

## DATASHEET FOR ENGINEERS - MASS BALANCE TO FFB

		Losses (kg)	Weight (kg)	%
<b>FFB input</b>			<b>45 000</b>	<b>100</b>
Sterilization	Moisture loss	5 355	-	11.9
	Condensate oil	45	-	0.10
	Sterilized bunches	-	39 600	-
Threshing	Empty bunches	10 350	-	23
	Fruitlets - 1 <sup>st</sup> threshing	-	29 700	66
	Fruitlets - 2 <sup>nd</sup> threshing	-	10 350	1
Pressing	Press cake	15 300	-	34
	Undiluted crude oil	-	15 750	35
	Water dilution	13 500	-	30
	Dilute crude oil	-	29 250	65
Clarification	Purifier feed (40% to crude)	11 700	-	26
	Production oil	-	9 900	22
Decanter	Decanter feed	22 500		50
	Oil phase (19% to decanter feed)	-	4 275	10
	Cake (69% to decanter feed)	2 700	-	6
Depericarper	Fibre	8 550		19
	Nut	-	5 400	12
Nut cracking	Cracked mixture	5 400	-	12
	Shell	2 862	-	6
	Kernel	-	2 538	6