



**“AMALAN KILANG MENYUMBANG PENINGKATAN (O.E.R)”  
PENGALAMAN KILANG  
(BEKALAN B.T.S DARI LADANG SENDIRI 100%)**

**22 NOVEMBER 2016  
DEWAN BACTRIS  
IBU PEJABAT MPOB**

**EN. AZRIN MAZHIDI BIN ABDUL MANAB  
Mill Manager/Engineer  
Sg Jernih Palm Oil Mill**





# CONTENTS

- 1) **INTRODUCTION**
- 2) **ACCREDITATION**
- 3) **S.J.B.U HISTORY & PERFORMANCE**
- 4) **SUNGAI JERNIH BUSINESS UNIT(SJBU) PRACTICES**
- 5) **GOOD MILLING PRACTICES (GMP)**
- 6) **GOOD AGRICULTURE PRACTICES**
- 7) **T.A.S.K**
- 8) **HUMAN RESOURCES DEVELOPMENT**
- 9) **ACHIEVEMENT**



# INTRODUCTION



**BOUSTEAD RIMBA NILAI**

**SDN BHD**

**Kilang Kelapa Sawit**

**Sg Jernih**



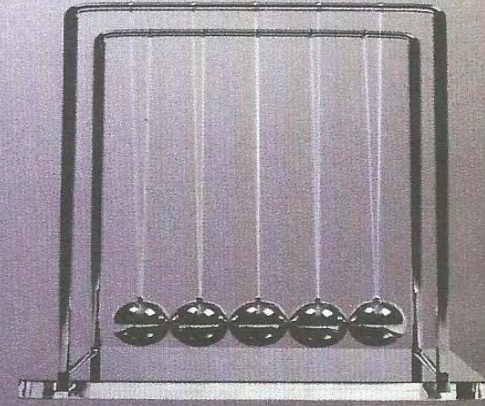


INTRODUCTION



**BOUSTEAD PLANTATIONS  
BERHAD**

*(A member of L.T.A.T Group)*



OUR  
CORE  
VALUES

**RESPECT**  
**INTEGRITY**  
**TEAMWORK**  
**EXCELLENCE**



**Boustead Holdings Berhad**  
*(A member of LTAT Group)*



# INTRODUCTION

## Preface by Group Managing Director



### Custodian For A More Sustainable Tomorrow

Custodian – a word that succinctly describes our role and attitude towards the environment, particularly since the Boustead Group has a highly participative role in the plantation sector in our nation. More so, as one of the leading Government Linked Companies in the country, we have to be cognisant of the fact that we owe our success to prudent management of our natural resources.

Oil palm cultivation was introduced in Malaya in the 1910s and since then, our country has taken this sector to greater heights by becoming the largest exporter of palm oil globally today.

Given the significance of oil palm cultivation in Malaysia, the industry has since the 1970s, adopted elements of environmental protection in its agricultural practice. However, by the late 1980s, there has been a worldwide shift towards sustainable agriculture.

Sustainable agriculture is not only about protecting the environment nor is it only about ensuring that profit objectives are met. Sustainable agriculture is a holistic approach to agriculture where all aspects of environmental health, economic profitability and social responsibility are taken into consideration.

Hence, the triple P's of People, Profits and Planet, where human resources and natural resources share equal importance with profitability, have become the cornerstone of modern agriculture today.

On the  
susta  
mana  
planta  
years

Since  
Planta  
best p  
We ha  
Practi  
on rep  
conse  
fertiliz

Moreo  
(GMPs  
mills p

... products and services that are of the highest quality while adhering to the principles of sustainability. These guidelines for all our mills include efficient and effective management of water, effluents and mill by-products; quality assurance; and occupational health and safety.

While both the Group's GAPs and GMPs provide a foundation towards achieving the goals of sustainable agriculture, we

clearly understand that existing methods and practices need to be constantly updated and enhanced further.

Towards this end, Boustead Plantations is a keen advocate on the use of technology to improve our processes and operations in all aspects related to sustainable agriculture. Significant investments in R&D have been made over the years, which have resulted in notable breakthroughs.

A case in point is the development of our AA+ Mulch™ system, which is a specially designed modified polythene sheet used to reduce the use of herbicides and improve fertilizer efficiency. We have also embraced state-of-the-art technologies by using Geographic Information Systems and Global Positioning Systems in our planning and management. The Boustead-AAR GIS Map Management System (BAARMIS) is a decision support system tool that will further enhance the Yield Improvement Program (YIP) in our estates.

In addition and in line with our aim to add value to our nation's agriculture sector, the Group has chalked up another milestone by venturing into biofuel and biodiesel with the setting up of a JV company, Boustead CTI Biofuel Sdn. Bhd in 2006.

We strongly believe that biofuel is the way forward and this augurs well with the government's effort to use biodiesel as an alternative fuel for the transport industry by making it mandatory in 2007.

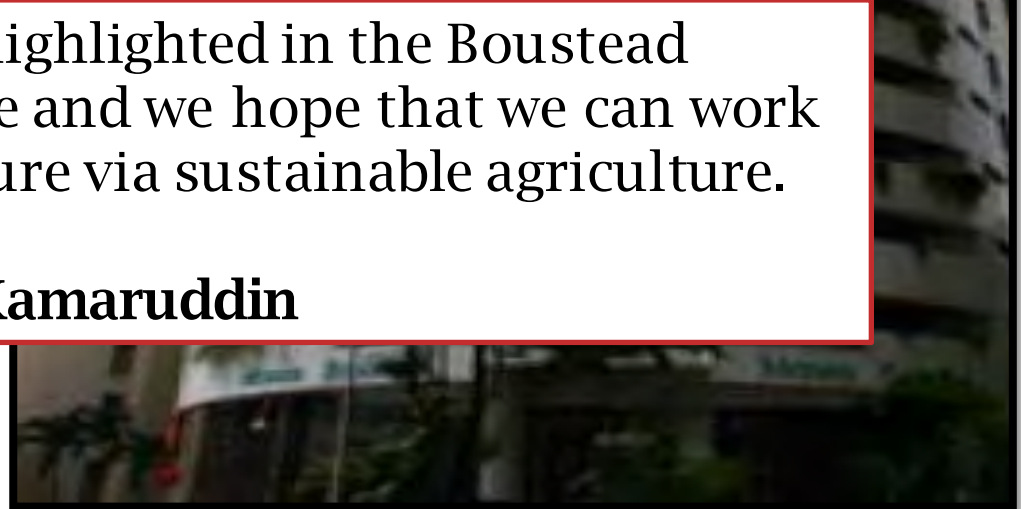
We trust that you will find the detail highlighted in the Boustead Plantation GAPs and GMPs informative and we hope that we can work together to enhance our country's future via sustainable agriculture.

**YBhg. Tan Sri Dato' Seri Lodin Wok Kamaruddin**

Boustead Plantations GAPs and GMPs informative and we hope that we can work together to enhance our country's future via sustainable agriculture.

Terima kasih,

YBhg. Tan Sri Dato' Seri Lodin Wok Kamaruddin





# Our Mission

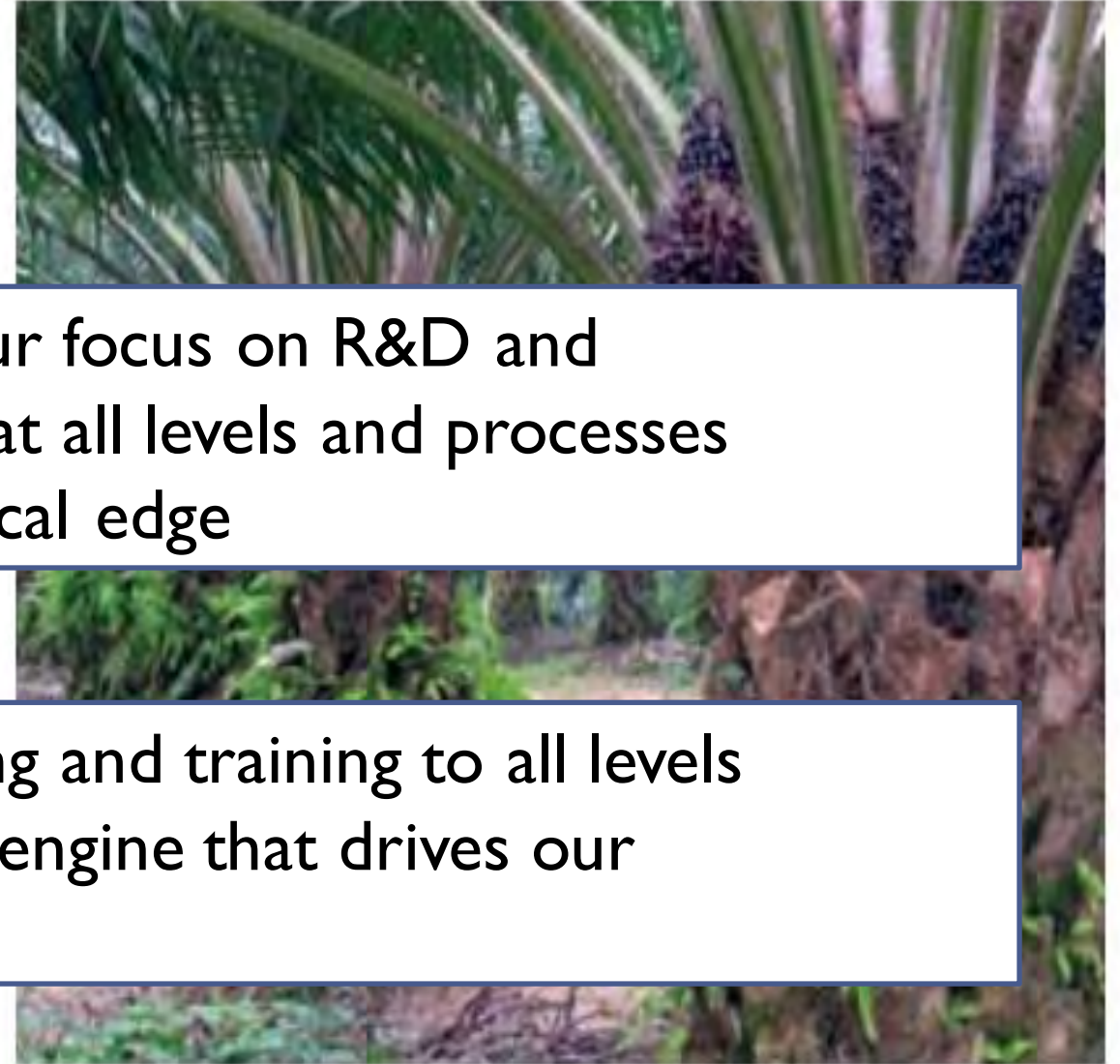
- To remain committed in our focus on R&D and implement breakthroughs at all levels and processes

- **To remain committed in our focus on R&D and implement breakthroughs at all levels and processes to maintain our technological edge**

- To enhance our efficiency and productivity via effective cost management and excellent managerial and

- **To provide optimal coaching and training to all levels of employees, the primary engine that drives our business**

- To explore new business opportunities that will yield the highest return.



*Matured bearing oil palms*



INTRODUCTION



**BOUSTEAD RIMBA NILAI SDN.BHD  
KILANG KELAPA SAWIT SG JERNIH,  
WAKIL POS PALOH HINAI,  
26650 PEKAN ,  
PAHANG DARULMAKMUR**





INTRODUCTION

# MILL LOCATION

- KM 71, HIGHWAY KUANTAN – SEGAMAT



**Boustead Rimba  
Nilai Sdn Bhd**



3.3376860, 103.1003830

60km

35KM



**PEKAN PAHANG  
BANDAR DIRAJA**



**TASIK CHINI**

Lebuhraya Segamat - Kuantan



# KILANG KELAPA SAWIT SG JERNIH

## INTRODUCTION

- OPERATED SINCE - 1992
- MILL CAPACITY - 30 MT/HR
- ANNUAL FFB THROUGHPUT - 144,000 MT/YEAR
- CPO OUTPUT - 31,000 MT/YEAR
- PK OUTPUT - 4,500 MT/YEAR



# BOUSTEAD ESTATES AGENCIES ORGANIZATION

**GROUP MANAGING DIRECTOR**



**MANAGING DIRECTOR**



**ESTATES DEPARTMENT**

**MARKETING DEPARTMENT**

**ENGINEERING DEPARTMENT**



**GROUP ENGINEER**



**DEPUTY GROUP ENGINEER**



**MILL MANAGER**

INTRODUCTION



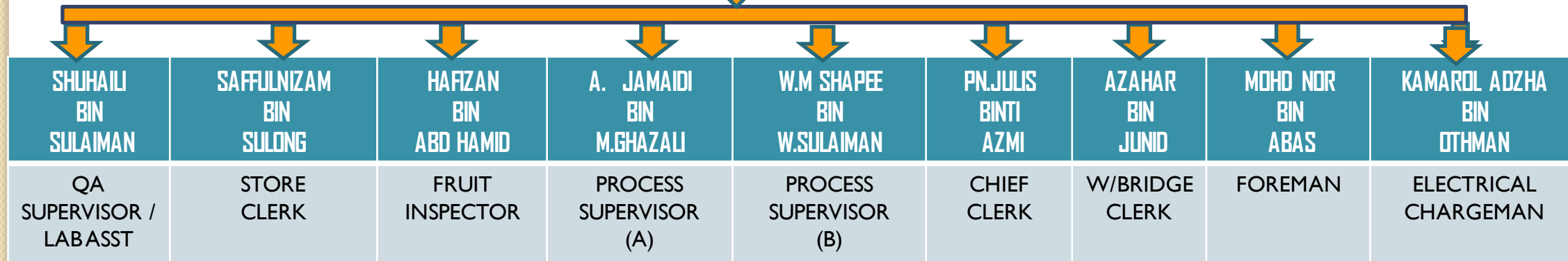
# MILL ORGANIZATION

**EN AZRIN MAZHIDI B .ABD MANAB**

(MILL MANAGER/ENGINEER)

**EN NOR IQBAL SHAFFIQ B AZMAN**

(ASST MILL MANAGER)





## HUMAN RESOURCE STATISTIC (MILL)

Category	No	%
Manager	1	1.2
Assistant Manager	1	1.2
Clerical Staff	11	13.4
Non-Clerical Staff	8	9.7
General Workers	61	74.5
Total	82	100

NATIONALITY	NO	%
MALAYSIANS	82	100
FOREIGNERS	0	0
TOTAL	82	100



# ACCREDITATION



ACCREDITATION

# Boustead Rimba Nilai Sdn Bhd Kilang Kelapa Sawit Sungai Jernih

**CERTIFIED WITH**





ACCREDITATION

# ISO ISO 9001 - 2008

  
**SIRIM QAS INTERNATIONAL**

**CERTIFICATE**

SIRIM QAS International hereby certifies that

**BOUSTEAD RIMBA NILAI SDN. BHD.**  
KILANG KELAPA SAWIT SUNGAI JERNIH  
WAKIL POS PALOH HINAI  
26650 PEKAN  
PAHANG DARUL MAKMUR  
MALAYSIA

has implemented a Quality Management System complying with

**ISO 9001 : 2008**  
QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification

**PROCESSING OF FRESH FRUIT BUNCHES TO CRUDE PALM OIL AND PALM KERNEL.**

Issue date : 01 November 2013  
Validity period : 07 December 2013 - 06 December 2016  
Certification No. : AR 1574

  
**Khalidah Mustafa**  
Managing Director  
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.  
1, Persiaran Sinar Harapan  
Machang 07 01, Machang  
26650 Pekan  
PAHANG DARUL MAKMUR  
MALAYSIA  
Tel: 60-5-2344 4882  
Fax: 60-5-2344 4787  
http://www.sirim-qas.com.my



  
**IQNet**  
THE INTERNATIONAL CERTIFICATION NETWORK

**CERTIFICATE**

IQNet and SIRIM QAS International hereby certify that

**BOUSTEAD RIMBA NILAI SDN. BHD.**  
KILANG KELAPA SAWIT SUNGAI JERNIH  
WAKIL POS PALOH HINAI  
26650 PEKAN  
PAHANG DARUL MAKMUR  
MALAYSIA

has implemented and maintains a

**QUALITY MANAGEMENT SYSTEM**

which fulfils the requirements of the following standard

**ISO 9001 : 2008**

for the following activities

**PROCESSING OF FRESH FRUIT BUNCHES TO CRUDE PALM OIL AND PALM KERNEL.**

Issued on : 01 November 2013  
Validity date : 06 December 2016  
Certification Number : MY-AR 1574

  
**Michael Drechsel**  
President of IQNet

  
**Khalidah Mustafa**  
Managing Director  
SIRIM QAS International Sdn Bhd

IQNet Partners\*:  
AENOR Spain, AFNOR Certification France, AIB-Vingotte International Belgium, ANCE Mexico, APCER Portugal, CCC Cyprus, CISQ Italy, CQC China, CQM China, CQS Czech Republic, Cvi Cert Croatia, DQS Holding GmbH Germany, DS Denmark, FCV Brazil, FONDONORMA Venezuela, ICONTEC Colombia, IMNC Mexico, INNORPI Tunisia, Inspecta Certification Finland, IRAM Argentina, IQA Japan, KFQ Korea, MSZT Hungary, Nemko AS Norway, NSAI Ireland, PCBQ Poland, Quality Austria, RR Russia, SII Israel, SIQ Slovenia, SIRIM QAS International Malaysia, SQS Switzerland, SRAC Romania, TEST St Petersburg Russia, TSE Turkey, YIQS Serbia  
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.  
\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com





ACCREDITATION

# **BENEFITS OF ISO 9001:2008 AT SUNGAI JERNIH PALM OIL MILL**

- Sungai Jernih Palm Oil Mill have obtained Quality Management System (QMS) ISO 9001:2008 on November 2008 for Processing of Fresh Fruit Bunches to Crude Palm Oil and Palm Kernel.
- To be recognized by the customers and the industry as a reliable supplier of quality palm products and services that not only meets but exceeds customer's expectations.
- To ensure production of good and consistent quality products which meet the buyers' specification via:

Crude Palm Oil	: FFA < 5%
	: Moisture and Impurities < 0.25%
Palm Kernel	: Moisture < 7%
	: Shell and Dirt < 6%
- Since we had certified QMS ISO 9001:2008, our mill has shown improvement in operational performance and increase potential revenue.



ACCREDITATION

# RSPO



# RSPO PRINCIPLES AND CRITERIA 2014 RSPO SUPPLY CHAIN CERTIFICATION STANDARD 2014



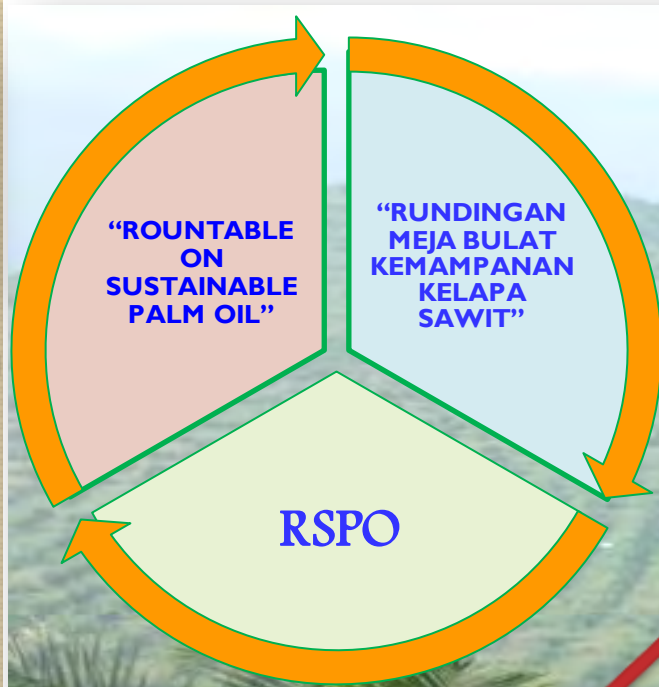
Principles and Criteria for the Production of Sustainable Palm Oil (2013)

## 8 PRINCIPLES FOR GROWERS TO BE RSPO CERTIFIED

-  **1** Commitment to transparency
-  **2** Compliance with applicable laws and regulations
-  **3** Commitment to long-term economic and financial viability
-  **4** Use of appropriate best practices by growers and millers
-  **5** Environmental responsibility and conservation of natural resources and biodiversity
-  **6** Responsible consideration of employees, and of individuals and communities affected by growers and mills
-  **7** Responsible development of new plantings
-  **8** Commitment to continuous improvement in key areas of activity



ACCREDITATION



# CERTIFIED ESTATE

## RSPO Certification (IP)



Ladang Tabung Tentera (LTT)



Ladang Sungai Jernih



Ladang Bebar



ACCREDITATION

# BENEFITS OF RSPO IN-SITU AT SUNGAI JERNIH BUSINESS UNIT

- On 12<sup>th</sup> September 2011, Sungai Jernih Business Unit obtained the Roundtable on Sustainable Palm Oil (RSPO) certification which include Sungai Jernih Palm Oil Mill, Sungai Jernih Estate, Bebar Estate and LTT-Terengganu Estate which under SJBW group certification.
- We are counted among RSPO-certified growers which indicate 18% of global palm oil production (2014).
- We had received a premium price for our Certified Sustainable Palm Oil - (**CSPO**) & Certified Sustainable Palm Kernel (**CSPK**) whereas:
  - ✓ CSPO : **USD30.00/mt** extra than ordinary CPO
  - ✓ CSPK : **USD20.00/mt** extra than ordinary PK.



# MSPO

## MSPO (MS 2530-4:2013)

ACCREDITATION

SIRIM QAS INTERNATIONAL CERT. NO. : MSPO 0002





### MSPO CERTIFICATE

SIRIM QAS International Sdn. Bhd. hereby certifies that

**BOUSTEAD PLANTATIONS BERHAD**  
(BOUSTEAD RIMBA NILAI SDN. BHD.)  
KILANG KELAPA SAWIT SUNGAI JERNIH  
26700 MUADZAM SHAH  
PAHANG DARUL MAKMUR  
MALAYSIA.

has implemented a Management and Production System complying with  
**Malaysian Sustainable Palm Oil (MSPO) General Principles for Oil  
Palm Plantations and Organised Smallholders as per MS 2530-3:2013.**

Scope of certification

**PRODUCTION OF SUSTAINABLE CRUDE PALM OIL AND PALM  
KERNEL**

*Appendix A, which details the premise covered by this certification.*



**Khalidah Mustafa**  
Managing Director  
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.  
(Co. No. 410334 - X)  
1, Persiaran Dato' Menteri  
Section 2, P.O. Box 7035  
40700 Shah Alam  
Selangor Darul Ehsan  
MALAYSIA

Tel : 6 03 55446404  
Fax : 6 03 55446707

<http://www.sirim-qas.com.my>  
<http://www.malaysiancertified.com.my>

This certificate is the property of SIRIM QAS International Sdn Bhd and is subject to the terms and conditions governing the granting of a Certificate of Registration as stated in the RSPQ Certification Agreement.

Certification Date : 13 July 2015

Expiry Date : 12 July 2020

Issue Date : 13 July 2015



### BOUSTEAD PLANTATIONS BERHAD

#### POLISI PELAKSANAAN DAN KOMITMEN TERHADAP SIJIL AKUAN MSPO

Kumpulan Boustead berpegang kepada polisi untuk menjalankan urusan perniagaannya dalam suasana yang mampan dan pembalakan lanjutan ke atas operasi penanaman dan perkilangan dengan cara mematuhi prinsip dan pelaksanaan keperluan MSPO (Sijil Kemampanan Minyak Sawit Malaysia) melalui:

- PRINSIP 1**  
Komitmen Dan Tanggungjawab Pengurusan
- PRINSIP 2**  
Ketelusan
- PRINSIP 3**  
Mematuhi Akan Keperluan Undang-undang
- PRINSIP 4**  
Bertanggungjawab Terhadap Sosial, Kesihatan, Keselamatan Dan Keadaan Pekerjaan
- PRINSIP 5**  
Alam Sekitar, Sumber Asli, Biodiversiti Dan Ekosistem
- PRINSIP 6**  
Amalan Terbaik
- PRINSIP 7**  
Pembangunan Penanaman Baru

Sehubungan itu, kerjasama dan komitmen ke arah pendekatan yang sistematik amatlah penting bagi memastikan pengeluaran minyak sawit yang mampan seiring sasaran kumpulan kami.



**Dato' Shuib Abdullah**  
Pengurus Besar Kanan  
Boustead Estates Agency Sdn Bhd  
Boustead Plantations Berhad  
Sebagai Wakil

**1 November 2014**



ACCREDITATION



# CERTIFIED ESTATE

## MSPO Certification (MB)

LADANG SUNGAI JERNIH - MSPO 0001  
KILANG SAWIT SUNGAI JERNIH - MSPO 0002



**\*NOT UNDER MSPO CERTIFICATION**

- 1) LADANG BEBAR
- 2) LADANG TABUNG TENTERA TERENGGANU



**Ladang Sungai Jernih**



ACCREDITATION

# BENEFITS OF MSPO IN-SITU AT SUNGAI JERNIH BUSINESS UNIT

- Upon having RSPO certification, Sungai Jernih Estate had further obtained Malaysian Sustainable Palm Oil (MSPO) Certification on 10<sup>th</sup> April 2015 and followed by Sungai Jernih Palm Oil Mill which obtained the MSPO Certification on 13<sup>th</sup> July 2015.
- We are proud to implement our national standard on MSPO by committing the country to fulfil sustainability requirements.
- As the MSPO is a national standard, it can be used for G to G arrangement/negotiation.

# SG JERNIH POM ANNUAL SCHEDULE



## ANNUAL SCHEDULE

NO	ACTIVITIES	2015	2016	2017	2018
1	ISO 9001-2008 SURVEILLANCE AUDIT	21 JAN	11 -12 JAN	OCT	-
2	INTERNAL STAKEHOLDER MEETING	15 APR	26 MAC	MAC	MAC
3	EXTERNAL STAKEHOLDER MEETING	21 MAY	15 FEB	APR	APR
4	MSPO 2530-3 : 2013 INTERNAL AUDIT	-	19 – 20 JAN	JAN	JAN
5	DOSH AUDIT – SAFETY,HEALTH & WORKPLACE INSPECTION	11 FEB 13 OCT	9 MAC -	- -	- -
6	DOSH AUDIT – HYGIENE,NOISE,HEAT& ERGONOMIC INSPECTION	-	22 MAC	-	-
7	MSPO MANAGEMENT REVIEW MEETING	-	15 MAC	FEB	FEB
8	MANAGEMENT REVIEW MEETING ISO & RSPO SUPPLY CHAIN	15 MAY	16 MAC	FEB	FEB
9	RSPO SUPPLY CHAIN --- INTERNAL AUDIT	8-9 JUL	13-14 APR	APR	APR
10	VISITING ENGINEER VISIT	15-17 APR 29-31 DEC	25 MEI DEC	APR DEC	APR DEC
11	ANNUAL INSPECTION BY DOSH	14 MAY	29 APR	APR	APR
12	MSPO 2530 -3 : 2013 SURVEILLANCE AUDIT	-	13-14 JUNE	MAY	MAY
13	RSPO RECERTIFICATION AUDIT	-	14-17 JUNE	-	-
14	RSPO SURVEILLANCE AUDIT	22-24 JUL	-	JUNE	JUNE
15	ANNUAL VISIT TO CPO / PK BUYER	9 -10 SEPT	DEC	AUG	AUG
16	SAFETY OFFICER AUDIT	14 -15 SEPT	-	-	-
17	RSPO SUPPLIER AUDIT - ISF	22 SEPT	22 SEPT	SEPT	SEPT
18	ISO 9001 : 2008 RECERTIFICATION AUDIT	-	18-19 OCT	-	-
19	ISO 9001 : 2008 - IQA	15-16 DEC	22-23 AUG	JULY	JULY
20	GROUP INTERNAL AUDIT (GIAD)		25-28 OCT	-	-





# STAKEHOLDER MEETING

STAKEHOLDER





STAKEHOLDER



## Ferrero Rocher Audit visit





## Program Ramah Mesra Bersama PDRM





## HARI KEUSAHAWANAN

## SEKOLAH KEBANGSAAN BANDAR DUA (SEKOLAH KLUSTER KECEMERLANGAN)





**S.J.B.U.**  
**HISTORY**  
**&**  
**PERFORMANCES**

# SG JERNIH BUSINESS UNIT(S.J.B.U)



HISTORY  
&  
PERFORMANCE



**KILANG KELAPA SAWIT SG JERNIH**  
EN.AZRIN MAZHIDI BIN ABDUL MANAB



**LADANG TABUNG TENTERA**  
(LTT,KEMAMAN.TRENGGANU)

EN. SAUDDIN CHE LAMIN



**LADANG SG JERNIH**  
PALOH HINAI,PEKAN.PAHANG

EN. FARIDAN HJ. OTHMAN



**LADANG BEBAR**  
(MUADZAM SHAH,PAHANG)

EN. MOHD HAMDAN B HUSIN



EN. FARIDAN HJ. OTHMAN

## LADANG SG JERNIH

- LOKASI – PALOH HINAI PEKAN PAHANG
- KELUASAN LADANG – 2572.2 Hektar
- JENIS POKOK SAWIT – i) KLON –RAMETS(90%)  
ii) D X P (10%)



EN. MOHD HAMDAN HUSIN

## LADANG BEBAR

- LOKASI – MUADZAM SHAH PAHANG
- KELUASAN LADANG – 2075 Hektar
- JENIS POKOK SAWIT – i) KLON –RAMETS(90%)  
ii) D X P (10%)



EN. SAUDDIN CHE LAMIN

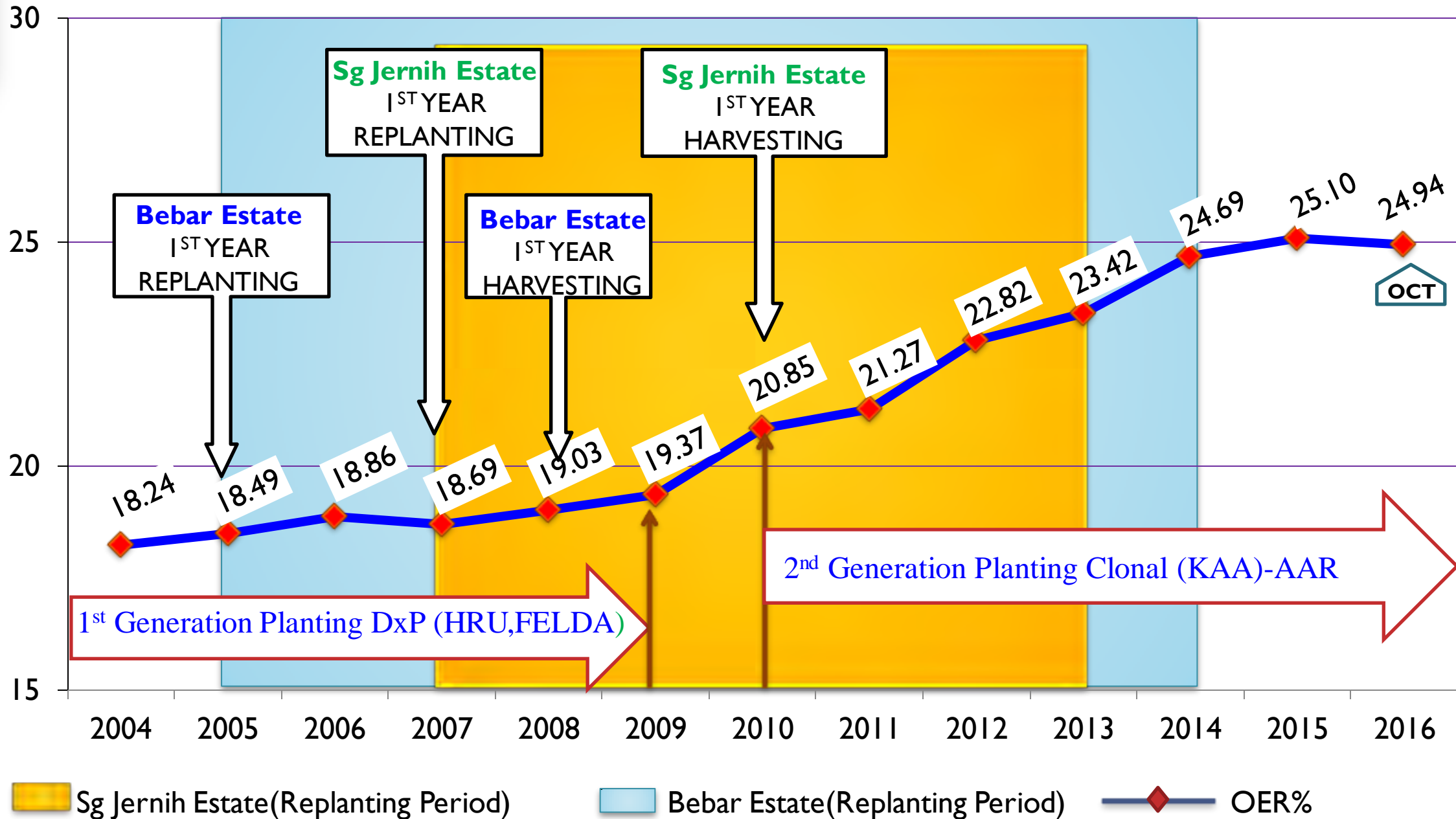
## LADANG TABUNG TENTERA

- LOKASI – KEMAMAN, TERENGGANU
- KELUASAN LADANG – 1684 Hektar
- JENIS POKOK SAWIT – i) D X P (100%)



HISTORY & PERFORMANCE

# REPLANTING PROGRAM (DxP --- CLONAL)

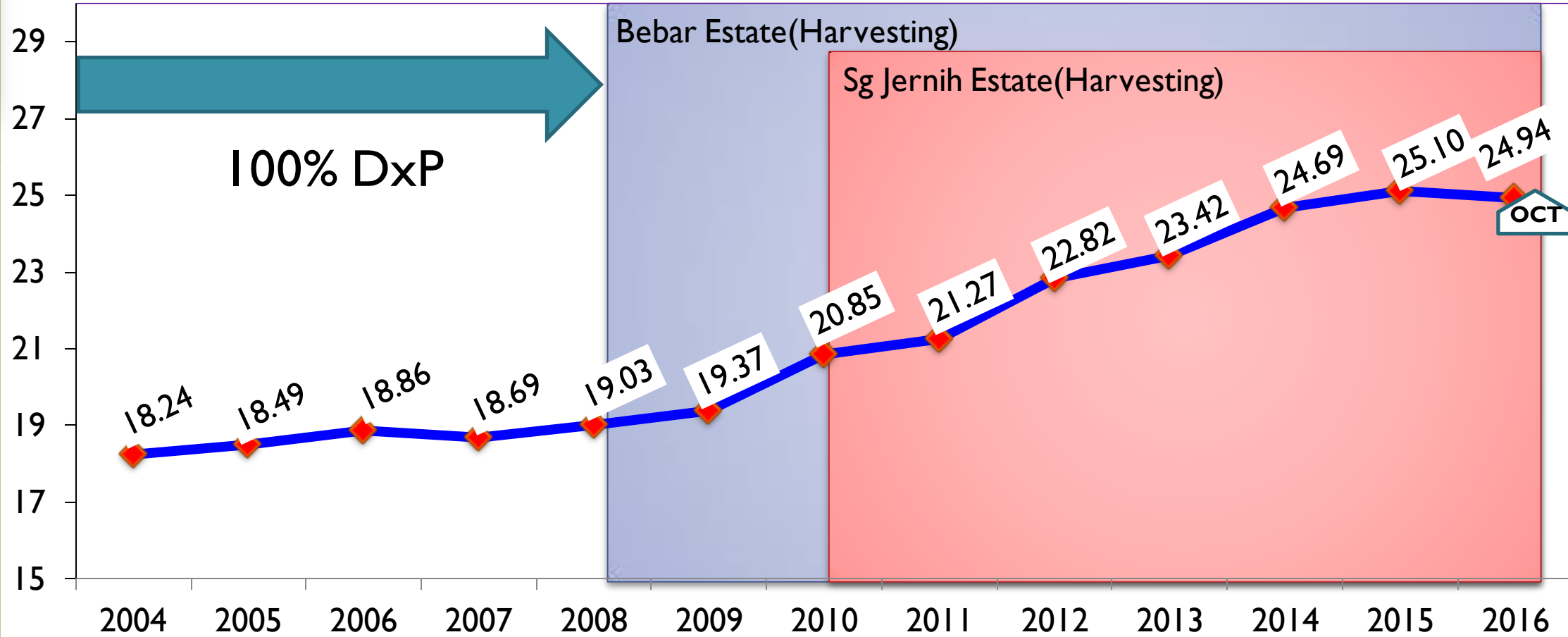




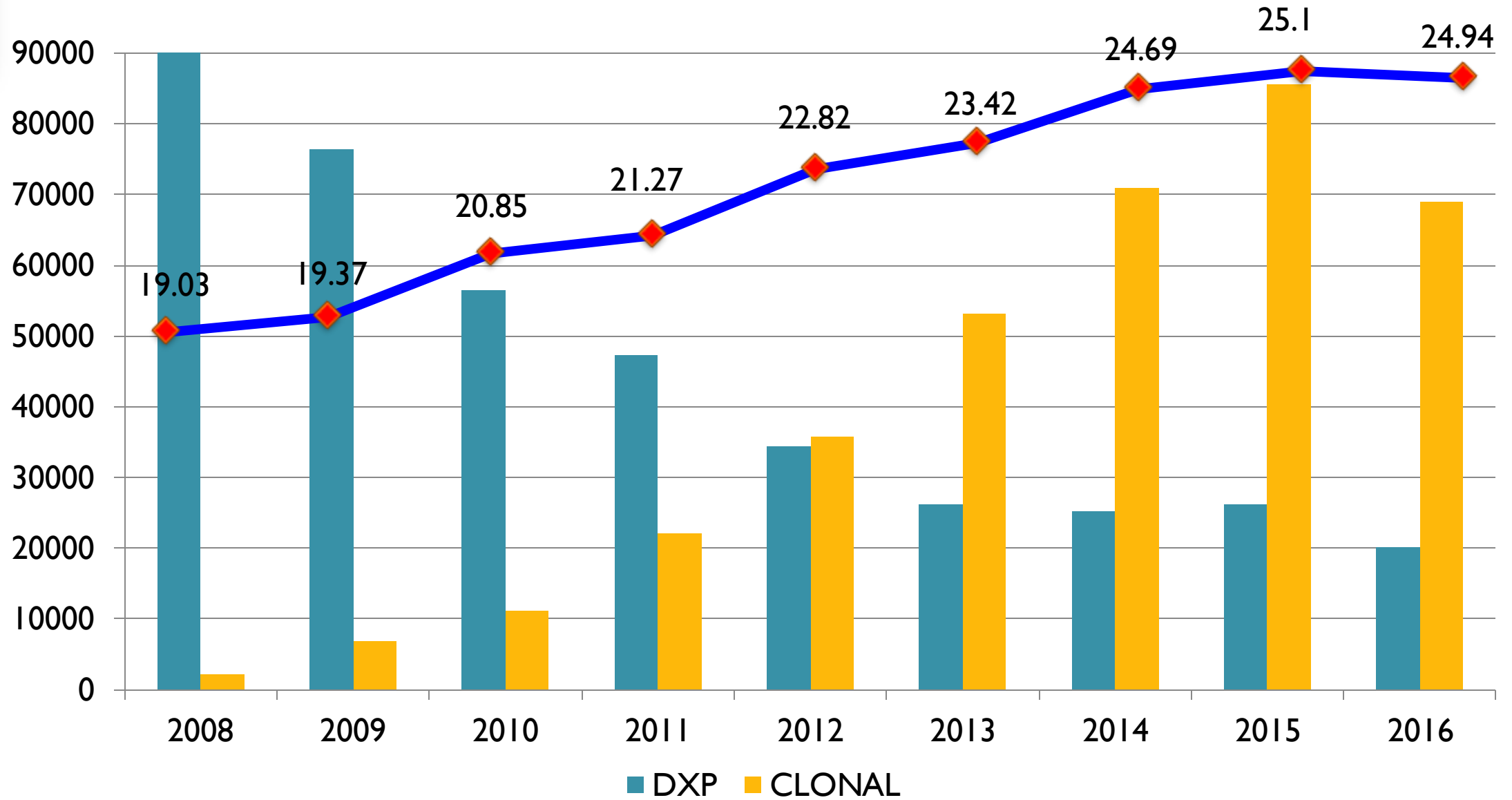


# TONNAGE CLONAL vs DxP – Sg Jernih & Bebar Estate

HISTORY  
&  
PERFORMANCE



	2008		2009		2010		2011		2012		2013		2014		2015		2016(OCT)	
	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON	D x P	CLON
SG JERNIH	40,959	-	34,075	-	24,154	939	18,801	4,327	8,904	11,195	-	21,744	-	30,714	-	37,911	-	34,023
BEBAR	31,942	2,161	18,359	6,802	9,481	10,204	2,957	17,801	1,397	24,560	978	31,476	590	40,335	465	47,747	325	34,906
LTAT	25,435	-	23,925	-	22,887	-	25,599	-	24,093	-	25,272	-	24,579	-	25,829	-	19,870	-
<b>TOTAL</b>	<b>98,336</b>	<b>2,161</b>	<b>76,359</b>	<b>6,802</b>	<b>56,522</b>	<b>11,143</b>	<b>47,357</b>	<b>22,128</b>	<b>34,394</b>	<b>35,755</b>	<b>26,250</b>	<b>53,220</b>	<b>25,169</b>	<b>71,049</b>	<b>26,294</b>	<b>85,658</b>	<b>20,195</b>	<b>68,929</b>





HISTORY  
&  
PERFORMANCE

REPLANTING



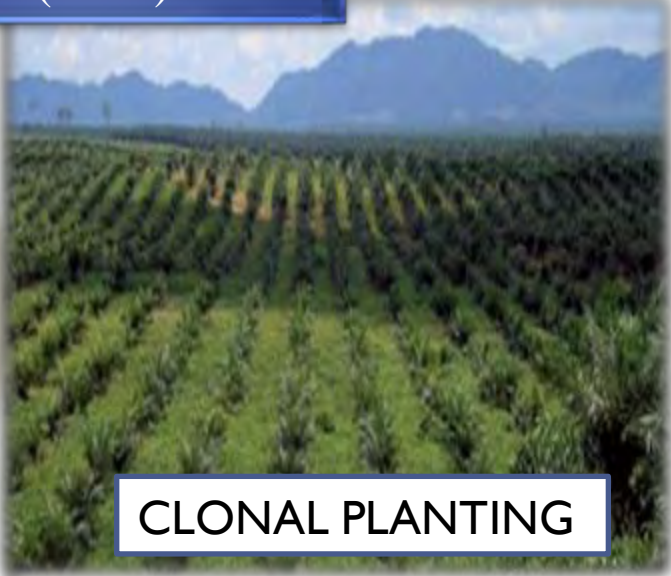
2<sup>nd</sup> Generation Planting  
Clonal (KAA)-AAR



TISSUE CULTURE



CLONAL



CLONAL PLANTING



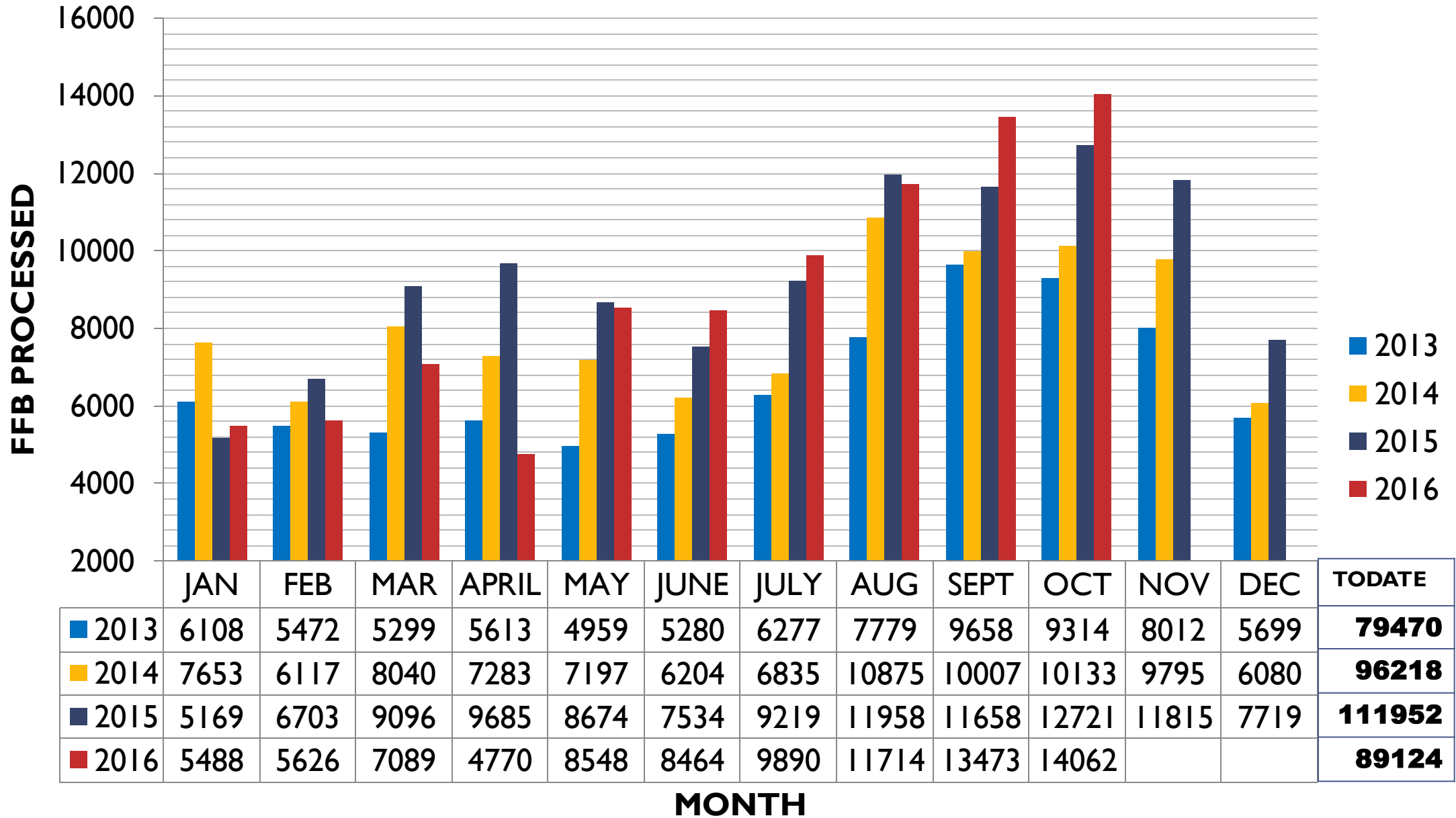
HISTORY  
&  
PERFORMANCE





FFB

# YEARLY FFB PROCESSED COMPARISON





# BOUSTEAD RIMBA NILAI SDN BHD

## SG JERNIH PALM OIL MILL

### OER %(YEARS)

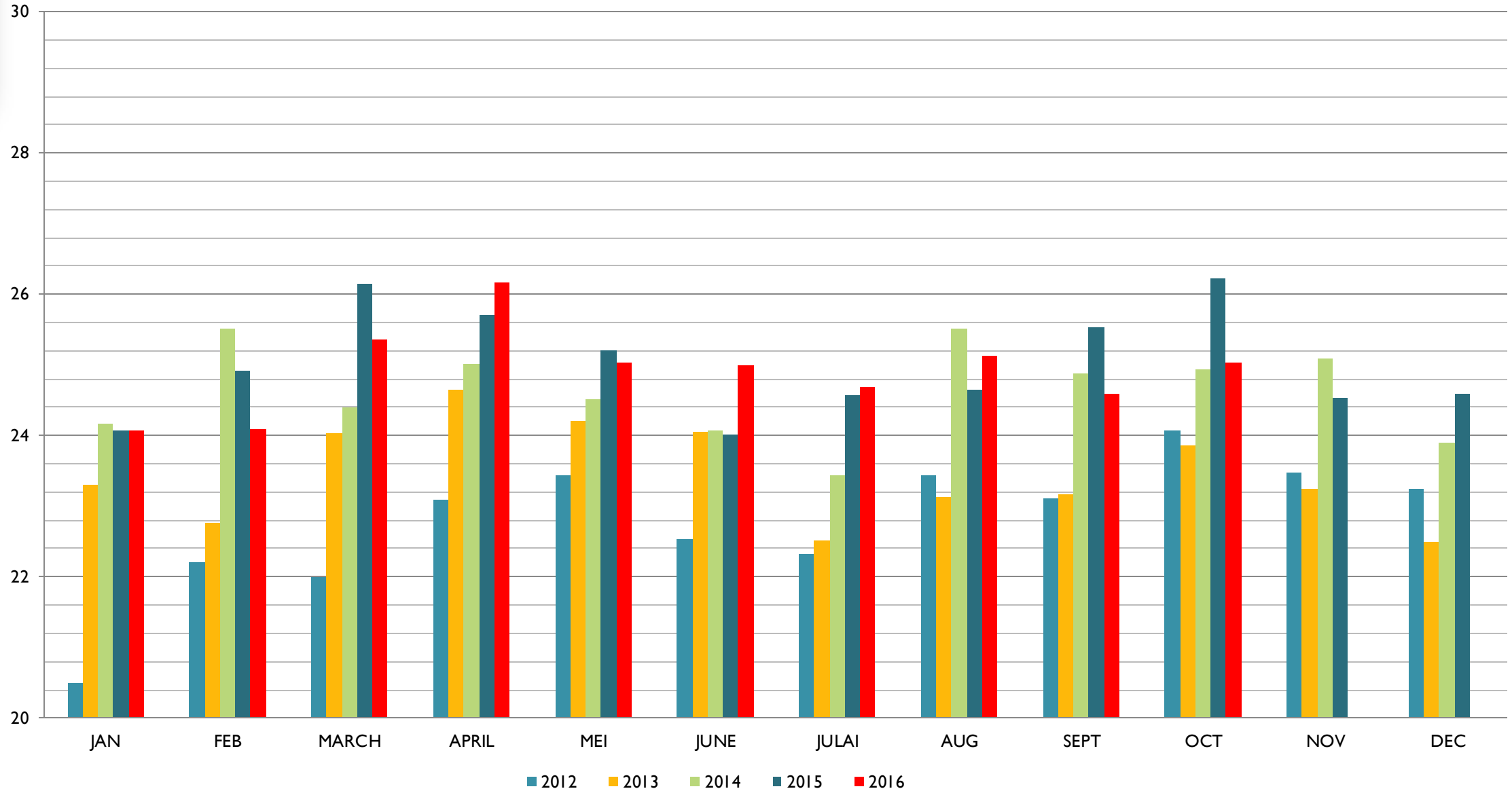
OER%

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Jan	18.44	18.79	18.88	20.49	23.30	24.17	24.07	24.63
Feb	19.81	21.43	20.42	22.20	22.77	25.52	24.92	24.10
Mar	19.02	21.33	20.48	22.00	24.03	24.40	26.14	25.36
Apr	19.35	21.43	21.28	23.10	24.64	25.02	25.70	26.16
May	20.43	21.40	22.02	23.44	24.20	24.51	25.20	25.03
Jun	20.80	21.35	21.36	22.54	24.05	24.07	24.01	25.00
Jul	19.66	21.01	21.39	22.33	22.51	23.44	24.57	24.68
Aug	19.65	21.46	21.77	23.43	23.13	25.52	24.65	25.12
Sep	19.47	21.20	21.53	23.11	23.17	24.88	25.53	24.59
Oct	19.50	21.31	22.51	24.08	23.87	24.94	26.23	25.04
Nov	18.87	20.51	22.05	23.47	23.24	25.09	24.53	
Dec	18.07	20.03	20.91	23.24	22.50	23.90	24.60	
<b>TODATE</b>	<b>19.37</b>	<b>20.85</b>	<b>21.27</b>	<b>22.82</b>	<b>23.42</b>	<b>24.69</b>	<b>25.10</b>	<b>24.94</b>



# OER% (Years)

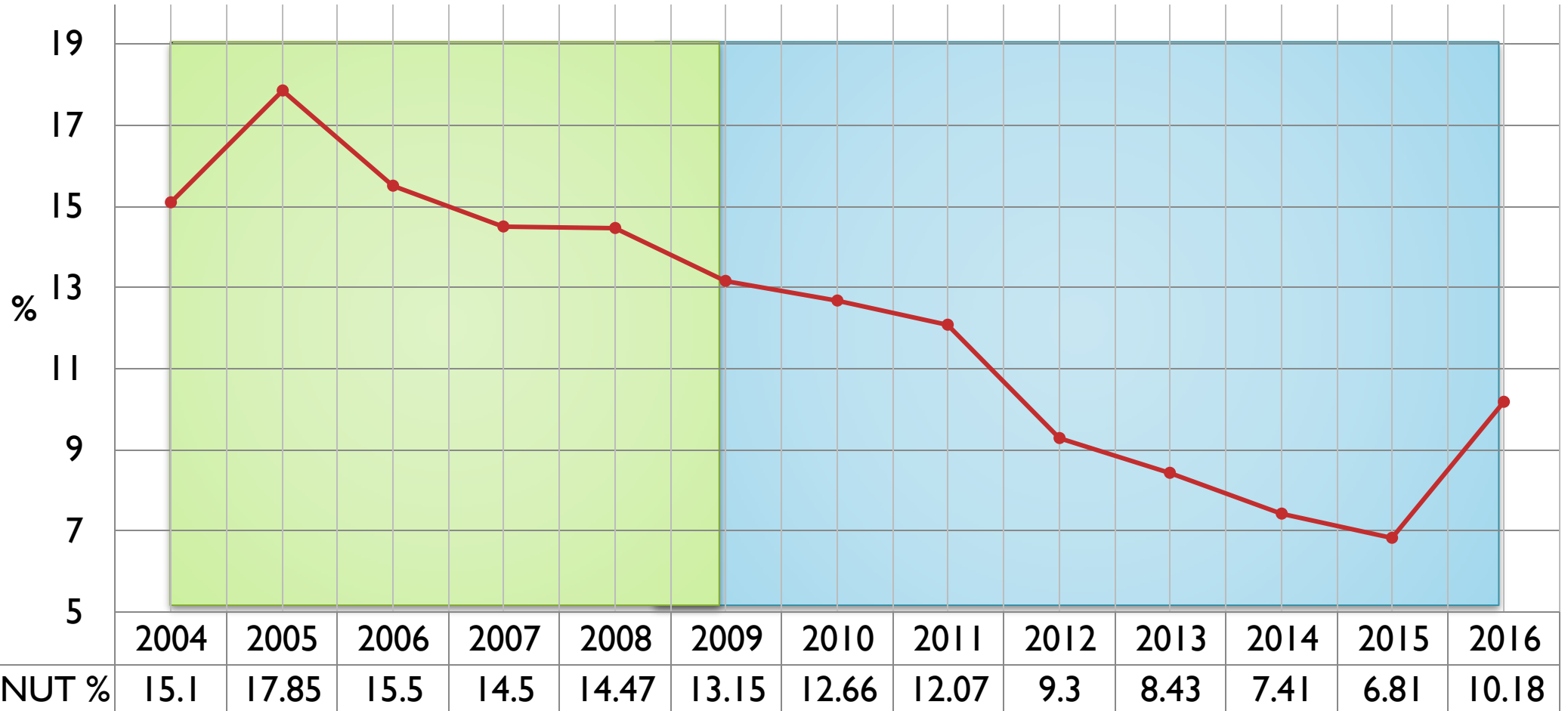
OER%





# NUT RATIO ANALYSIS % (DxP vs CLONAL)

## NUT %



NUT %

FFB DxP

FFB CLONAL





## BOUSTEAD RIMBA NILAI SDN BHD

### Kilang Kelapa Sawit Sungai Jernih

#### KER %(YEARS)

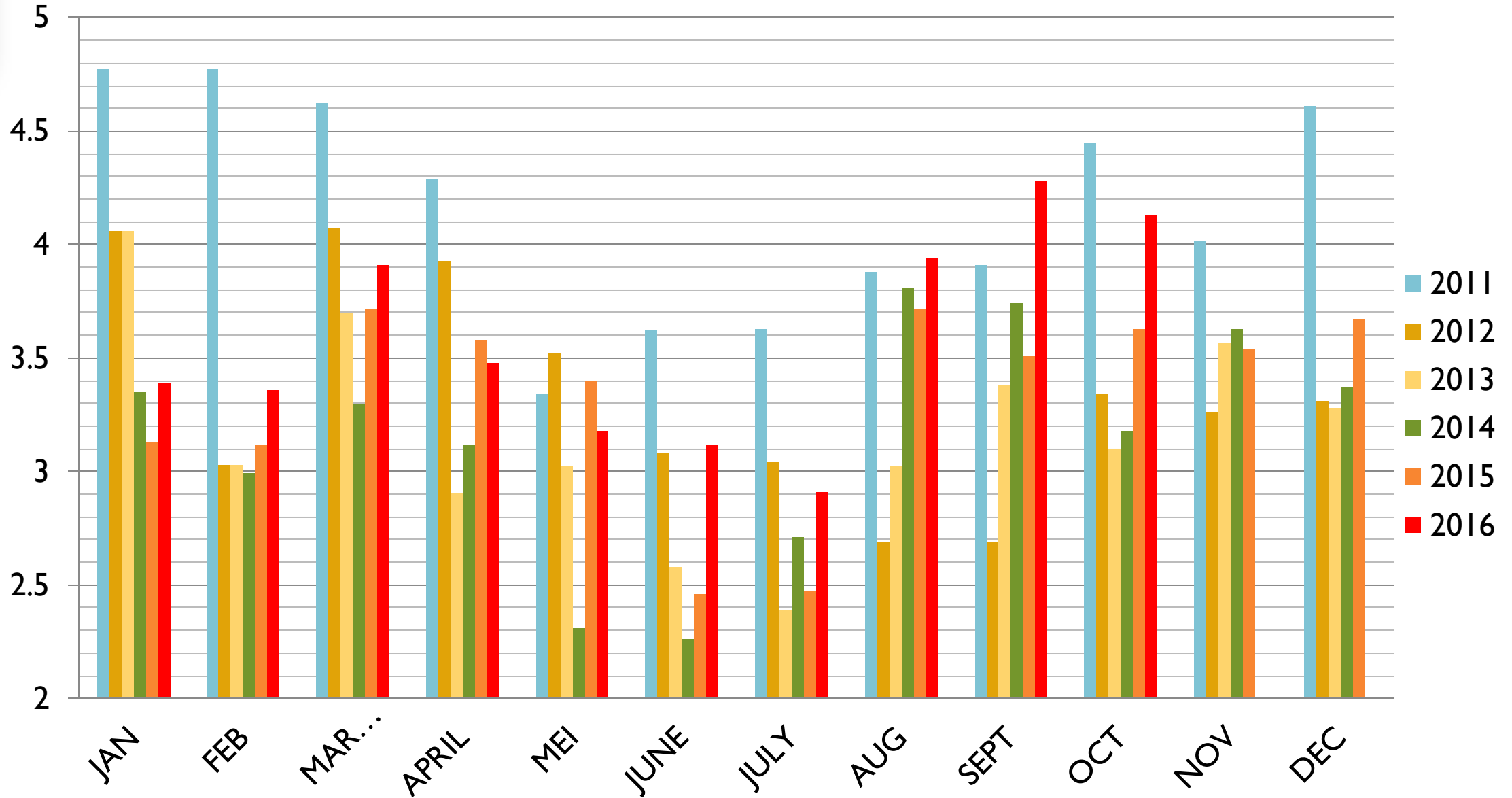
KER %

	2009	2010	2011	2012	2013	2014	2015	2016
Jan	6.09	5.50	4.77	4.06	4.06	3.35	3.13	3.39
Feb	6.63	4.93	4.77	3.03	3.03	2.99	3.21	3.36
Mar	6.03	5.07	4.62	4.07	3.70	3.30	3.72	3.91
Apr	5.44	4.62	4.29	3.93	2.90	3.12	3.58	3.48
May	5.15	4.14	3.34	3.52	3.02	2.31	3.40	3.18
Jun	5.30	3.95	3.62	3.08	2.58	2.26	2.46	3.12
Jul	4.85	4.92	3.63	3.04	2.39	2.71	2.47	2.91
Aug	4.88	5.01	3.88	2.69	3.02	3.81	3.72	3.94
Sep	4.90	4.23	3.91	2.69	3.38	3.74	3.51	4.28
Oct	5.04	4.49	4.45	3.34	3.10	3.18	3.63	4.13
Nov	5.11	4.82	4.02	3.26	3.57	3.63	3.54	
Dec	5.14	4.94	4.61	3.31	3.28	3.37	3.67	
<b>TODATE</b>	<b>5.40</b>	<b>4.76</b>	<b>4.12</b>	<b>3.40</b>	<b>3.19</b>	<b>3.21</b>	<b>3.38</b>	<b>3.66</b>



# KER% (Years)

KER %





**FFA %**

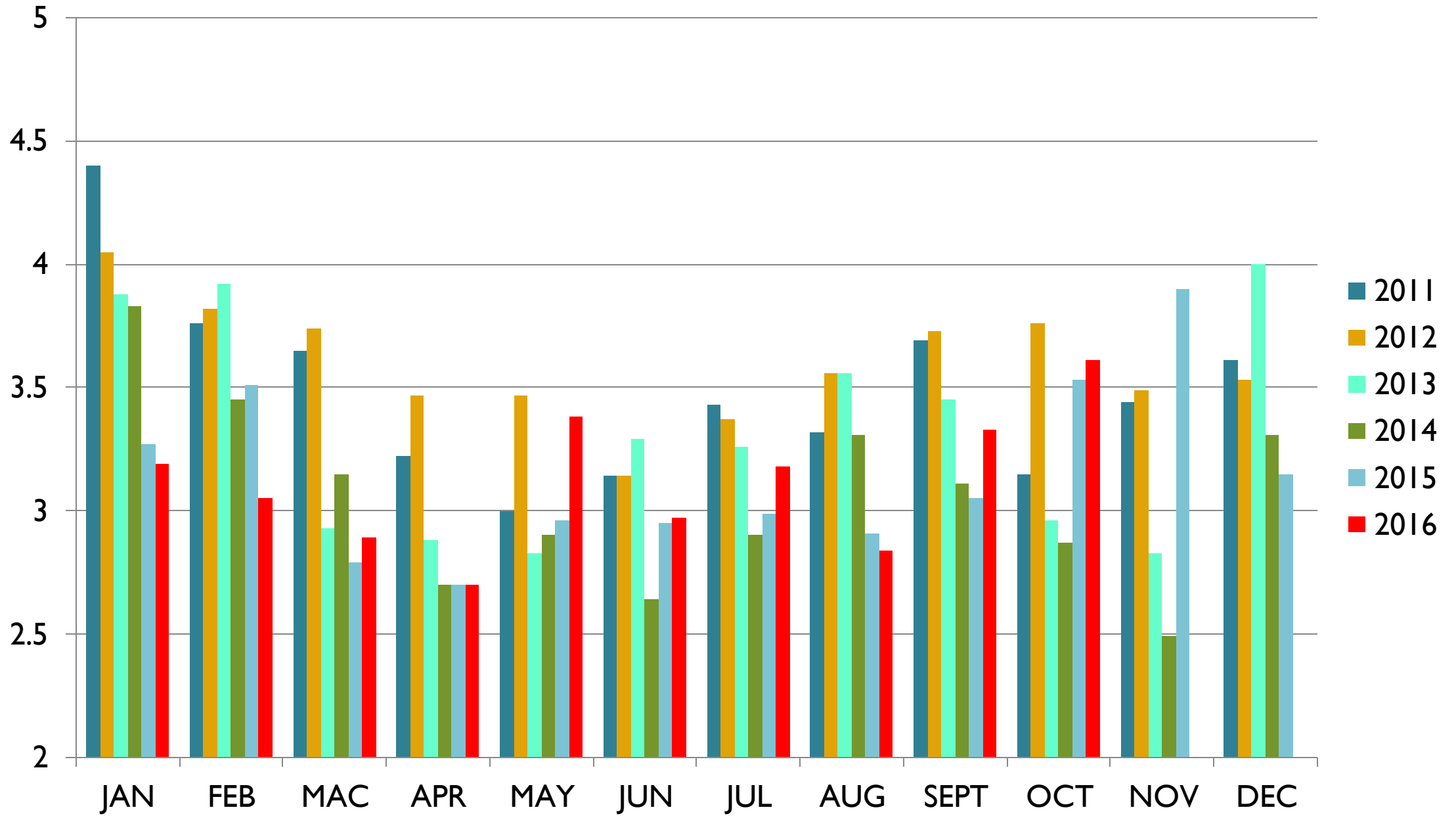
**FFA %**

	2009	2010	2011	2012	2013	2014	2015	2016
JAN	4.81	4.62	4.40	4.05	3.88	3.83	3.27	3.19
FEB	3.71	4.48	3.76	3.82	3.92	3.45	3.51	3.05
MAC	3.74	4.01	3.65	3.74	2.93	3.15	2.79	2.89
APR	3.33	3.43	3.22	3.47	2.88	2.70	2.70	2.70
MAY	3.18	3.38	3.00	3.47	2.83	2.90	2.96	3.38
JUN	3.01	3.25	3.14	3.14	3.29	2.64	2.95	2.97
JUL	3.07	3.07	3.43	3.37	3.26	2.90	2.99	3.18
AUG	2.98	2.96	3.32	3.56	3.56	3.31	2.91	2.84
SEPT	3.29	3.05	3.69	3.73	3.45	3.11	3.05	3.33
OCT	3.44	3.01	3.15	3.76	2.96	2.87	3.53	3.16
NOV	3.67	3.55	3.44	3.49	2.83	2.49	3.90	-
DEC	4.48	3.66	3.61	3.53	4.00	3.31	3.15	-
<b>AVERAGE</b>	<b>3.30</b>	<b>3.53</b>	<b>3.48</b>	<b>3.59</b>	<b>3.31</b>	<b>3.00</b>	<b>3.14</b>	<b>3.06</b>



**FFA %**

**FFA %**





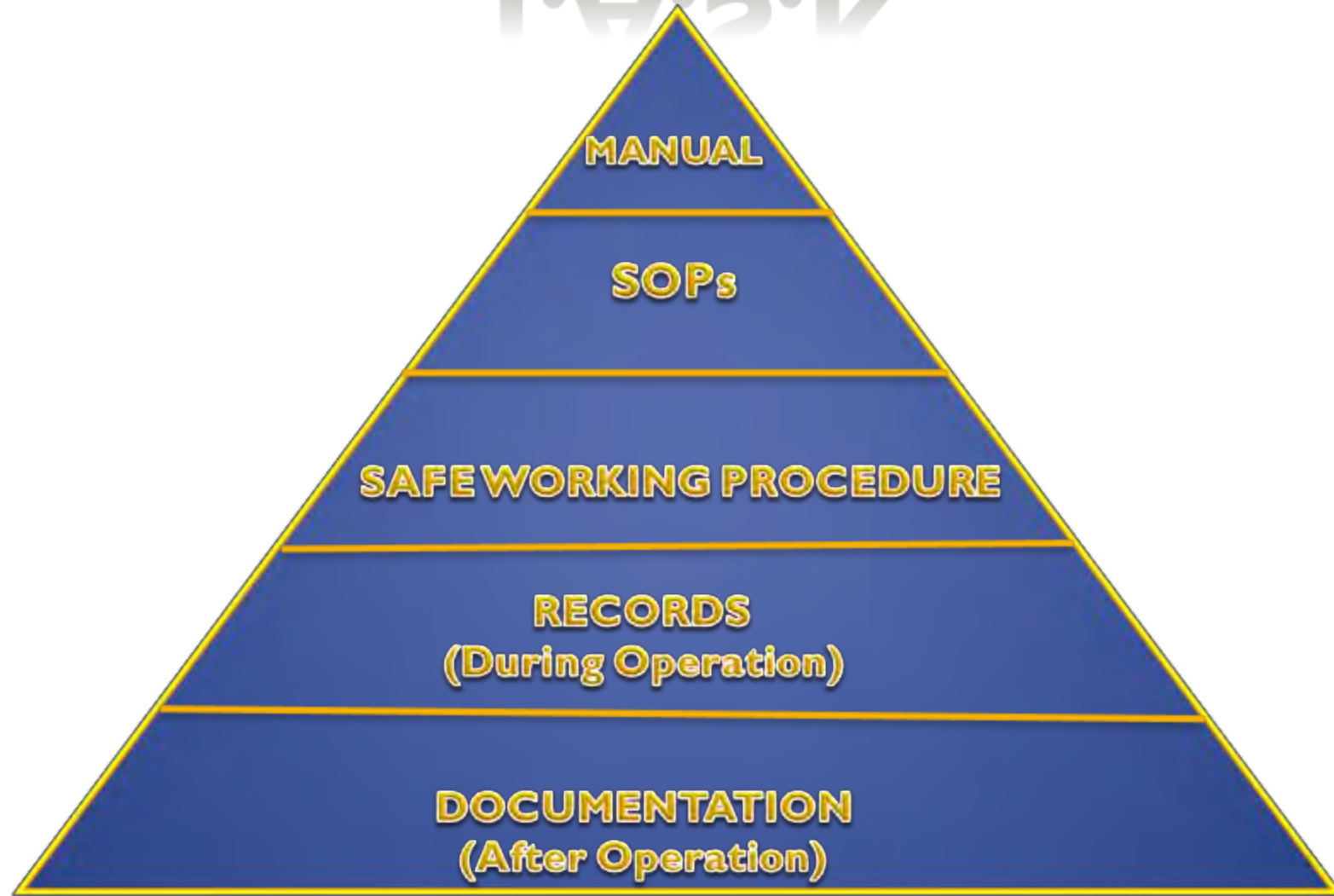
# **SUNGAI JERNIH BUSINESS UNIT(SJBU) PRACTICES**



**OUR FORTE...**



# T.A.S.K



GMPs

GAPs



GMP

# GOOD MILLING PRACTICES (GMP)





## GMP

The main aims of the GMP are:

- i. To ensure that sustainable agriculture is profitable. This is achieved via the production of high quality products at optimum quantity, low costs and minimised waste as well as adding value wherever possible.
- ii. To be committed to food safety, environmental performance and social responsibility of the highest standards.
- iii. To produce quality products by ensuring quality FFB input.
- iv. To be steadfast in achieving good extraction efficiency and maintaining high extraction ratios.
- v. To keep FFA content to the minimum and other parameters to within all acceptable standards.
- vi. To reduce dependency on non-renewable fuel consumption by maximising the use of shell and fibre in the generation of power.
- vii. To optimise milling efficiency by investing in new, more efficient plant and machinery.
- viii. To minimise process water usage in mills.
- ix. To maintain strict procedures and management and handling of chemicals.
- x. To manage noise by locating mill away from residential areas while addressing health risks of workers working in noisy mill environment by providing the necessary safety and training needed.
- xi. To ensure all plantation areas to have a system of domestic and industrial waste collection system via specially constructed landfill sites to avoid pollution.
- xii. To ensure that process losses, product quality, waste water management are well monitored.



GMP

# MANUAL

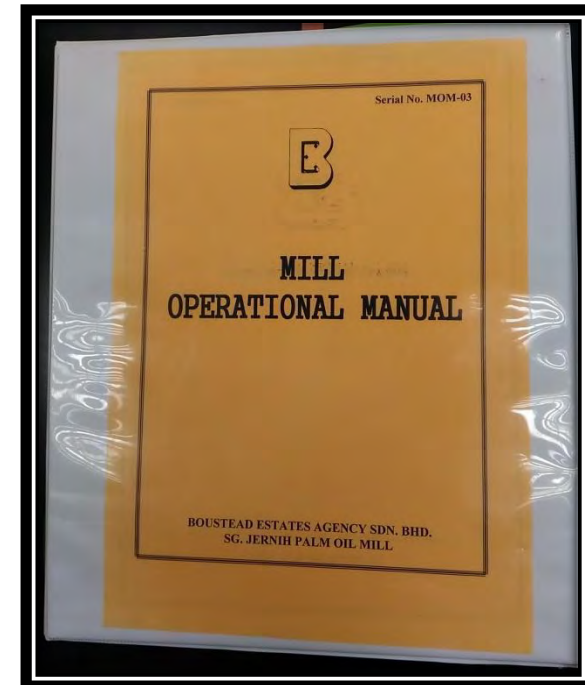
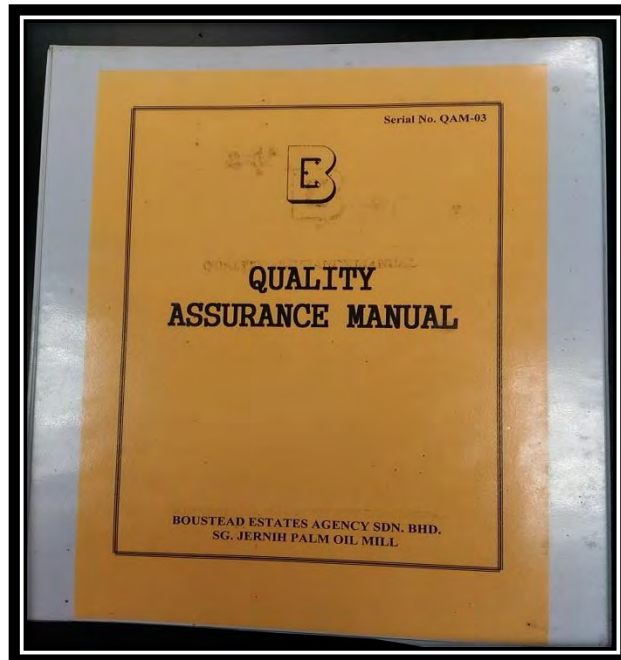


## QAM

## MOM

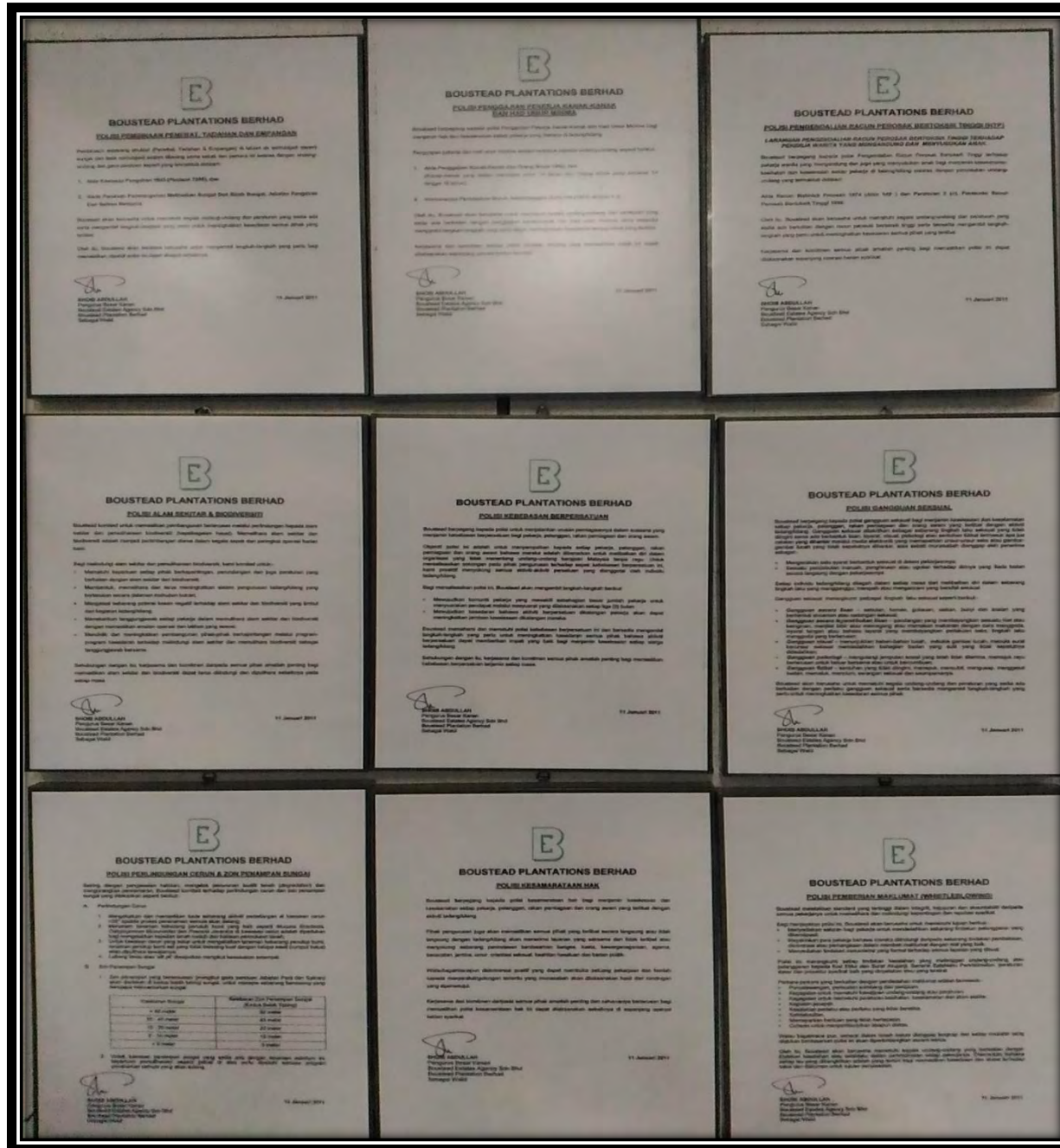
POLICY  
TRAINING  
EQUIPMENT CALIBRATION

TRAINING  
WORK INSTRUCTION





GMP



POLICY

**BOUSTEAD ESTATES AGENCY SDN. BHD.**



**POLISI KUALITI**


**“TRADISI MUTU DAN KEUNGGULAN”**

Polisi kita ialah untuk dikenali oleh pelanggan dan perindustrian sebagai pembekal dan pengeluar berkelayakan dalam pengeluaran sawit yang berkualiti bahkan melebihi kehendak pelanggan. Dalam usaha untuk mengekalkan polisi kita secara berterusan adalah menjadi suatu komitmen syarikat untuk memperbaiki keberkesannya secara berterusan dalam sistem Pengurusan Kualiti

*Kemuruman*  
Group Managing Director




GMP

 **S.O.P**  
**GRADING STATION**


1. PASTIKAN KAWASAN STATION SENTIASA BERSIH DAN SELAMAT UNTUK DIGUNAKAN.
2. GUNAKAN PPE YANG BERSESUAI SEPERTI SAFETY HELMET, SAFETY BOOT, DAN GLOVE.
3. SILA BERHATI-HATI KETIKA MENGGUNAKAN BATANG BESI LOADING YANG TAJAM.
4. PASTIKAN KERJA-KERJA MENGGRED FFB DILAKUKAN TIDAK TERLALU HAMPIR DENGAN LORI DAN TRAKTOR.
5. HANYA SATU LORI DAN SATU TRAKTOR SAHAJA DIBENARKAN MEMUNGGAH FFB DALAM SESUATU MASA.
6. PASTIKAN PERGERAKKAN KELUAR MASUK LORI / TRAKTOR FFB MENGIKUT KELAJUAN YANG DIBENARKAN SAHAJA.

**UTAMAKAN KESELAMATAN**

 **S.O.P**  
**SISA BUANGAN TERJADUAL**

1. TERTAKLUK DAN MERUJUK KEPADA AKTA KUALITI ALAM SEKITAR 1974 & PERATURAN KUALITI ALAM SEKITAR (BAHAN BUANGAN TERJADUAL) 1989
2. SISA BUANGAN MESTI DIASINGKAN MENGIKUT KATEGORI BAHAN MASING-MASING SEPERTI PENAPIS MINYAK ENJIN TERPAKAI & MINYAK HIDRAULIK TERPAKAI.
3. SISA BUANGAN TERSEBUT MESTILAH DISIMPAN DI DALAM TONG / BEKAS YANG TAHAN DARIPADA TUMPAHAN ATAU KEBOCORAN YANG BOLEH MENCEMARKAN ALAM SEKITAR.
4. SEMUA BEKAS HENDAKLAH DILABEL DENGAN JELAS MEMENUHI KEHENDAK AKTA KUALITI ALAM SEKITAR
5. REKOD KELUAR / MASUK SISA BUANGAN DENGAN JELAS
6. STOR SIMPANAN SISA BUANGAN HENDAKLAH BEBAS DARIPADA SISA TUMPAHAN DAN MESRA KEPADA ALAM SEKITAR.

**UTAMAKAN KESELAMATAN**

 **S.O.P**  
**BILIK ENJIN**

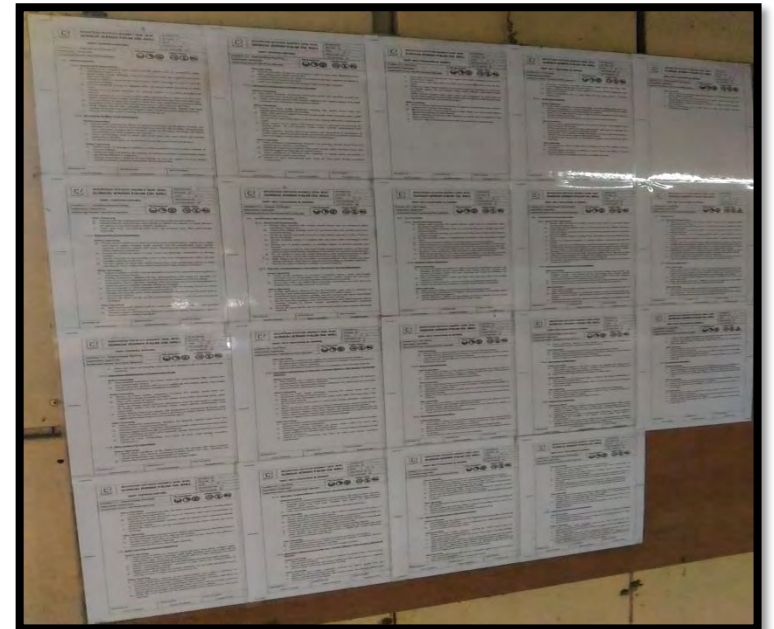
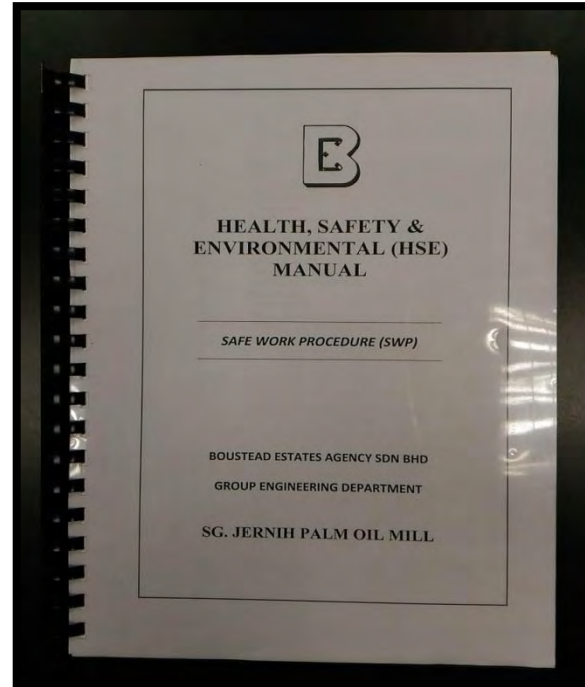
1. KAWASAN BAHAYA. DILARANG MASUK TANPA SEBARANG URUSAN.
2. PASTIKAN MEMAKAI PPE YANG BETUL (EAR PLUG, SAFETY HELMET, SAFETY BOOT & GLOVE). INI ADALAH KAWASAN BUNYI BISING & PANAS.
3. DILARANG MEROKOK, MAKAN ATAU MINUM DI KAWASAN INI.
4. PASTIKAN TIADA TUMPAHAN MINYAK DAN JIKA BERLAKU HENDAKLAH DIBERSIHKAN SEGERA.
5. PASTIKAN PROSEDUR KERJA DIIKUTI DENGAN BETUL SEMASA MENGENDALIKAN GENSET DAN TURBINE DI BILIK INI.
6. PASTIKAN GENSET MEMATUHI JADUAL PENYELENGGARAANNYA.
7. GENSET DAN TURBINE HANYA BOLEH DIOPERASIKAN OLEH OPERATOR YANG DIPERAKUI KOMPETEN SAHAJA.
8. JIKA BERLAKU SEBARANG KECEMASAN SILA LAPORKAN KEPADA PIHAK PENGURUSAN DENGAN KADAR SEGERA UNTUK DIAMBIL TINDAKAN SELANJUTNYA.

**UTAMAKAN KESELAMATAN**



# SAFE WORKING PROCEDURE

GMP





GMP

# RECORD (During Operation)

**SG JERNIH PALM OIL MILL DAILY SHIFT REPORT**

Attachment GMM 4-18  
Date: 21/11/2016

201) Mill Processing Commenced (Case Breaker Control Panel)  
202) Mill Processing Stopped (Case Breaker Control Panel)  
203) Cool-down (1 Party)  
204) Case Breaker Control Running Hour (1st to 2nd)  
205) a) Total No. of Sterilized Cargos  
b) No. x 4.20 = 58  
206) a) Recycled UOB No. of Cargos  
b) No. x 0.84 = 58  
207) Shift Throughput (1st - 2nd) = 104  
208) Shift Operating Hours  
209) Processing Operator (s)  
210) Shift Production (t)  
a) FFB Shredage  
b) Down-time  
Total (a+b) =  
c) Maintenance  
211) FFB Cleaning Stack  
212) FFB Reuse  
213) FFB Cleaning Stack (in operation)  
214) ...

**SG JERNIH PALM OIL MILL DAILY SHIFT REPORT**

Attachment GMM 4-18  
Date: 21/11/2016

201) Mill Processing Commenced (Case Breaker Control Panel)  
202) Mill Processing Stopped (Case Breaker Control Panel)  
203) Cool-down (1 Party)  
204) Case Breaker Control Running Hour (1st to 2nd)  
205) a) Total No. of Sterilized Cargos  
b) No. x 4.20 = 58  
206) a) Recycled UOB No. of Cargos  
b) No. x 0.84 = 58  
207) Shift Throughput (1st - 2nd) = 104  
208) Shift Operating Hours  
209) Processing Operator (s)  
210) Shift Production (t)  
a) FFB Shredage  
b) Down-time  
Total (a+b) =  
c) Maintenance  
211) FFB Cleaning Stack  
212) FFB Reuse  
213) FFB Cleaning Stack (in operation)  
214) ...

**SG JERNIH PALM OIL MILL STERILIZATION STATION CHECKSHEET**

21/11/2016

No.	STERILIZER W-1				STERILIZER W-2			
	Start Time	Start Date	End Time	End Date	Start Time	Start Date	End Time	End Date
1	09:00	11/11	11:30	11/11	10:30	12:05	12:20	11/11
2	11:20	12:05	12:10	11/11	12:20	12:55	13:20	11/11
3	13:10	14:55	16:20	11/11	14:20	16:05	16:55	11/11
4	16:20	16:55	17:40	11/11	16:55	18:30	19:45	11/11
5	17:40	19:10	19:45	11/11	19:45	20:10	21:20	11/11
6	19:45	21:20	-	11/11	21:20	22:55	-	11/11

**SG JERNIH PALM OIL MILL LOST STOPPAGE BUCKET CHECKSHEET**

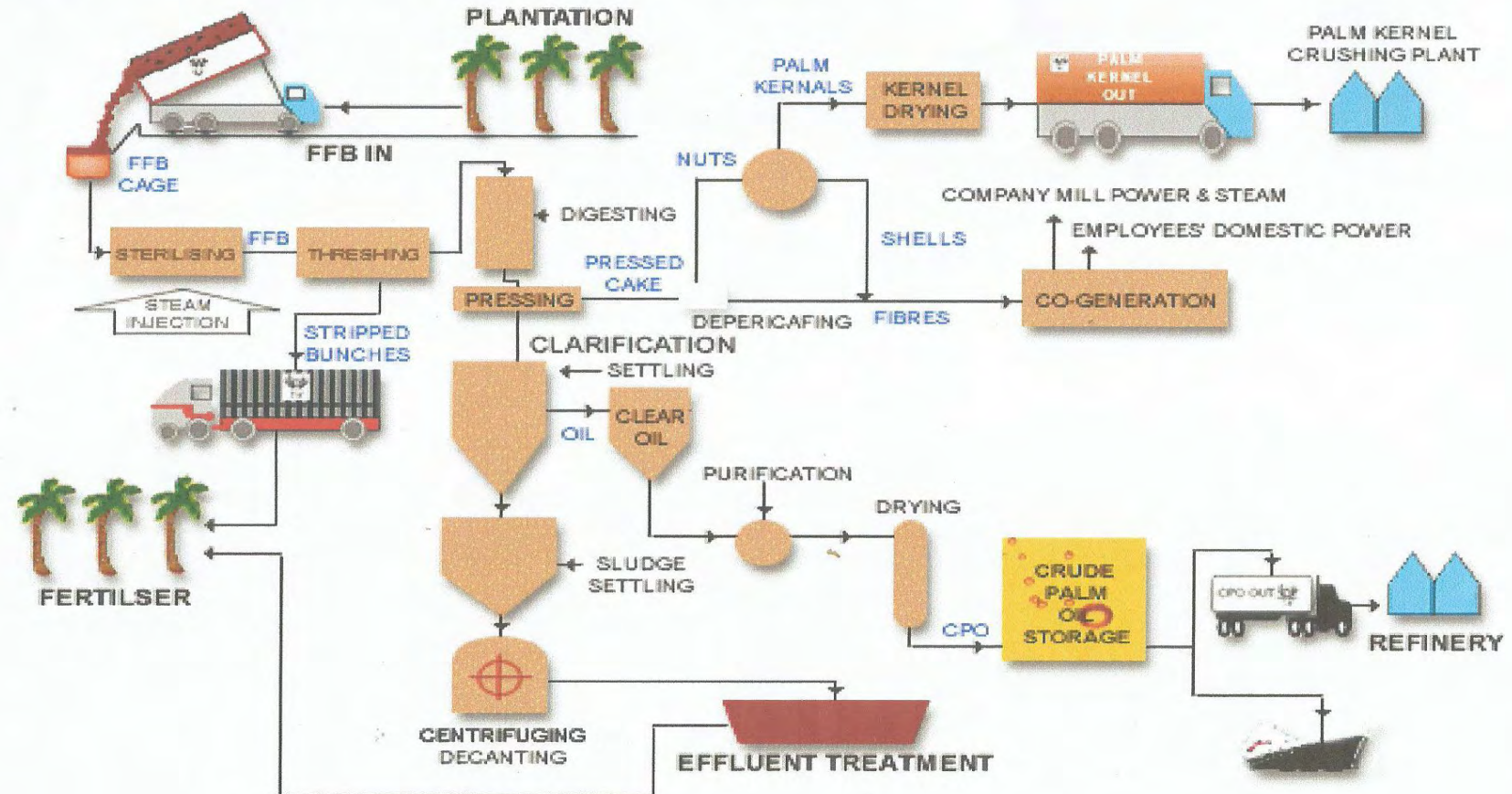
No.	STERILIZER W-1				STERILIZER W-2			
	Start Time	Start Date	End Time	End Date	Start Time	Start Date	End Time	End Date
1	16:00	11/11	19:40	11/11	16:00	17:55	17:55	11/11
2	18:40	19:45	19:45	11/11	18:40	19:45	19:45	11/11
3	20:15	20:15	20:55	11/11	20:15	21:10	21:10	11/11
4	21:20	21:20	21:20	11/11	21:20	21:20	21:20	11/11
5	21:55	21:55	21:55	11/11	21:55	21:55	21:55	11/11





## MILL OPERATIONS

### Crude Palm Oil Milling Process







**CAGES**



**STERILIZER**



**OVERHEAD CRANE**



**THRESHER**



**PRESSING STATION**



**NUT CRACKING AND KERNEL STATION**



**CLARIFICATION STATION**

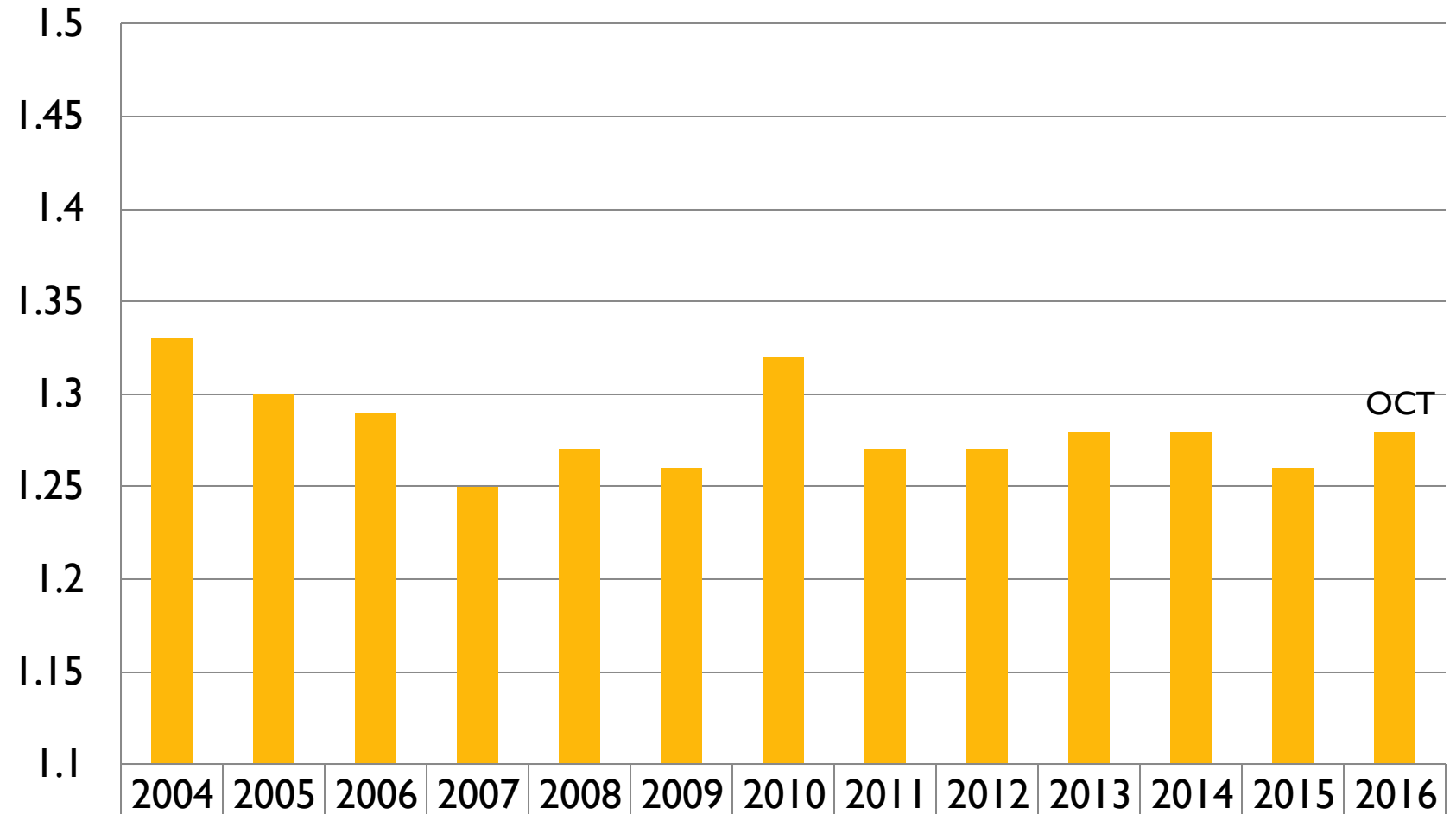


**BOILER**



# MILL LOSSES

## TOTAL OIL LOSS %



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
■ TOTAL OIL LOSS %	1.33	1.3	1.29	1.25	1.27	1.26	1.32	1.27	1.27	1.28	1.28	1.26	1.28



Quality  
Control

# QUALITY CONTROL





Quality  
Control

## FFB GRADING MANUAL (MPOB & BEA)



Attachment MOB - 131-09

BOUSTEAD ESTATES AGENCY SDN. BHD.  
KUALA LUMPUR  
SUBJECT : FFB GRADING STANDARDS AT MILLS

Preamble: These Standards are for use at the Mill.

The FFB grading standards are based on a quantitative system of grading FFB received. Ripeness standards are based on the number of fruitlets detached from a bunch and are set to grade bunches thought to be less desirable, e.g. under ripe bunches, and which lower the Mill's oil extraction rates and oil quality.

Objective: To set standards in the grading of fresh fruit bunches (ffb) at the Mill ramp.

Policy: To assist in identifying origin and quantity of differing quality ffb delivered to the mill, and to provide valuable independent feed back on ffb quality to contributing estates.

Sampung Scheme

FFB received at the mill should be sampled on a) quantity of FFB received from individual estates, and b) variation in quality received from particular estates.

About 50 -100 bunches at random per sampling batch shall be graded. The sample taken should represent the top, middle and bottom portions of the consignment.

The minimum sample size of each consignment to be graded should be determined based on the following criteria:-

- If the net weight of the consignment is less than 5 tonnes, the minimum sample size should be 50 bunches.
- If the net weight of the consignment is 5 tonnes or more, the minimum sample size should be 100 bunches. Mills are advised to perform 100% sampling per consignment as often as possible.

The sample size must be practical and able to detect any change in the bunch quality, especially the degree of ripeness at 95% level of confidence.



Quality  
Control

SUNGAI JERNIH PALM OIL MILL

MPOB NO: 500811330400

Summary Report For FFB Quality By Supplier

Period : 01/01/2016 to 31/10/2016

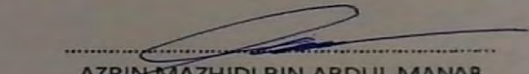
Supplier Name : **OVERALL**

Month	No of Loads		Tonnes	Unclassifiable			Ripeness (%)					Unstatisfactory (%)						
	Received	Inspected		Tonnes (Loads)	Mt.	Under		Over			Rotten	Long Stalk	Pest Dama	Poor Fruit	Disease	Dirty	Dura	
						Unripe	Ripe	Ripe	Ripe	Empty								
Jan-16	494	370	5488.13		0.51	27.81	0	9	5	86	0	0	3	7	5	3	2	1
Feb-16	549	390	5625.73		1.13	63.36	0	9	6	85	0	0	3	6	5	4	3	1
Mac2016	679	452	7089.12		0.22	15.61	0	9	5	86	0	0	3	6	5	3	3	1
Apr-16	481	287	4769.91		0.09	4.06	0	8	4	88	0	0	3	6	4	3	2	1
May-16	802	412	8548.07		0.13	10.77	0	6	5	89	0	0	1	5	4	3	3	1
Jun-16	751	450	8464.04		0.21	18.07	0	8	4	88	0	0	2	7	4	3	2	1
JULY-16	846	475	9890.21		0.10	10.20	0	7	5	88	0	0	2	6	4	3	2	1
Aug-16	978	561	11713.83		0.17	19.69	0	8	4	88	0	0	2	5	4	3	2	1
Sep-16	1107	575	13472.85		0.67	90.83	0	6	6	88	0	0	2	5	3	3	3	1
Okt.16	1166	493	14061.86		0.12	16.30	0	6	5	89	0	0	2	5	3	2	3	1
	7853	4465	89123.75		0.31	276.70	0	8	5	87	0	0	2	6	4	3	2	1

BOUSTEAD RIMBA NILAI SDN. BHD. (346457-W)  
Kilang Kelapa Sawit Sungai Jernih

  
HAFIZAN BIN ABDUL HAMID  
Mill Fruit Inspector

BOUSTEAD RIMBA NILAI SDN. BHD. (346457-W)  
Kilang Kelapa Sawit Sungai Jernih

  
AZRIN MAZHIDI BIN ABDUL MANAB  
Manager/Engineer

C Mic Exc Overall 30111111 overall



Quality  
Control

## FFB RECEIVED





Quality  
Control

# FFB Grading



REJECT



Quality  
Control

**100% GRADING**







Quality  
Control



LOOSE FRUIT

13/10/2014 12:35



RECORDING



WEIGHING

**LOOSE FRUIT**



LOOSE FRUIT ANALYSIS



JOINT MILL & ESTATE



SEPARATION



Quality  
Control



**Unripes**



**Unclassifiable**

**REJECTED BUNCHES**



**REJECTED AREA  
(OUTSIDE MILL)**



**DUMP SITE**





M & R

# MAINTENANCE & REPAIRS

07/10/2016



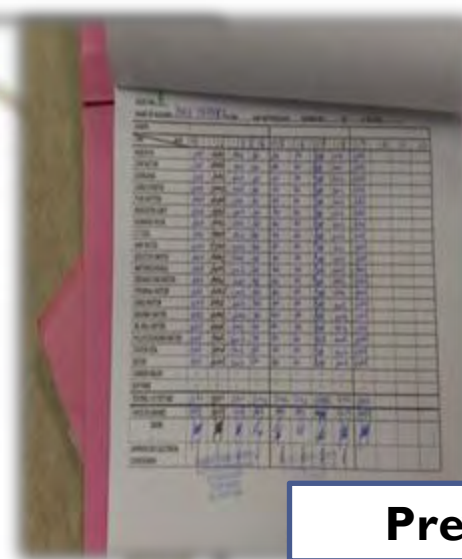
# Maintenance & Repair



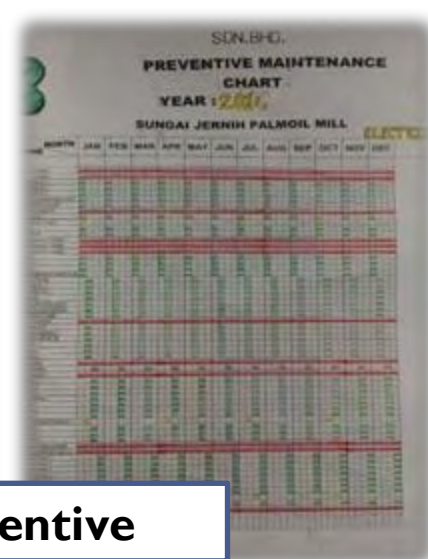
**Safety Briefing**



**Training**



**Preventive**



**Maintenance**



**Servicing**

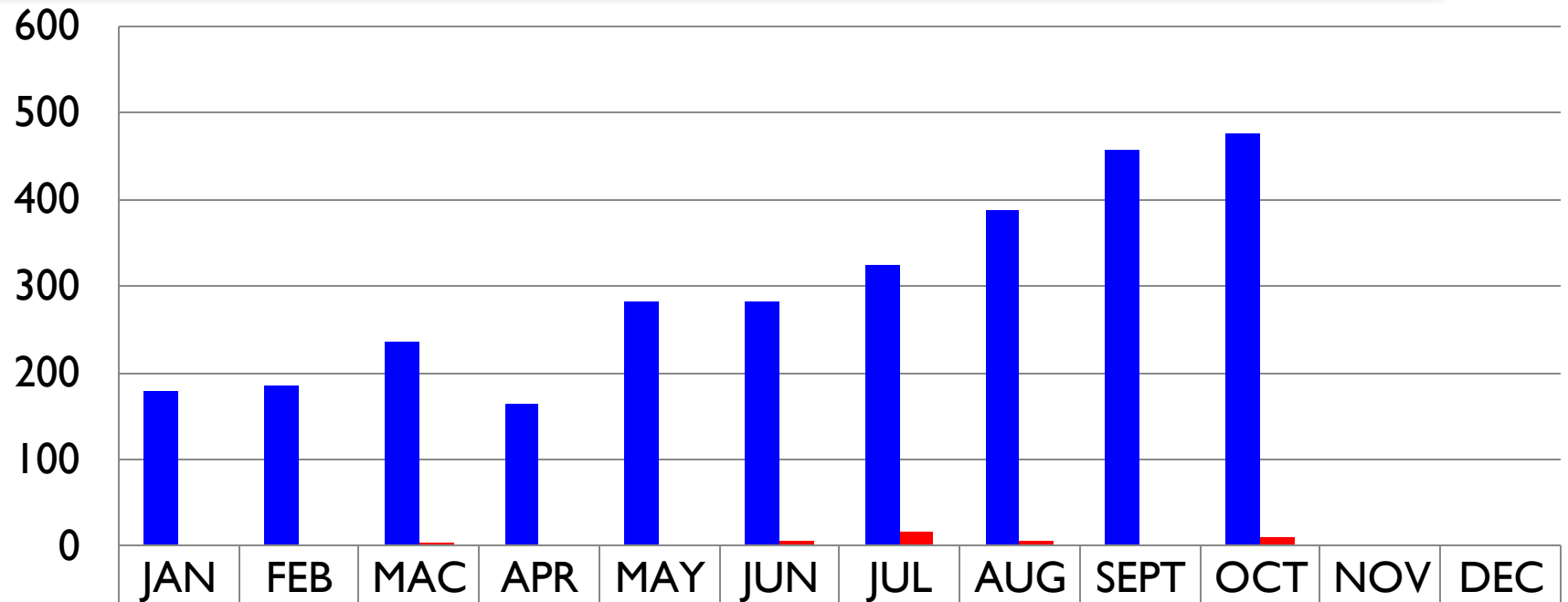




# FFB Processed Hours vs Breakdown Hours - 2016

Maintenance  
&  
Repair

HOURS



■ PROCESS HOUR	180	186	236	164	282	283	325	389	458	477		
■ BREAKDOWN HOUR	0	0	4	0	0	7	16	5	0	10		

MONTH	JAN	FEB	MAC	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TO DATE
FFB PROCESSED	5488	5626	7089	4770	8548	8464	9890	11714	13473	14062	-	-	89124
PROCESSED HOURS	180	186	236	164	282	283	325	389	458	477			2980
BREAKDOWN HOURS	0	0	4	0	0	7	16	5	0	10	-	-	42

**BREAKDOWN HOUR TODATE = 1.41%** \*JAN-OCT 2016



# COMPETENCY



## MANDATORY COMPETENCY

### COMPENTENCY

BI L	ENJIN STIM & DANDANG STIM GRED 1	ENJIN STIM & DANDANG STIM GRED 2	PENJAGA JENTERA ELEKTRIK A4	ENJIN PEMBAKARAN DALAM GRED 2	MILL FRUIT INSPECTOR
1	SHAMSUDIN B MARJU	JASNI B OMAR	KAMAROL ADZHA OTHMAN	MOHD NOR B ABAS	HAFIZAN B ABD HAMID
2	BAHARI B LAZI	M.FAIZAL MICHAEL ABDULLAH		M.SAHARUDDIN B MAT ISA	ROSLI B AHMAD
3		JAMAL NAZRI B RASMI			



## OTHER COMPETENCY

BIL	A.E.S.P	A.G.T	W.A.H	FIRST AIDER
1	NOR IQBAL SHAFFIQ AZMAN	NOR IQBAL SHAFFIQ AZMAN	NOR IQBAL SHAFFIQ AZMAN	SAFFULNIZAM B SULONG
2	MUHAMAD LAZIM B YUNUS	MUHAMAD LAZIM B YUNUS	JAMAL NAZRI B RASMI	MOHD NASYARUDIN B ISMAIL
3	M.SAHARUDDIN B MAT ISA			AHMADJAMAIDI B M.GHAZALI
4	M.FAIZAL MICHAEL ABDULLAH			
5	MOHD NOR B ABAS			
6	W.M.SHAPEE W.SULAIMAN			
7	ABDUL SAMAD B BAHAROM			
8	M.AMIRUDDIN B GHAZALI			
9	RAMAN ADAM B ABU SAMAH			

**A.E.S.P : AUTHORISED ENTRANT & STANDBY PERSON**

**A.G.T : AUTHORISED GAS TESTER**

**W.A.H : WORK AT HEIGHT**



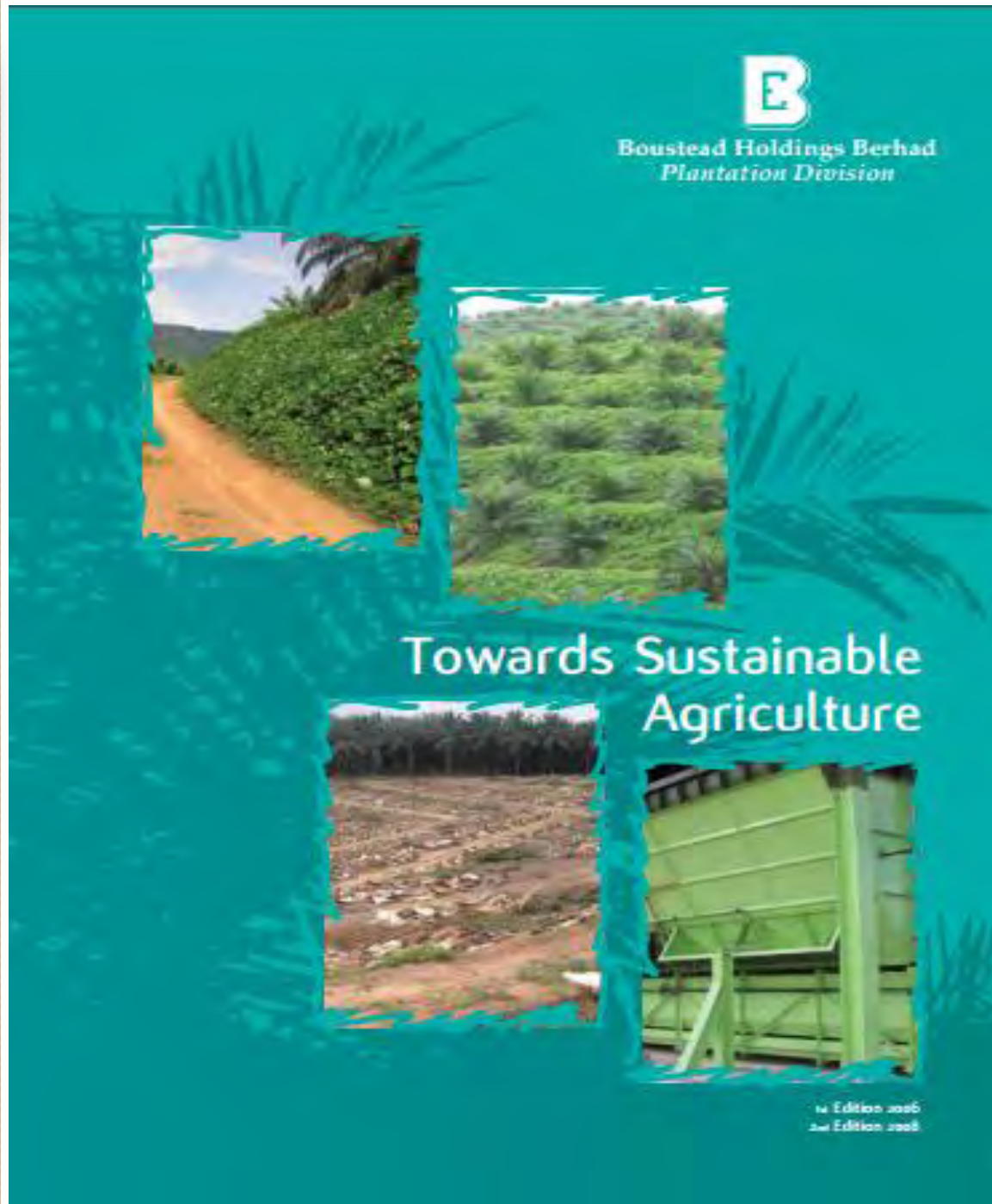


**GAP**

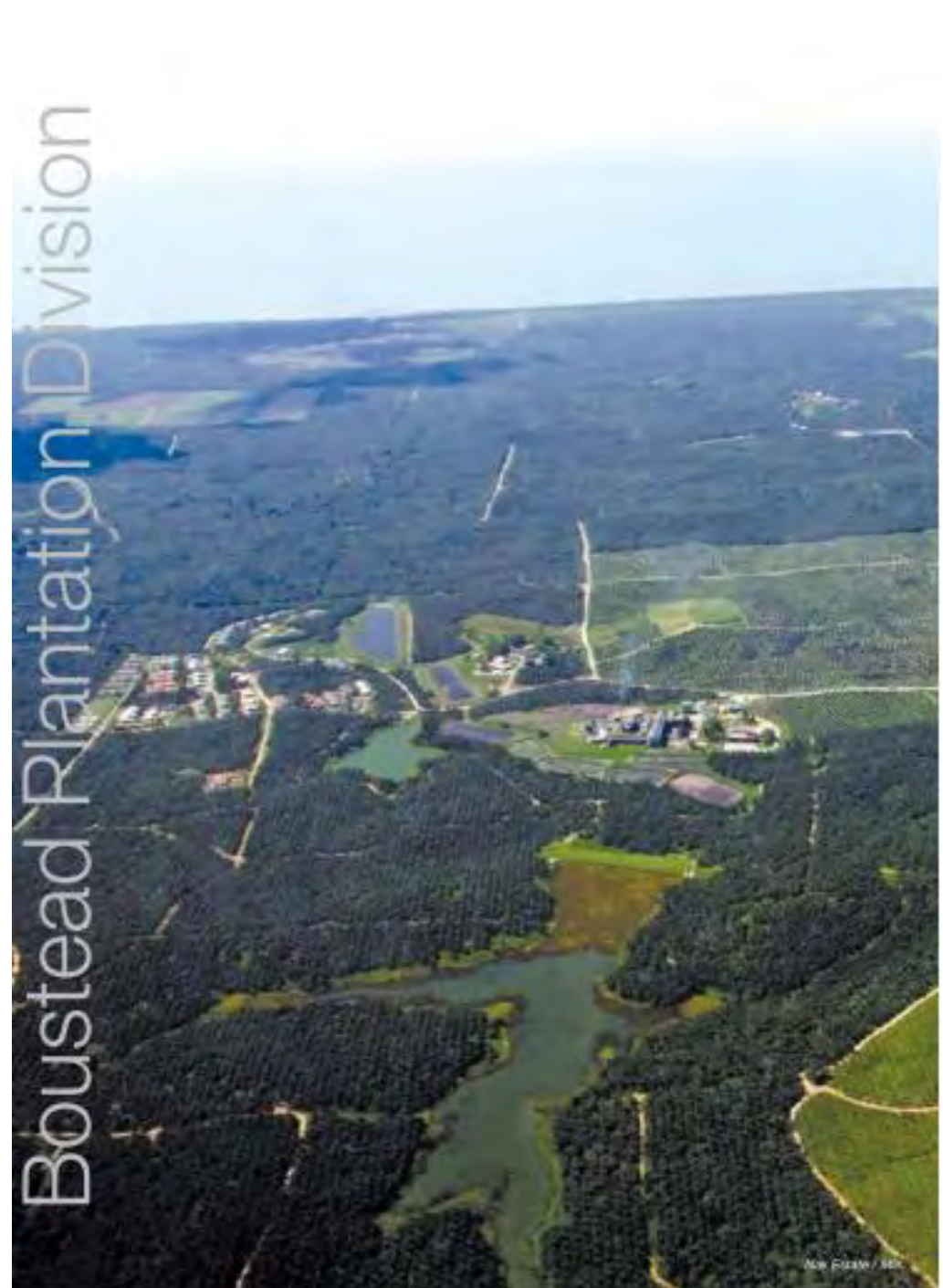
# **GOOD AGRICULTURE PRACTICES (GAP)**



GAP



Boustead Plantation Division

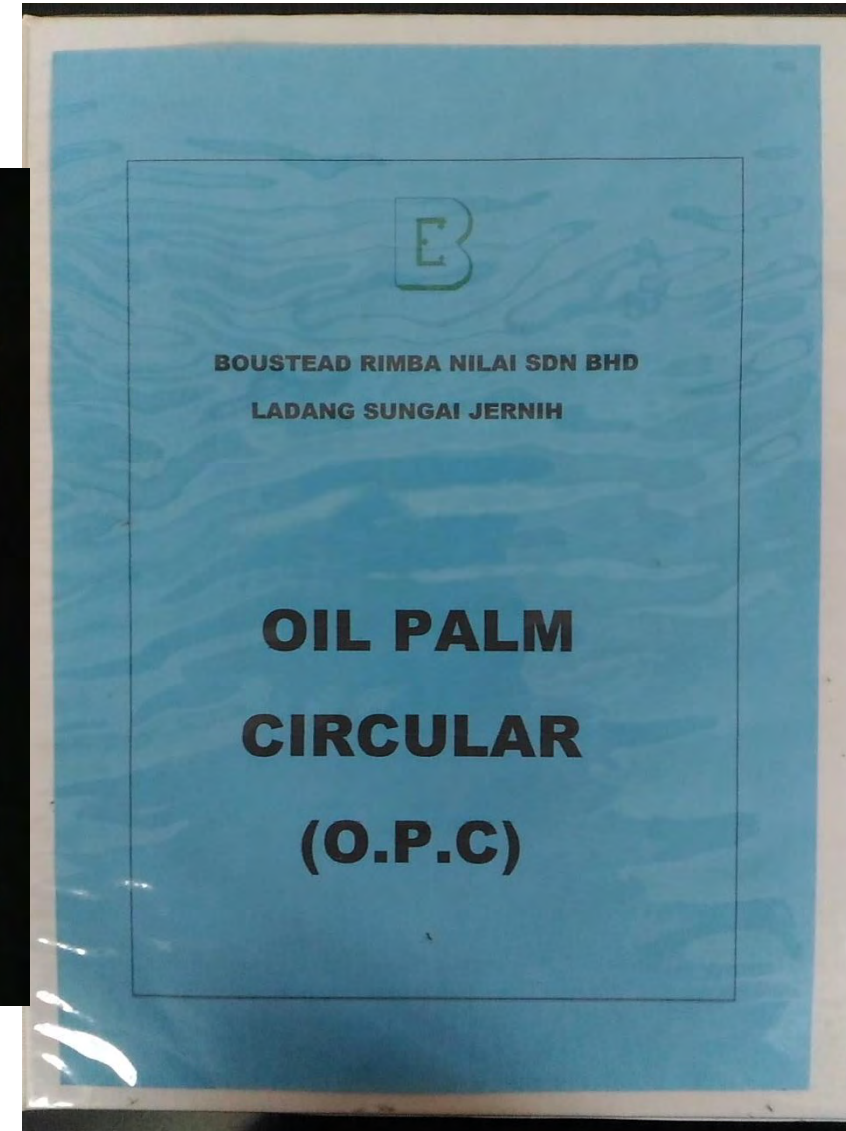
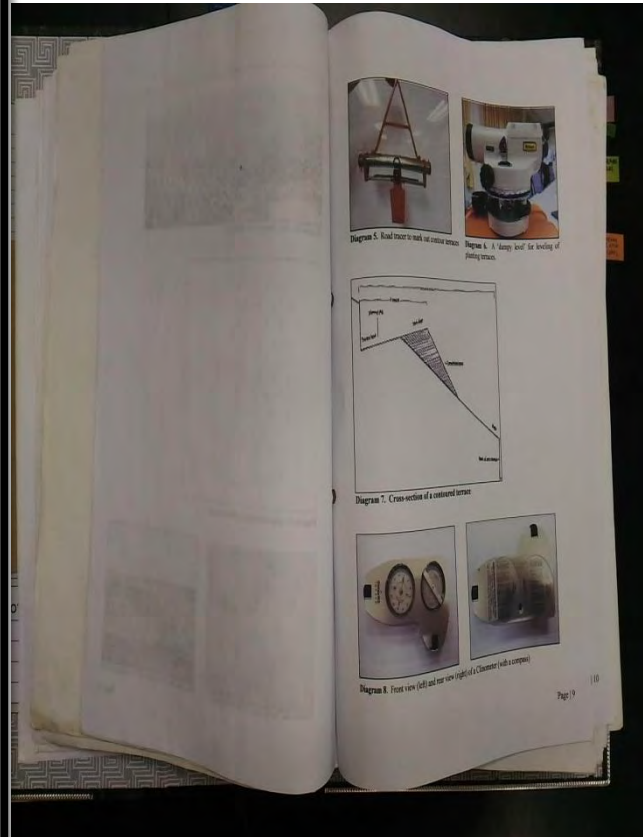


# RIPENESS STANDARD & HARVESTING STANDARD



O.P.C

<u>INDEX</u>				
<u>OIL PALM CIRCULARS</u>				
PROGRAMMING	1. OPC A	ORGANISATION FOR PLANTING	Sep'99	
WEEDING	2. OPC 01.b	WEED MANAGEMENT IN OIL PALM	Jun'02	
	3. OPC 01.c	MIKANIA ERADICATION AND CONTROL	Oct'97	
	4. OPC 02.a	LALLANG ERADICATION AND CONTROL	Dec'97	
LALLANG	5. OPC 03.b	APPLICATION OF FERTILISERS	Apr'96	
MANURING APPLICATION	6. OPC 03.c	MECHANICAL APPLICATION OF FERTILIZER	Jun'98	
	7. OPC 04.a	MANAGEMENT OF GANODERMA BASAL STEM ROT	July'12	
PEST & DISEASES	8. OPC 04.b	RAT CONTROL IN OIL PALM	Jan'02	
	9. OPC 04.c	EPIPHYTE ERADICATION	Mar'98	
	10. OPC 04.f	MANAGEMENT OF RHINOCEROUS BEETLE	Aug'04	
	11. OPC 04.g	CONTROL OF LEAF EATING CATERPILLARS	Oct'98	
	12. OPC 04.h	MANAGEMENT OF TERMITES IN YOUNG OIL PALM PLANTED ON PEAT	Jun'02	
	CENSUS & THINNING OUT	13. OPC 05.a	PALM CENSUS	Dec'97
		14. OPC 05.b	THINNING OUT	Jun'97
	DRAINS	15. OPC 06.a	DRAINING IN OIL PALM	Mar'98
ROAD & BRIDGES	16. OPC 07.a	LAND PREPARATION AND CONSTRUCTING MECHANISATION PATHS	Oct'98	
SOIL/WATER CONSERVATION	17. OPC 08.a	SOIL CONSERVATION AND WATER MANAGEMENT	Apr'96	
	18. OPC 08.b	MULCHING	Dec'94	
BOUNDARIES,	19. OPC 09.c	ESTATES MAPS	Sep'99	





## 1 Zero-burn technique - Replanting oil palm to oil palm

The zero-burn replanting technique is now a standard practice for all oil palm replanting within Bousteed Plantations.

**GAP**

The **Telok Sengat Estate Zero-Burn Technique**, developed by Bousteed Plantations, involves mechanical pulverization of the entire palm biomass and spreading these evenly over the field. The root mass around the hole is also dug up.



*Chipping oil palms*



*Pulverising palm chips*





GAP

## .2 Soil and water conservation management



*Semi-permanent weir water management*



*Natural pond riparian reserves in Segaria Estate*

## .3 Mechanisation



CANTAS



MTG



SUPER BULL



GAP

## 4 Harvesting and Crop Quality



## 5 Establishment of leguminous cover crops.





GAP

## 6 Use of AA+ Mulch™ (reduce circle spraying / labour for upkeep)



AA+ Mulch™ used on flat land at time of planting

## 7 Integrated Pest Management in Oil Palm

Beneficial plants to attract predators of pests



Barn owls to control rats population





GAP

## .8 Recycling of mill by-products

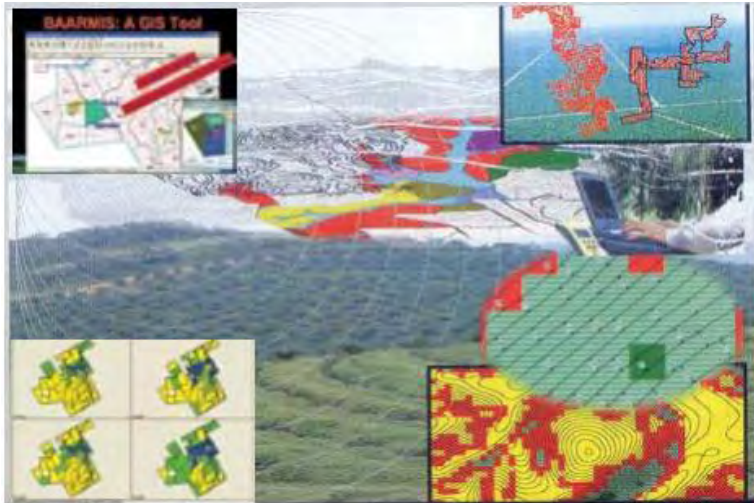


## .9 Fertilizer management model based on nutrient balance approach



*Mechanical fertilizer application in matured oil palm*

## 10 Application of GIS, GPS and remote sensing in plantation crops



*GIS / GPS mapping for estate*

## 11 Advanced and Improved Planting Materials



*Clonal palm ramets planted in big bags*





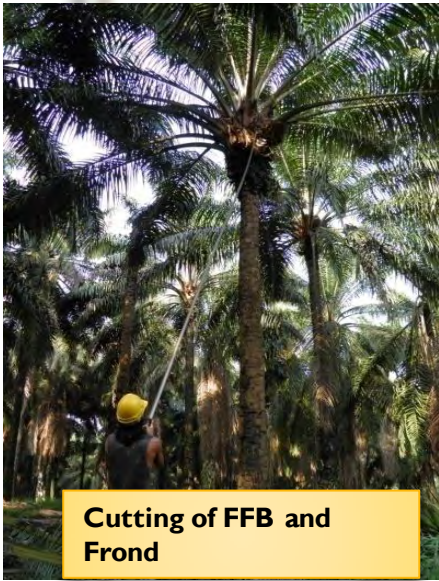
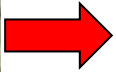
GAP

# Process - Flow

## Fresh Fruit Bunch (FFB) harvesting to Despatch of FFB to Mill



Ripe FFB



Cutting of FFB and Frond



Frond Stacking



Cutting Bunch Stalk



Loose fruit collection



Loading FFB into trailer



Loading FFB into tractor



Despatch FFB to SJPOM



Sg. Jernih Palm Oil Mill



**TEAMWORK, ATTITUDE, SKILL & KNOWLEDGE**

**T.A.S.K**



TASK



# THE WAY FORWARD

**T**, **A**ttitude, **S**kills And **K**nowledge (**T.A.S.K**)  
To Ensure Business Unit's Result  
On A Sustained Basis

Teamwork



TASK



**FFB Quality (Joint Grading)**

**Unripe bunch**



i.e



**LONG STALK & STONE**



TASK



**FFB Quality**  
**Joint Grading**  
**in Estate**  
**Training**  
**&**  
**Refresh**





TASK



“KLON SAWIT YANG BAIK BELUM PASTI DAPAT MEWUJUDKAN PENGHASILAN PRODUKTIVITI YANG BAIK, JIKA TIDAK DIWUJUDKAN SUASANA KILANG DAN LADANG YANG MEMPUNYAI KEFAHAMAN, TOLAK-ANSUR SERTA KERJASAMA YANG BAIK DAN BERTERUSAN DI SEMUA PERINGKAT”

## FFB QUALITY TRAINING





TASK

# MILL COORDINATING COMMITTEE MEETING (MCCM)

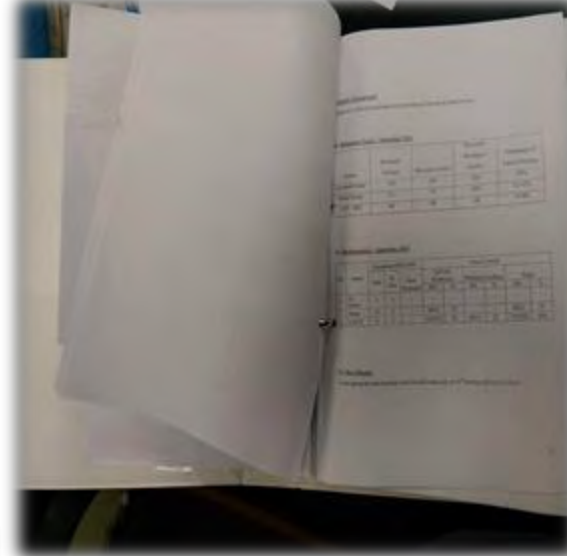


BU JERANG PALEM OIL MILL  
MCCM Co-ordinating Committee Meeting

Date: 15/08/2024  
Time: 10:00 AM  
Location: 10/0000 Meeting Room

Attendees: 20

No	Name	Job Title	Signature
1	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
2	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
3	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
4	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
5	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
6	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
7	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
8	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
9	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
10	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
11	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
12	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
13	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
14	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
15	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
16	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
17	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
18	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
19	Abdullah bin Yusoff	Asst. Mgr.	[Signature]
20	Abdullah bin Yusoff	Asst. Mgr.	[Signature]



# Human Resource Development



H.R.D



Field day training on nursery techniques







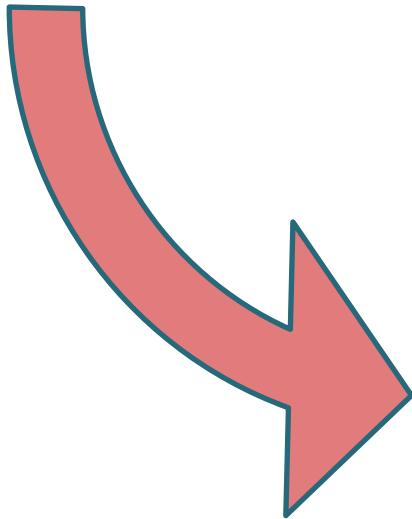
# THE MOVING FORWARD

**TRAININGS**

**QMS(QAM & MOM)**

**OSHA + ENVIRONMENTAL**

**SUSTAINABILITY**



**CHANGE MINDSET**





## TRAINING LIST

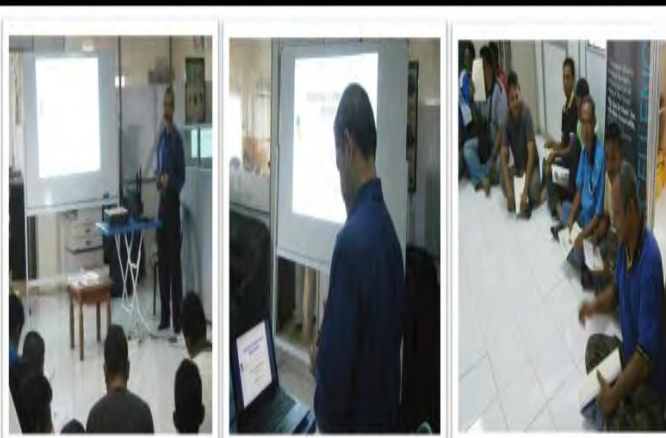
NO	NAME OF TRAINING	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
1	AESP (Authorised Entrant And Standby Person For Confined Space)		16.02 / 12.07 & 02.12.2016		FEB / JULY & DEC	
2	AGT (Authorised Gas Tester And Entry Supervisor For Confined Space)	25.11.2015		NOV		NOV
3	WAH (Working At Height)		12.04.2016		APR	
4	First Aider		08 & 09.03.2016			
5	Chemical Handling / MSDS		25.03.2016			MAC
6	Noise Exposure Monitoring	03.11.2015		NOV		NOV
7	Audio Metric Test		06.2016			
8	Chemical Health Risk Assessment (CHRA)					NOV
9	Domestic Waste Management		09.06.2016	JUNE	JUNE	JUNE
10	Hearing, PPE & Heat Stress		04.04.2016		APR	
11	Fire Drill		22.02.2016			
12	Chemical Monitoring	04.04.2015	04.04.2016	APR	APR	APR
13	PERKESO		26.02.2016			
14	Steam Plant (Boiler & Turbine)	19.04.2015	03. 11. 2016			
15	Supply Chain	04.05.2015	04.05.2016	MAY	MAY	MAY



# TRAINING



## TRAINING BAHAN KIMIA MARCH 2016



### HEARING CONSERVATION PROGRAM, PERSONAL PROTECTIVE EQUIPMENT (PPE) & HEAT STRESS COURSE



### TRAINING FIRST AIDER MARCH 2016





## AUXILIARY POLICE TRAINING



## Fire Drill Training(PKK)



TRAINING



TRAINING

# DOMESTIC WASTE TRAINING





**TRAINING**



**DESPATCHING TRAINING**





**“Quality Of Work**

**Come From**

**Quality Of Life”**





**FACILITIES  
&  
WELFARE**

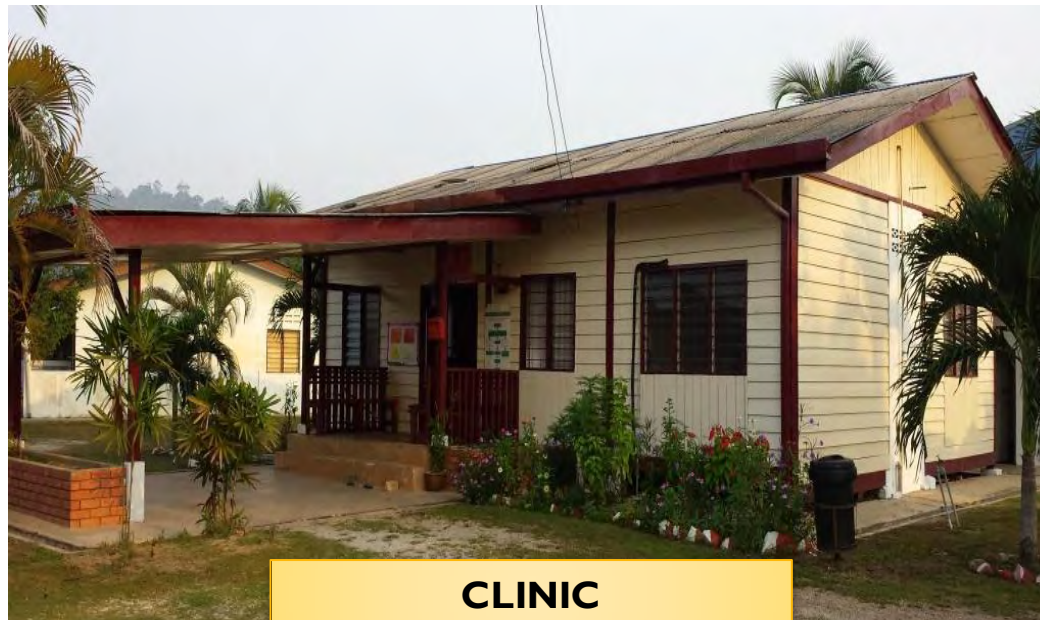


**CRECH**



**MOSQUE**

**FACILITIES**



**CLINIC**





**FACILITIES  
&  
WELFARE**



**WORKER & STAFF HOUSING**





FACILITIES  
&  
WELFARE



## SCHOOL TRANSPORTATION





FACILITIES  
&  
WELFARE

## SOCIAL ACTIVITIES



**GOTONG - ROYONG**



**DOMESTIC WASTE DISPOSAL**





FACILITIES  
&  
WELFARE



K.S.R(KSSJ) BUSINESS UNIT



FACILITIES  
&  
WELFARE

# Persatuan Wanita Sungai Jernih

## .E.W.A.N.I.S

Wakil Pos Paloh Hina, 26650 Pekan,  
Pahang Darul Makmur.  
Tel : 09-5460712/92 Fax : 09 - 546 0071





# ACHIEVEMENT





## ACHIEVEMENT





ACHIEVEMENT







**“We Are Not The Best In Practices**

**But**

**We Are Sharing The Good Practices”**

*“EN.AZRIN MAZHIDI BIN ABDUL MANAB “  
Mill Manager Sg Jernih Palm Oil Mill*



**TERIMA KASIH**



**THANK YOU  
KILANG SAWIT SG JERNIH**