

# DAIRY SCIENCE 2007

*Meeting the challenges for pasture-based dairying*

## **Modelling composition targets for high-energy dairy pasture**

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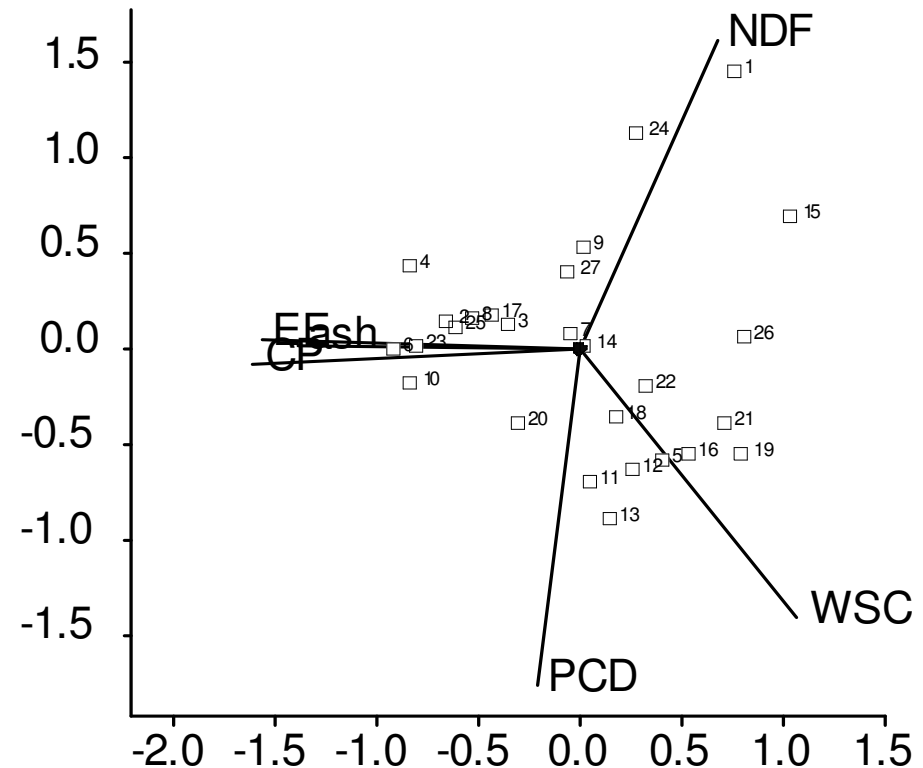
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## Does the mixture of absorbed nutrients change with increasing pasture ME content?

### Biplot analysis:

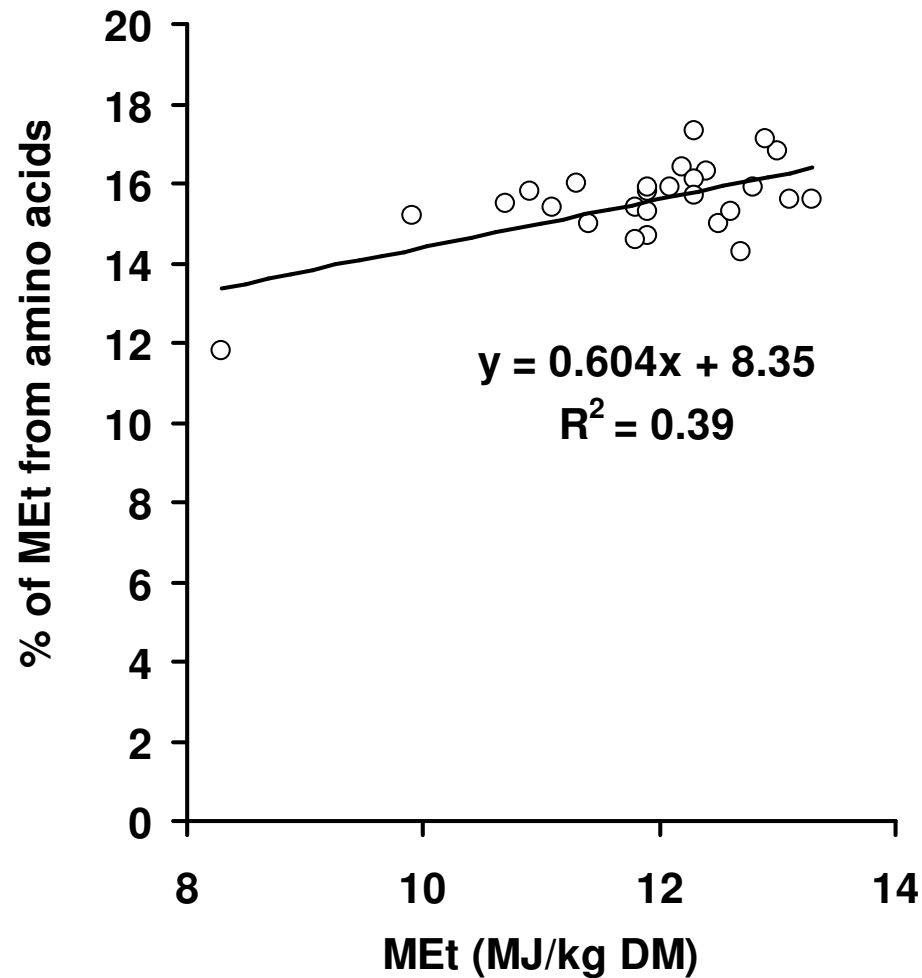
- 27 pasture samples
  - ASH
  - Crude protein
  - Ether extract
  - NDF
  - Water-soluble CHO
  - Pepsin-cellulase dig.





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## Modelling the composition of ME

- Little evidence that composition of ME changes with increasing ME content
- Wide variation in the contribution of fatty acids to ME, even with ME > 12 MJ/kg DM