

DAIRY SCIENCE 2007

Meeting the challenges for pasture-based dairying

Feed conversion efficiency and genotype by environment interaction: matching a cow with high feed conversion efficiency to a low input, pasture based environment

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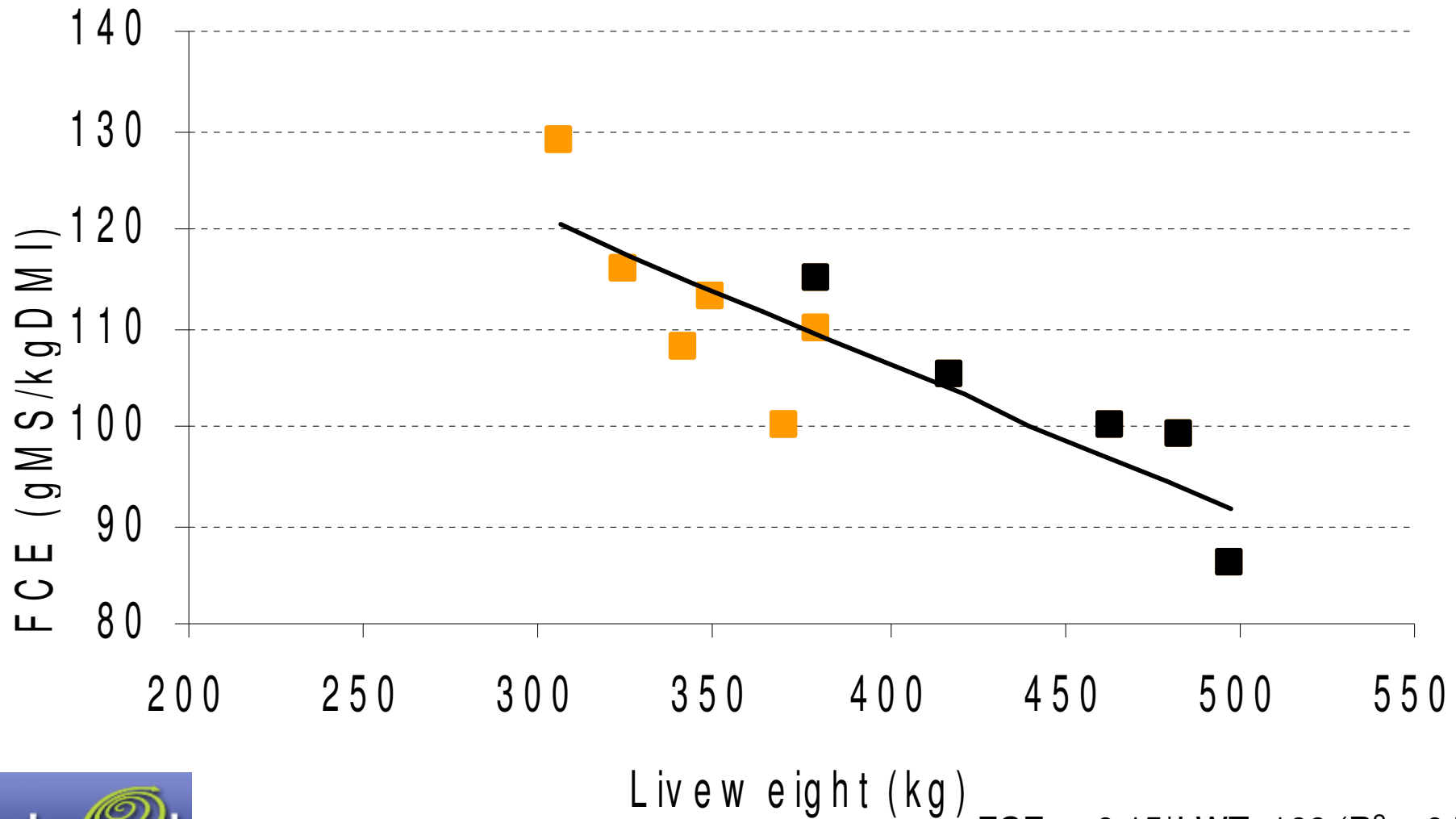
- The opportunity to \uparrow FCE
- Pasture intake key to \uparrow FCE
- A cow type for high FCE on pasture-based farms





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$$FCE = -0.15 \cdot LWT + 166 \quad (R^2 = 0.73)$$

(Adapted from: Grainger and Goddard (2004))