.675
65	ARBI BIN OMAR	2007	2.70	6.750
66	AZEHA BIN JABELI	2004/2009	8.00	20.000
67	BAKAR BIN MAN	2007	4.70	11.750
68	BELAYAU AK RAJET	2006	8.80	22.000
69	BORHAN BIN UNAI	2005	4.00	10.000
70	DUEK AK KELIMBANG	2006	4.00	10.000
71	HASSAN BIN BARAHIM	2008	2.70	6.750
72	HJ. ASGAR BIN MOHAMAD	2007	7.09	17.725
73	HO THUNG KIE	2008	2.70	6.750
74	ISMAIL BIN BUJANG	2006	1.82	4.550
75	JUNAIDI BIN AJIS	2004	3.60	9.000
76	KHALID BIN MOHD RAMBLI	2000	2.40	6.000
77	KUSAIRI BIN TAR	2007	12.38	30.950
78	LEE KIAT SHIN	2009	7.30	18.250
79	LIHI BIN ARIS	2008	3.50	8.750
80	MAHRUP BIN SERON	2005	3.45	8.625
81	MICHAEL JUAN AK LATIH	2006	2.20	5.500
82	MOHD AMIN BIN JAPAR	1998	10.86	27.150
83	MORNI BIN DRIS	2008/2011	2.88	7.200
84	MUHD MUSA BIN ABDUL GHANI	2007	3.00	7.500
85	NYUIN AK ANGAT	2004	28.00	70.000
86	RAHMAT B MUT	2005/2004/2009/2006	27.02	67.550
87	REAYAH BINTI BRAHIM	1998	16.17	40.425
88	SULAIMAN BIN ETEN	2007	10.00	25.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
89	SULEIMAN BIN MADELI	1997	5.00	12.500
90	TUAH BIN DENAN	2005	5.00	12.500
91	ZULKHIBRI BIN JARAWI	2007	2.70	6.750
Total			615.11	1537.775

New Members:

No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
1	Ismail Bin Sani	2012	2.000	5.000
2	Abg Budiman Bin Abg Ulis	2004	5.100	12.750
3	Micheal Juan Anak Latih	2006	6.200	15.500
4	Sani Bin Othman	2009	1.330	3.325
5	Hosen Bin Dolah	2008	1.800	4.500
6	Ek Anak Ngingie	2005	8.180	20.450
7	Ong Swee King	2005	14.860	37.150
8	Duek Anak Kelimbang	2006	7.760	19.400
9	Suep Bin Buang	2010	4.000	10.000
10	Hairiri Bin Taman	2012	2.000	5.000
11	Maimunah Binti Budin	2009	4.930	12.325
12	Abdul Rahman Bin Mahrif	2012	2.000	5.000
13	Jawa Anak Liap	2012	6.350	15.875
14	Julius Duncan	2007	15.020	37.550
15	Tahir Bin Tudin	2009	3.590	8.975
16	Lihi Bin Aris	2008	3.500	8.750
17	Majid bin Saginah	2008	36.040	90.100
18	Ismail Bin Abdullah @ Nyala Anak Bundan	2008	9.600	24.000
19	Jos @ George Anak Manggi	2012	38.590	96.475
20	MORNI BIN ALI	2005	2.940	7.350
21	ANYAI ANAK AWANG	2008	15.200	38.000
22	CHUA SENG HO	2008	5.710	14.275

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
23	ABDULLAH BIN BUJANG	1999	5.060	12.650
24	SAINI BIN MAHALI	2005	8.110	20.275
25	MAIL @ JANING ANAK PADANG	2007	1.350	3.375
26	KIPLI BIN NUSI	2014	2.000	5.000
27	MOHAMAD LOH BIN ABDULLAH	2012/2013	20.000	50.000
28	ZAINAL ABIDIN BIN JAHANI	2013	1.600	4.000
29	LILY CHUNG	1998/2004	19.820	49.550
30	Norisa Binti Girim	2012	2.160	5.400
31	Tiong Bin Wok	2013	2.030	5.075
32	Imie Bin Sepaki	2011	2.000	5.000
33	Norita Binti Abdullah	2012	4.000	10.000
34	Kaili Bin Ihi	2012	2.710	6.775
35	Hamka Bin Jelani	2012	2.000	5.000
36	Zekeria Bin Remat	2013	2.700	6.750
37	Mohamad Salleh Bin Sabeli	2012	4.000	10.000
38	Jemat Bin Bakar	2012	2.160	5.400
39	Kiprawi Bin Jelani	2012	5.720	14.300
40	Mohamad Iskandar Bin Abdullah	2012	2.000	5.000
41	Sapali Bin Sepaki	2012	7.060	17.650
42	Yaman Bin Sanyut	2012	2.000	5.000
43	Majedi Bin Sanyut	2012	2.000	5.000
44	Lamada Anak Langkup	2012	2.000	5.000
45	Limi Ak Seng	2013	2.000	5.000
46	Laja Anak Mangie	2010	2.500	6.250
47	Jemeni Anak Unja	2012	5.350	13.375
48	Jackson Jilap Anak Liap	2009	15.000	37.500
49	Cathrine Dandat Anak Lintong	2009	15.000	37.500
50	Jirum Anak Atong	2008	8.080	20.200
51	Umi Anak Unggang	2012	6.000	15.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
52	Rebai Anak Mittin	2013	2.000	5.000
53	Mittin Anak Usit	2012	4.390	10.975
54	Jain Anak Undol	2008	4.390	10.975
55	Renggi Anak Awang	2012	2.000	5.000
56	Nunong Anak Rangking	2012	14.790	36.975
57	Majang Anak Baking	2007	7.690	19.225
58	Jimbai Anak Latih	2012	10.030	25.075
59	Mengga Anak Kedit	2015	2.000	5.000
60	Tiew Kutey	2012	2.000	5.000
61	Itai Anak Dang	2012	19.200	48.000
62	Mang Anak Assan	2013	2.000	5.000
63	Tunmeh Anak Cheling	2013	2.000	5.000
64	Lenyu Anak Rajet	2015	2.000	5.000
65	Balai Anak Jiwa	2010/2015	13.500	33.750
66	Nyandang Anak Empaling	2014	3.380	8.450
67	Sumping Anak Jimbun	2015	2.000	5.000
68	Josef Jelian Anak Sumping	2015	2.000	5.000
69	John Nervins Andrews Anak Jau Laing	2014	2.000	5.000
70	Lipat Anak Rajet	2015	2.000	5.000
71	Sindu Anak Rajet	2014	2.000	5.000
72	Meramat Anak Ale	2014	2.000	5.000
73	Dangkan Anak Leng	2016	2.000	5.000
74	Sambok Anak Talap	2014	2.000	5.000
75	Caspar Renggian Anak Balai	2015	2.000	5.000
76	Pauline Anak Jarau	2013	3.540	8.850
77	Gordan A/L Elizabeth Enching	2013	5.160	12.900
78	Ungon Anak Agam	20005	6.000	15.000
79	Mathew Anak Ungon	2007	1.080	2.700
80	Walter Anak Ugam	2014	6.750	16.875
81	Jail Anak Apuk	2012	4.690	11.725

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
82	Ajup Anak Sabang	2011	2.020	5.050
83	Supian Bin Seruji	2011	2.000	5.000
84	Yusuf Bin Rosli	2011	2.000	5.000
85	Muni Anak Jiwa	2012	3.370	8.425
86	Tupek Anak Untang	2010	8.880	22.200
87	Napie Anak Amis	2006	16.690	41.725
88	Kiai Anak Anjah	2012	8.090	20.225
89	Satu Anak Jabau	2010	7.430	18.575
90	Juak Anak Jiwa	2011	2.500	6.250
91	Umbat Anak Jiwa	2011	3.380	8.450
92	Norhaida Binti Bakri	2003/2011/2010/2016	10.410	26.025
93	Rasit Anak Bunya	2012	2.700	6.750
94	Belala Anak Badindang	2006	11.580	28.950
95	Alice Anak Singga	2004	3.210	8.025
96	Wong Anak Minggu	2005	1.700	4.250
97	Kalong Anak Jimbat	2008	2.000	5.000
98	John Anak Jemat	2006	3.370	8.425
99	Kepol Bin Abang	1990/2014	8.000	20.000
100	Matni Bin Kaili	2012	2.000	5.000
101	Amir Bin Narawi	2012	2.000	5.000
102	Teridi Bin Jaini	2012	2.130	5.325
103	Mohamad Bin Mohamad Rambli	2012	5.820	14.550
104	Muloi Anak Nging @ Ngingie	2011	6.680	16.700
105	Richard Anak Basat	2008	4.690	11.725
106	Remang Anak Damu	2008	3.010	7.525
107	Rosthina Anak Renggie	2012	2.020	5.050
108	Sindai @ Sendai Anak Belukum	2010	4.050	10.125
109	Lenjai Anak Ukol	2011	2.410	6.025
110	Abdul Rahman Bin Mahrif	2012	2.000	5.000
111	Jackson Tarang Ak Peter Narok	2010	6.440	16.100

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
112	John Leonard Ak Edward Seli	2016	5.390	13.475
113	Reynald Dunya Ak Unggam	2015	6.750	16.875
114	Gia Ak Ringgit	2014	2.000	5.000
115	Kasmah Binti Umar Ali	2014	4.000	10.000
116	Sulaiman Bin Elok	2012	2.000	5.000
117	Salmah Binti Seruji	2014	2.000	5.000
118	Idawati Binti Jaini	2012	2.000	5.000
119	Obah Binti Keechek	2011	1.000	2.500
120	Pujiah Binti Beduwi	2014	2.000	5.000
121	Bahori Bin Semaun	2012	2.160	5.400
122	Rabaie Bin Amit	2016	2.000	5.000
123	Ibrahim Bin Wok	2012	2.000	5.000
124	Abdul Rashid Bin Sidi	2009	4.000	10.000
125	Mohammad Helmi Bin Seri	2014	9.580	23.950
126	Sahapudin Bin Pawi	2010/2012	7.190	17.975
127	Ismail Bin Seruji	2013	2.000	5.000
128	Wen Bin Aris	2010/2012	7.500	18.750
129	Sulie Ak Jantai	2012	1.560	3.900
130	Mungai Ak Banyai	2012	2.000	5.000
131	Samson Taka Ak Jeming	2015	2.000	5.000
132	Gelima Ak Megat	2004	1.000	2.500
133	Brayon Ak Ingas	2009	2.770	6.925
134	Bujang Ak Empading	2007	5.320	13.300
135	Noor Azizah Bt Buserah	2010	3.080	7.700
136	Hamdi Bin Mahli	2003	2.000	5.000
137	Nabi Ak Una	2003	6.410	16.025
138	Mohamad Adnan Bin Bohan	2013	3.880	9.700
139	Morni Bin Tahir	2020	5.260	13.150
140	Masiah Bt Judin	2013	3.880	9.700
141	Jebeni Bin Takip	2006	1.220	3.050

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
142	Adrus Bin Enggai	2012	2.000	5.000
143	Buserah Bin Mensen	2011	8.080	20.200
144	Jonny Swil	2014	2.000	5.000
145	Doris Ak Sati	2012	2.000	5.000
146	Siang Ak Kumba	2014	2.030	5.075
147	Lintu Ak Rirang	2014	1.010	2.525
148	Bunyau Ak Bengin	2013	2.020	5.050
149	Ronnie Hilda Abbess Ak Edward Seli	2015	2.020	5.050
150	Ismail Bin Johari	2014	2.000	5.000
151	Raya Ak Salinggay	2012	2.360	5.900
152	Jacky Ak Jenau	2010	1.700	4.250
153	Lemoy Ak Unggang	2010	0.670	1.675
154	Lidum Ak Jura	2012	5.740	14.350
155	Christina Munap Ak Ayu	2010	5.000	12.500
156	Mu Sze Moi	2004	10.260	25.650
157	Selijek Ak Bugey	2008	6.080	15.200
158	Edward Ayum Ak Abol	2012	1.690	4.225
159	Ugak Ak Sari	2010	3.100	7.750
160	Jana Ak Sari	2010	2.000	5.000
161	Ani Ak Empading	2013	2.700	6.750
162	Maydelin Ak Ayu	2008	1.350	3.375
163	Demit Ak Gumat	2008	3.040	7.600
164	Helen Ak Ayu	2002	9.560	23.900
165	Stephen Ak Serta	2016	19.390	48.475
166	Redges Ak Serta	2005	2.000	5.000
167	Lily Malaya Ak Sagoh	2010	1.690	4.225
168	Pala Ak Gumat	2005	2.700	6.750
169	Hamsawi Bin Hamid	2010	2.000	5.000
170	Bonigers Ak Barnabas Sabai	2016	2.000	5.000
171	Unchu Ak Bungey	2011/2017	3.350	8.375

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
172	Engkamat Ak Keri	2013	4.670	11.675
173	Luna Ak Patan	2006	3.080	7.700
174	Runin Ak Dunya	2015/2011	4.360	10.900
175	Roselyn Ak Samson Taka	2015	2.000	5.000
176	Mancha Ak Belukun	2015	2.000	5.000
177	Terrence Ak Wilson	2012	4.700	11.750
178	Unau Ak Gumat	2013	2.410	6.025
179	Gramong Ak Bandak	2009	1.620	4.050
180	Ling Kai Soon	2015	30.920	77.300
181	Wong Wen Houng	2015	31.560	78.900
182	Philomena Anak Tarat	2016	5.000	12.500
183	Sulaiman Bin Nawi	2000	2.570	6.425
184	Suzylyn Anak Entering	2014	0.870	2.175
185	Thomas Anak Jonathan Bensen	2014	5.000	12.500
186	Sima Anak Megat	2009	3.510	8.775
187	Belayau Anak Rajet	2005	8.800	22.000
188	Duek Anak Kelimbang	2006	7.760	19.400
189	Jahari @ Jahani Bin Salleh	2009/2011	3.290	8.225
190	Jerani @ Jelani Bin Bujang	2014	4.180	10.450
191	Morni Bin Dris	2008/2011	2.430	6.075
192	Laoh Anak Sitam	2010	4.030	10.075
193	Kipli Bin Tapa	2014	2.030	5.075
194	Daniel Anak Baki	2017	4.000	10.000
195	Gadoh Anak Lawang	2007	6.740	16.850
196	Saut Anak Kilat	2012	2.000	5.000
197	Rumi Anak Kilat	2012	2.000	5.000
198	Dayak Anak Kilat	2012	2.000	5.000
199	Para Ak Bagai	2009	3.040	7.600
200	kandau Ak Dumu	2010	2.000	5.000
201	Mahri Bin Lot	2014	1.870	4.675

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
202	Senini Anak Lijam	2016	2.000	5.000
203	Aini bin Sebli	1990	25.510	63.775
204	Gani bin sli	2008	2.270	5.675
205	Sauti Bin Seman	2012	1.800	4.500
206	Sulaiman bin Udin	2014	1.000	2.500
207	Munji Bin Golong	2014	2.000	5.000
208	Bairol bin Morni	2014	2.000	5.000
209	Daraie Bin Aikan	2015	8.100	20.250
210	Matarial Bin Sujang	2017	2.000	5.000
211	Nawi Bin Mansor	2012	2.010	5.025
212	Madat Anak Ason	2014	3.000	7.500
213	Jedin Bin Morshidi	2010	2.870	7.175
214	PUTIT Anak Kassim	2014	3.450	8.625
215	Mohammad Bin Udin	2015	2.000	5.000
216	Kapeli Bin Emin	2014	2.000	5.000
217	Steward Anak Madat	2014	2.000	5.000
218	Simon Anak Uding	2013	2.500	6.250
219	Mawat Anak Aman	2014	2.000	5.000
220	Unjah Anak Jerah	2012	2.700	6.750
221	Yanti binti pensen	2014	2.000	5.000
222	Karim bin bujang	2014	3.620	9.050
223	Ramblee Bin Ganti	2009	2.270	5.675
224	Ismail Bin Kasim	2015	2.360	5.900
225	Olter ak ujeng	2011/2015/2016	5.000	12.500
226	Roslan bin lebar	2016	5.060	12.650
227	Brahim bin Jeti	2013	2.000	5.000
228	Othman bin Abdullah	2014	4.050	10.125
229	Sidik Bin sujang	2014	3.350	8.375
230	Bohan Bin Ramli	2014	1.010	2.525

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
231	Meri Bin Draman	2014	2.000	5.000
232	Ahmad Bin Marudin	2015	2.000	5.000
233	Daud Bin Leman	2014	2.000	5.000
234	Fauzi B.Abdillah	2015	2.000	5.000
235	Morni bin Derahman	2014	5.070	12.675
236	Mohamad Bin nor	2009	2.000	5.000
237	Chua Sui Huat @ Chua kok Kiong	1998	4.460	11.150
238	kiu sing kee	2007	9.110	22.775
239	lee Khang kok	2007	5.880	14.700
240	Chiu Kwong kee	2007	10.000	25.000
241	Buang Bin Yaman	2014	4.860	12.150
242	Rosalind Lema Anak Tadong	2005/2009/2012	8.780	21.950
243	Ribun @ Tugang Anak Jampang	2014	4.720	11.800
244	Ija Binti Sli	2016	2.000	5.000
245	Uli Bin Udin	2009	2.000	5.000
246	Helen anak nichol Chella	2014	33.780	84.450
247	Tadong Ak ujang	2008	1.590	3.975
248	Robert Anak Baking	2010	4.050	10.125
249	Lily Anak Nicol Chella	2012	31.200	78.000
250	juan Anak Gawong	2010	0.670	1.675
251	Lingih Anak Enjah	2015/2017	3.370	8.425
252	Dandi Anak Lawai	2016	2.000	5.000
253	Caroline Jelumi anak empaga	2016	2.000	5.000
254	Enta Anak Landa	2005	2.430	6.075
255	Ganti Anak Anjan	2017	1.010	2.525
256	Juan anak kudang	2013/2014	4.500	11.250
257	Alif Bin Sepawi	2013	1.010	2.525
258	Mohammad Merdeka @ Muhammad bin sanyut	2012/2015	3.000	7.500
259	Anuar Bin Saini	2008	2.360	5.900
260	Daryl Mitcheel Anak Senin	2017	2.000	5.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
261	Zanudin Bin Man	2012	3.280	8.200
262	Ahmad bin Jali	2013	3.010	7.525
263	Madzar Baidi	2000	7.350	18.375
264	Billy Anak Meresat	2016	2.030	5.075
265	Jawai Ak Unggang	2016	1.080	2.700
266	Hamry bin Elon	2013/2017	1.010	2.525
267	Rendi Anak Nglai	2014	2.000	5.000
268	Mokhtar Bin Mohamad Tahir	2014	1.000	2.500
269	Mat @ Mat jenin bin Lubor	2014	2.500	6.250
270	Seron Bin Darauf	2014/2016/2017	5.400	13.500
271	Larry Donny Dom Anak Ferdrick Jatan	2012	6.000	15.000
272	shukeran bin saili	2011	2.000	5.000
273	Jaya Anak Tini	2015	4.180	10.450
274	Morni bin Mot	2013	2.000	5.000
275	Prescilla Ana Anak Ambau	2017	0.810	2.025
276	Ismail Bin Mohamad nor	2012	4.120	10.300
277	Jamalie bin Piee	2015	5.410	13.525
278	Saupi Bin Jabeli	1999	26.140	65.350
279	Tuah Bin Samaon	2006	2.560	6.400
280	Hussain Bin Adeng	2014	2.500	6.250
281	Shutigno Bin Boom	2013	5.390	13.475
282	Udin Bin Li	2014	8.000	20.000
283	Ambau Anak Kilat	2018	1.220	3.050
284	Edward Gella Baul @ Gella Anak Baul	2011	18.650	46.625
285	John Dom Baul	2011	14.980	37.450
286	Abang Sulong bin Abang seman	2012	2.160	5.400
287	Mohd Suboh Bin Jabeli	2010/2014	14.160	35.400
288	Abdullah Bin Salim	2010	2.500	6.250
289	Juliha Binti mahmudin	2013	2.000	5.000
290	Sapawi bin Loko	2013	1.600	4.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
291	Mastekah binti bakar	2006	2.500	6.250
292	Joseph Jampi anak gadoh	2012	2.020	5.050
293	Busman bin Madeli	2010/2011/2013/2014/2016	17.310	43.275
294	Kapi Bin Parali	2013	2.000	5.000
295	Alexius Punggai anak Jeffrey Nyanau	2010	4.000	10.000
296	Felix Empari Anak Kumu	2010	0.330	0.825
297	Rosli Bin Ramlee	2008	5.020	12.550
298	Lambai Anak Entalai	2009	0.740	1.850
299	Massarie Binti Drahman	2015	2.030	5.075
300	Julai Ak Unggang	2010	2.700	6.750
301	Unggang ak Daud	2014	3.350	8.375
302	Mostapha Bin jarawi	2008/2016	9.060	22.650
303	Awang Yaman Awang Zaini	2015	1.680	4.200
304	Lau Teck leong	2018	2.500	6.250
305	endik Anak Kedit	2013	2.000	5.000
306	Adenan Bin Madeli	2014	4.370	10.925
307	Talab Anak raweng	2014	2.020	5.050
308	philip anak Langgoi	2015	3.910	9.775
309	Anggau Anak Ngingie	2011	8.770	21.925
310	Gedie Anak Japar	2015	2.000	5.000
311	Manggai Anak Mansor	2015	2.000	5.000
312	Norizan Binti chincha	2013	2.000	5.000
313	Merali Bin Terang	2014	3.000	7.500
314	Ek Anak Ngingie	2005	8.180	20.450
315	Ensriban Anak Laga	2013	4.020	10.050
316	Kamal Bin Ihi	2012	2.000	5.000
317	Mark Anak Ahju	2014	33.370	83.425
318	Lujum Anak Ngadan	2012	18.000	45.000
319	Embo binti Bohan	2014	3.450	8.625
320	Jus Anak Jawan	2016	2.360	5.900

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
321	Joseph Saok Anak Majang	2013	2.000	5.000
322	Dara Anak Bunya	2003	6.190	15.475
323	Asuda anak Gara	2015	2.000	5.000
324	Malaya anak Manja	2017	2.000	5.000
325	Haszanariah binti Hassan	2013	10.260	25.650
326	Susri Bin Mahdi	2013	15.370	38.425
327	Fatihah binti Bus	2011	0.810	2.025
328	Silang Anak Bagong	2016	1.690	4.225
329	Pantan Anak Long	2016	1.690	4.225
330	Mury Anak Chang	2016	2.000	5.000
331	Galing Anak Ason	2014	4.000	10.000
332	Jawong Anak Chang	2017	1.080	2.700
333	Willy Ak Awet	2005/2015	6.900	17.250
334	Ong Swee Hui	2010	3.700	9.250
335	Layang Anak Awet	2012	2.020	5.050
336	Adanan Bin Abang Damit	2015	2.000	5.000
337	Kamarulzaman Bin Mahmudin	2012	2.000	5.000
338	Beti Anak Jaor	2010	0.680	1.700
339	Umpie Anak Dom	2012	1.010	2.525
340	Narawie bin bujang	2008	2.000	5.000
341	Edward Banggai Anak Sulang	2014	4.590	11.475
342	Edwin Anak Wilson	2016	2.000	5.000
343	Anita Anak Agam	2018	2.160	5.400
344	Pauline Anak wilson	2018	2.360	5.900
345	Regin Anak wilson	2018	9.220	23.050
346	Guang Anak Deggat	2014	2.020	5.050
347	Empie Anak Gadut	2012	0.670	1.675
348	Garamung Anak Liyew	2013	1.010	2.525
349	Setimba Anak Awang	2013	2.160	5.400
350	Juan Anak Usit	2012	2.670	6.675

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
351	Bandan Anak Jilom	2015	2.000	5.000
352	Kiu loong kee	2007	1.680	4.200
353	kiu tai kee	2015	1.350	3.375
354	Lucy Lue	2010	14.700	36.750
355	Bunau @ Lingkong Anak Uging	2014	2.800	7.000
356	Bujang Bin Musa	2015	2.800	7.000
357	Mohamad asfia bin Adenan	2010/2015/2018	28.220	70.550
358	Mohammad bin Nor	2009	2.000	5.000
359	Gaston Qion Emmannuel Ak George	2010	5.310	13.275
360	Gloria Kinot Anak Abot	2010	16.930	42.325
361	Rafeni Bin Kamar	2002	14.230	35.575
362	Soon enterprise Sdn bhd	2015	30.920	77.300
363	Salleh Bin Epok	2014	2.000	5.000
364	Sepali Bin Udin	2005	4.700	11.750
365	Arip Bin Bujang	2009	2.000	5.000
366	Mohd Sapawie bin abg Juhai	2012	5.060	12.650
367	Pok Anak Sigat	2015	6.720	16.800
368	Entengan Anak Pangkal	2011	3.000	7.500
369	Ijah Anak kedit	2017	1.000	2.500
370	Arip Anak Taman	2012	2.500	6.250
371	Sangkan Anak Blanda	2015	4.500	11.250
372	Mostapha bin Eli	2012	2.000	5.000
373	Hamzah Bin Eli	2013	1.700	4.250
374	Johari Bin Naie	2006/2013	6.350	15.875
375	Wong Lee Thian	2014	14.180	35.450
376	Lau Ngie Kai	2016	20.270	50.675
377	Majid bin saginah	2008	36.040	90.100
378	Ling yien mee	2014	21.000	52.500
379	Anyam Anak Gon	2012	2.020	5.050
380	Bakar Anak Sebau	2012	3.930	9.825

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
381	Behong bin Saginah	2012	1.250	3.125
382	Abdul Kadar Bin Kasat	2013	2.500	6.250
383	Rawing Anak Impin	2008	7.560	18.900
384	Ganda Anak Ajang	2017	2.160	5.400
385	Chuat Anak Bugey	2009	3.500	8.750
386	Gallang Anak Bang	2005	1.390	3.475
387	Wawee bin Daud	2016	2.000	5.000
388	Roslin Binti Wawee	2008	7.430	18.575
389	Sulaiman Bin Rajie	2013	2.000	5.000
390	Musa Bin Seli	2013	2.000	5.000
391	Amifahrul Bin wawee	2013	2.000	5.000
392	Mohammad Nordin bin wawee	2013	2.000	5.000
393	Buang bin wawee	2013	2.000	5.000
394	Garit Anak Kedit	2015	2.000	5.000
395	Phiong Ah chin	2007	11.700	29.250
396	Ajis bin Bujang	2010	4.650	11.625
397	Chundau Anak Enting	2010	7.670	19.175
398	kiplie bin Yusuf	2015	2.000	5.000
399	Raili bin sohor	2007	4.820	12.050
400	Aziz bin Aman	2013	6.000	15.000
401	Aman bin Ali	2010	2.790	6.975
402	Osman bin Jaini	2015	7.690	19.225
403	Sabeli bin paiee	2012	6.000	15.000
404	Udim bin Hassim	2013	2.000	5.000
405	Kasat Bin Spawi	2010	4.700	11.750
406	Bolhan Bin Jali	2010	2.500	6.250
407	Timah Binti Pawi	2010	2.700	6.750
408	julaihi bin Pawi	2010/2011	4.000	10.000
409	Telly Anak Kilat	2014	2.000	5.000
410	Catherine Sambai Anak Lujum	2012	2.000	5.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
411	Agnes Sudan Ak Douglas Aping	2004	2.700	6.750
412	Roselind Berayan	2004	1.350	3.375
413	Bandang anak numpang	2003	6.750	16.875
414	Abak Anak numpang	2003	4.050	10.125
415	Anggat Ak Chunggat	2003	1.680	4.200
416	Ringkai Anak Serenah	2004	2.700	6.750
417	Roslan bin Mahdi	2013	2.000	5.000
418	Suraya Binti Sebeli	2012	2.000	5.000
419	Mohammad Ean Syurajahiddin bin Jampian	2012	2.000	5.000
420	Mohamad bin udin	2015	2.000	5.000
421	Jampi anak Talap	2011	1.010	2.525
422	Manja Anak Mansor	2014	6.750	16.875
423	Chua eng hock	2008/2018	3.380	8.450
424	Mariana Ak ikom	2017	1.230	3.075
425	Tira Anak Berundang	2017	3.380	8.450
426	John anak manja	2015	2.000	5.000
427	Lanchang anak lewi	2011	2.000	5.000
428	Enduyan anak Mansor	2014	2.000	5.000
429	Nurin anak Enting	2014	2.000	5.000
430	Senin anak Mansor	2011/2014	4.000	10.000
431	Meresat Anak Mansor	2012/2014	4.000	10.000
432	Malek Bin Pawi	2010/2011	2.000	5.000
433	Pillie Anak Banseng	2014	2.000	5.000
434	kancha anak anyau	2014	4.000	10.000
435	Johny swil	2014	2.000	5.000
436	Mataim bin ilin	2012	3.010	7.525
437	ong swee king	2006	14.860	37.150
438	Filex Empari Anak Kumu	2010	0.330	0.825
439	Aju anak mawat @ ahju mawat	2012	35.420	88.550
440	Antau anak manja	2014	2.000	5.000

No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
441	Ahmad Putera @ Sagap bin Bujang	2012	2.500	6.250
442	Mohammad Fitry Abdullah	2012	7.150	17.875
443	Jali Anak Tindit	2012/2014	6.200	15.500
444	Nantai Anak Jantum	2013	7.160	17.900
445	Graman anak Busum	2006	9.790	24.475
446	Bujang Bin Samah	2011	3.250	8.125
447	Liap Anak Assan	2011	8.730	21.825
448	Kadir @ Bahudin bin Mat	2014	5.030	12.575
449	Brawoh Anak Jantum	2009	6.810	17.025
450	Lidam Anak Banyoi	2017/2011	2.700	6.750
451	Nori Anak Juntan	2011	3.370	8.425
452	Glen Anak Ayum	2010	2.220	5.550
453	Hossin Bin sulieman	2009	3.640	9.100
454	Roselind Bundai Anak Liap	2013	3.380	8.450
455	Ricky Anak liap	2013	3.380	8.450
456	Abdul Rahim Bin Bastani	2014	2.000	5.000
457	Latip Bin Seri	2015	4.680	11.700
458	Sami Anak Tama	2008	2.290	5.725
459	Harry Dalang Anak Tengkuang	2006/2010/2012	5.000	12.500
460	Brandah anak Mansor	2009	5.400	13.500
461	Rabing Anka Lanchang	2017	1.080	2.700
462	Bujang Bin Jali	2005/2014	5.500	13.750
463	Minah Anak Jali	2014	5.320	13.300
464	Bujang Anak Sarau	2012/2014/2010	4.720	11.800
465	Affandy Alit @ Ossman Alit	2015	2.360	5.900
466	Luis Anak Brain	2010	2.500	6.250
467	Abdul Rahman bin Samsu	2016	2.000	5.000
468	Nangkai Anak Janggat	2013	6.750	16.875
469	Maseni Binti ini	2013	2.000	5.000
470	Aishah binti Hazemi	2016	2.000	5.000

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No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
471	Yusmandi Sonny bin Hazemi	2016	2.000	5.000
472	Lawi Anak Jali	2017	0.810	2.025
473	Entira Anak Buli	2014	2.000	5.000
474	Baat Anak Leman	2013	2.000	5.000
475	Farizan bin Salleh	2010	2.700	6.750
476	Brayan Anak Ayong	2013	2.500	6.250
477	Nordin Bin Sabeli	2015	2.000	5.000
478	Sabeli bin paiee	2012	6.000	15.000
479	Udim bin Hassim	2013	2.000	5.000
480	Kasat Bin Spawi	2010	4.700	11.750
481	Bolhan Bin Jali	2010	2.500	6.250
482	Timah Binti Pawi	2010	2.700	6.750
483	julaihi bin Pawi	2010/2011	4.000	10.000
484	Telly Anak Kilat	2014	2.000	5.000
485	Catherine Sambai Anak Lujum	2012	2.000	5.000
486	Agnes Sudan Ak Douglas Aping	2004	2.700	6.750
487	Roselind Berayan	2004	1.350	3.375
488	Bandang anak numpang	2003	6.750	16.875
489	Abak Anak numpang	2003	4.050	10.125
490	Anggat Ak Chunggat	2003	1.680	4.200
491	Ringkai Anak Serenah	2004	2.700	6.750
492	Roslan bin Mahdi	2013	2.000	5.000
Total			2,371.550	5,928.875

Appendix F: Location and Field Map



Appendix G: List of Abbreviations

BOD	Biochemical Oxygen Demand
CB	Certification Bodies
CHRA	Chemical Health Risk Assessment
COD	Chemical Oxygen Demand
CPO	Crude Palm Oil
EFB	Empty Fruit Bunch
EHS	Environmental, Health and Safety
EIA	Environmental Impact Assessment
EMS	Environmental Management System
FFB	Fresh Fruit Bunch
FPIC	Free, Prior, Informed and Consent
GAP	Good Agricultural Practice
GHG	Greenhouse Gas
GMP	Good Manufacturing Practice
GPS	Global Positioning System
HCV	High Conservation Value
IPM	Integrated Pest Management
ISCC	International Sustainable Carbon Certification
LD50	Lethal Dose for 50 sample
MSPO	Malaysian Sustainable Palm Oil
MSDS	Material Safety Data Sheet
MT	Metric Tonnes
OER	Oil Extraction Rate
OSH	Occupational Safety and Health
PK	Palm Kernel
PKO	Palm Kernel Oil
POM	Palm Oil Mill
POME	Palm Oil Mill Effluent
PPE	Personal Protective Equipment
RTE	Rare, Threatened or Endangered species
SEIA	Social & Environmental Impact Assessment
SIA	Social Impact Assessment
SOP	Standard Operating Procedure