

What Are the Kinds and Amounts of Lipids Reaching the Intestines of Cows?

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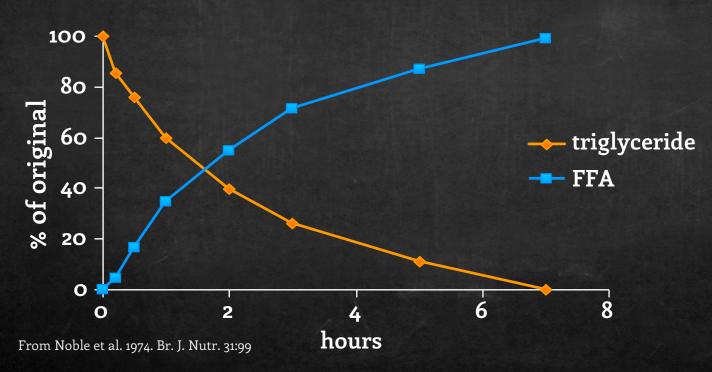
- Nonglycerol-based
 - Waxes
 - Alkanes
- Glycerol-based
 - Triglycerides
 - Phospholipid
 - Galactolipids



Galactolipid Phospholipid Glycerol Triglyceride C₁ OH OH OH OH C2 OH OH OH OH C₃ OH OH OH OH

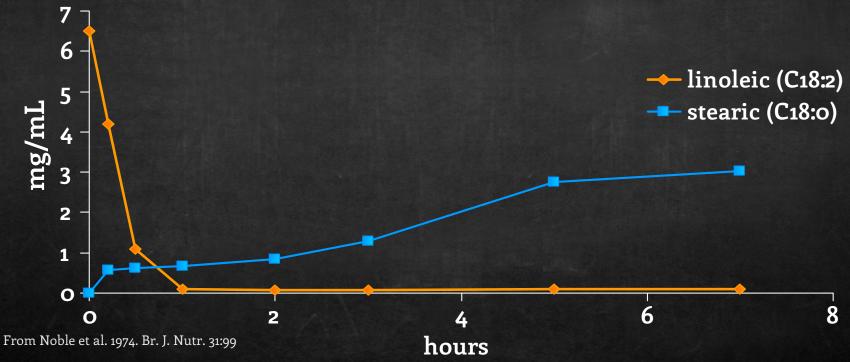


Lipolysis by Ruminal Microbes











	Intake g/d	
C12:0	10.44	
C14:0	11.11	
C16:0	206.89	
C16:1	5.23	
C18:0	40.53	
C18:1T	14.22	
C18:1C	225.28	
C18:2	343.49	
C18:3	78.32	
Other	19.11	
Ration	954.63	



	Intake g/d	Lipolysed g/d	Duodenal g/d
C12:0	10.44	10.16	10.44
C14:0	11.11	9.55	11.11
C16:0	206.89	160.13	219.31
C16:1	5.23	5.13	4.84
C18:0	40.53	35.38	526.48
C18:1T	14.22	13.32	76.98
C18:1C	225.28	188.39	74.99
C18:2	343.49	322.76	47.33
C18:3	78.32	75.50	4.27
Other	19.11	18.23	59.91
Ration	954.63	838.55	1035.68



