

# ***Trial results***



## Two kids trials

### Aim

Compare the effect of a « four oils blend » to a « two oils blend » KMR

-« Four oils blend » : palm, coconut, rapeseed and soya oil

-« Two oils blend » : palm, coconut



# First trial

	KMR « four oils »	KMR « two oils »	KMR « four oils » / KMR « two oils »
	22.4 / 23.6 Skimmed milk : 0 % Veg CP / total CP= 36 %	22.0 / 24.0 Skimmed milk : 0% Veg CP / total CP= 40 %	
<b>Number</b>	<b>186</b>	<b>184</b>	
<b>Mortality %</b>	<b>7.0</b>	<b>7.1</b>	
<b>Average starting body weight (kg)</b>	<b>4.23</b>	<b>4.23</b>	
<b>Average finishing body weight (kg)</b>	<b>11.08</b>	<b>10.55</b>	
<b>Gain (kg)</b>	<b>6.85</b>	<b>6.32</b>	
<b>Dressing percentage</b>	<b>55.86</b>	<b>55.11</b>	
<b>Duration (d)</b>	<b>37</b>	<b>37</b>	
<b>Feed Intake (kg)</b>	<b>9.04</b>	<b>8.53</b>	
<b>ADG (g/d)</b>	<b>185</b>	<b>169</b>	<b>+ 9.5 %</b>
<b>FCR</b>	<b>1.32</b>	<b>1.37</b>	<b>- 3.65 %</b>
<b>Cost vegetable fat</b>			<b>+ 12.6 %</b>
<b>Additional cost of vegetables fat / kid</b>			<b>+0.21 €</b>
<b>Additional cost of veg. fat / T KMR</b>			<b>+ 30.0 €/T</b>
<b>Quantity of KMR economized / control</b>			<b>- 610 g</b>
<b>Economy KMR "four oils" / kid</b>			<b>- 0.63 €</b>

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## Second trial

	KMR « four oils »	KMR « two oils »	KMR « four oils » / KMR « two oils »
	22.3 / 24.4 Skimmed milk : 0 % Veg CP / total CP= 39.9 %	21.9 / 24.0 Skimmed milk : 0% Veg CP / total CP= 36.2 %	
Number	295	295	
Mortality %	6.44	9.15	
Average starting body weight (kg)	4.59	4.59	
Average finishing body weight (kg)	10.47	10.04	
Gain (kg)	6.85	6.32	
Dressing percentage	57.06	56.91	
Duration (d)	33.3	32.7	
Feed Intake (kg)	7.29	7.18	
ADG (gdj)	182	167	+ 9.0 %
FCR	1.24	1.30	- 4.6 %
Cost vegetable fat			+ 12.9 %
Additional cost of veg. fat / kid			+ 0.21 €
Additional cost of veg. fat / T KMR			+ 30.0 €/T
Quantity of KMR economized / kid			- 700 g
Economy KMR "four oils" / kid			- 0.54 €



## Discussion

### Technical results « Four oils » / « Two oils »

- ADG : + 9.2 %

- FCR : - 4.1 %

⇒ Higher digestibility with the KMR « Four oils »

### Economical results « Four oils » / « Two oils »

⇒ KMR : + 30 € / T

⇒ - 0.6 € / kid



**Thank you**

