



## Production Highlights

### Quarterly Production – 9M/3Q2019

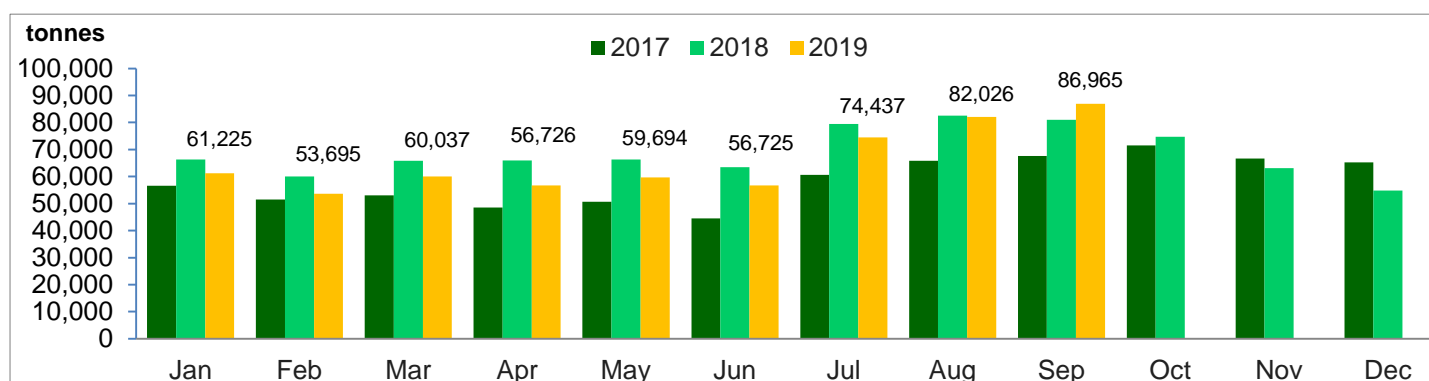
		9M2019	9M2018	Change	3Q2019	3Q2018	Change
<b>Production</b>							
FFB harvested	(tonnes)	2,468,316	2,566,218	(3.8%)	1,012,520	982,653	3.0%
<b>Nucleus</b>		<b>2,202,515</b>	<b>2,286,553</b>	<b>(3.7%)</b>	<b>893,327</b>	<b>877,121</b>	<b>1.8%</b>
<b>Plasma</b>		<b>265,801</b>	<b>279,665</b>	<b>(5.0%)</b>	<b>119,193</b>	<b>105,532</b>	<b>12.9%</b>
Crude Palm Oil	(tonnes)	591,530	630,982	(6.3%)	243,428	242,924	0.2%
Palm Kernel	(tonnes)	135,581	143,173	(5.3%)	55,547	55,091	0.8%
<b>Efficiency</b>							
FFB Yield	(tonnes/ha)	12.5	13.4	↓	5.1	5.1	—
CPO Yield	(tonnes/ha)	2.9	3.1	↓	1.2	1.2	—
CPO Extraction Rate	(%)	23.1	23.0	↑	23.3	23.0	↑
PK Extraction Rate	(%)	5.3	5.2	↑	5.3	5.2	↑

Figures may not sum due to rounding.

### Monthly Production in 2019 ('000 tonnes)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FFB Harvested	258	224	242	236	250	246	315	343	354
<b>Nucleus</b>	<b>231</b>	<b>203</b>	<b>220</b>	<b>211</b>	<b>223</b>	<b>221</b>	<b>281</b>	<b>303</b>	<b>309</b>
<b>Plasma</b>	<b>27</b>	<b>21</b>	<b>22</b>	<b>25</b>	<b>27</b>	<b>25</b>	<b>34</b>	<b>40</b>	<b>45</b>
CPO	61	54	60	56	60	57	74	82	87
PK	14	13	14	13	13	13	17	19	20

### CPO Production Trend



#### Notes:

- FFB: Fresh Fruit Bunches
- Nucleus: Plantations owned by the Group
- Plasma: Plantations developed by the Group for the benefit of smallholders. The Group buys FFB from these plasma plantations at prices determined by the Indonesian Government.
- Yields: FFB yield and CPO yield are for the reported period and not annualised.