



Production Highlights

Quarterly Production – 9M/3Q2019

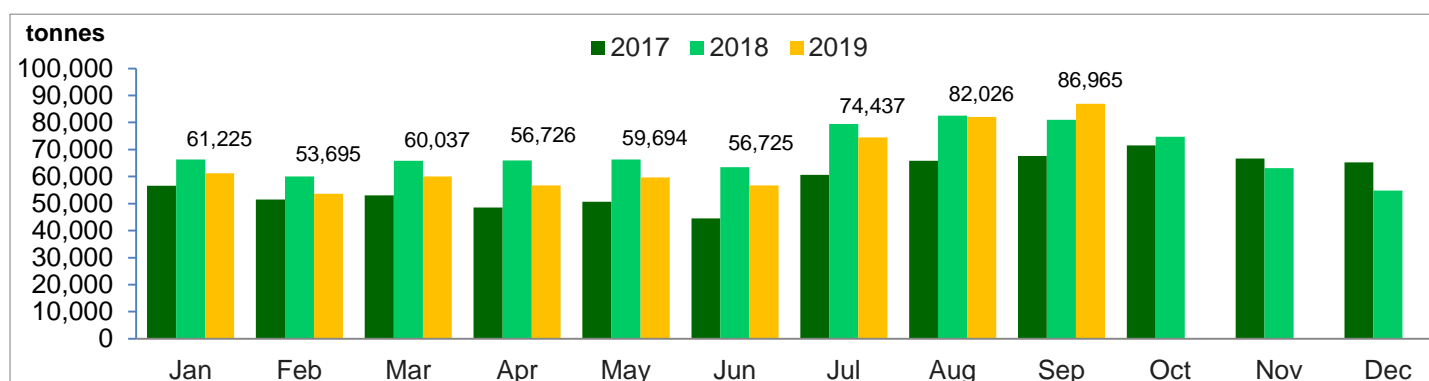
		9M2019	9M2018	Change	3Q2019	3Q2018	Change
Production							
FFB harvested	(tonnes)	2,468,316	2,566,218	(3.8%)	1,012,520	982,653	3.0%
Nucleus		2,202,515	2,286,553	(3.7%)	893,327	877,121	1.8%
Plasma		265,801	279,665	(5.0%)	119,193	105,532	12.9%
Crude Palm Oil	(tonnes)	591,530	630,982	(6.3%)	243,428	242,924	0.2%
Palm Kernel	(tonnes)	135,581	143,173	(5.3%)	55,547	55,091	0.8%
Efficiency							
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
Nucleus	231	203	220	211	223	221	281	303	309
Plasma	27	21	22	25	27	25	34	40	45
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.