



Trees on livestock farms



WOODLAND
TRUST

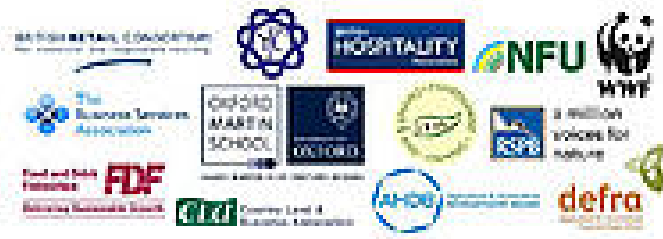




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Green Food Project Conclusions

July 2012



Government Office for **Science**

Foresight



The Future of Food and Farming: Challenges and choices for global sustainability

FINAL PROJECT REPORT

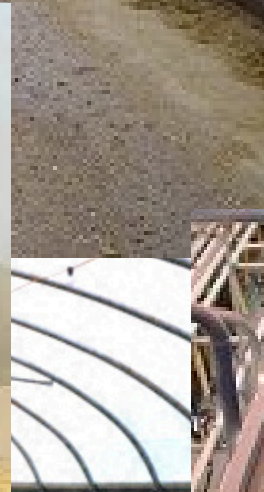


Fig. 5. Milking with electric machines. The work is generally done by hand







Heat stress reduces milk yield and fertility



Deciduous trees provide in field shade

Shelter from cold weather can increase feed conversion and reduce disease risk



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23 May 2011 Last updated

Dry spring
Cambrid

The long dry
 yields in p
 farmers h

Across
 April
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FARMERS WEEKLY INTERACTIVE

MAKING THE FARMING CONNECTION

Weather 21 August 17:12 pm
 Greater London
 Max: 25C Min: 13C

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'Hay and straw prices could be 40% higher this season'

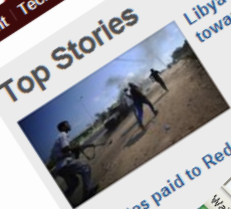
Suzie Horne
 Thursday 08 July 2010 06:00



Hay and straw
 higher than
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 low silage
 and an an
 2010 harv

Latest price
 Associati
 straw at £43

big square bale barley straw at £50-£80/t ex-farm. Hay price
 farm.



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Gemma Mackenzie
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**Soil erosion
is a cost to
the farm**



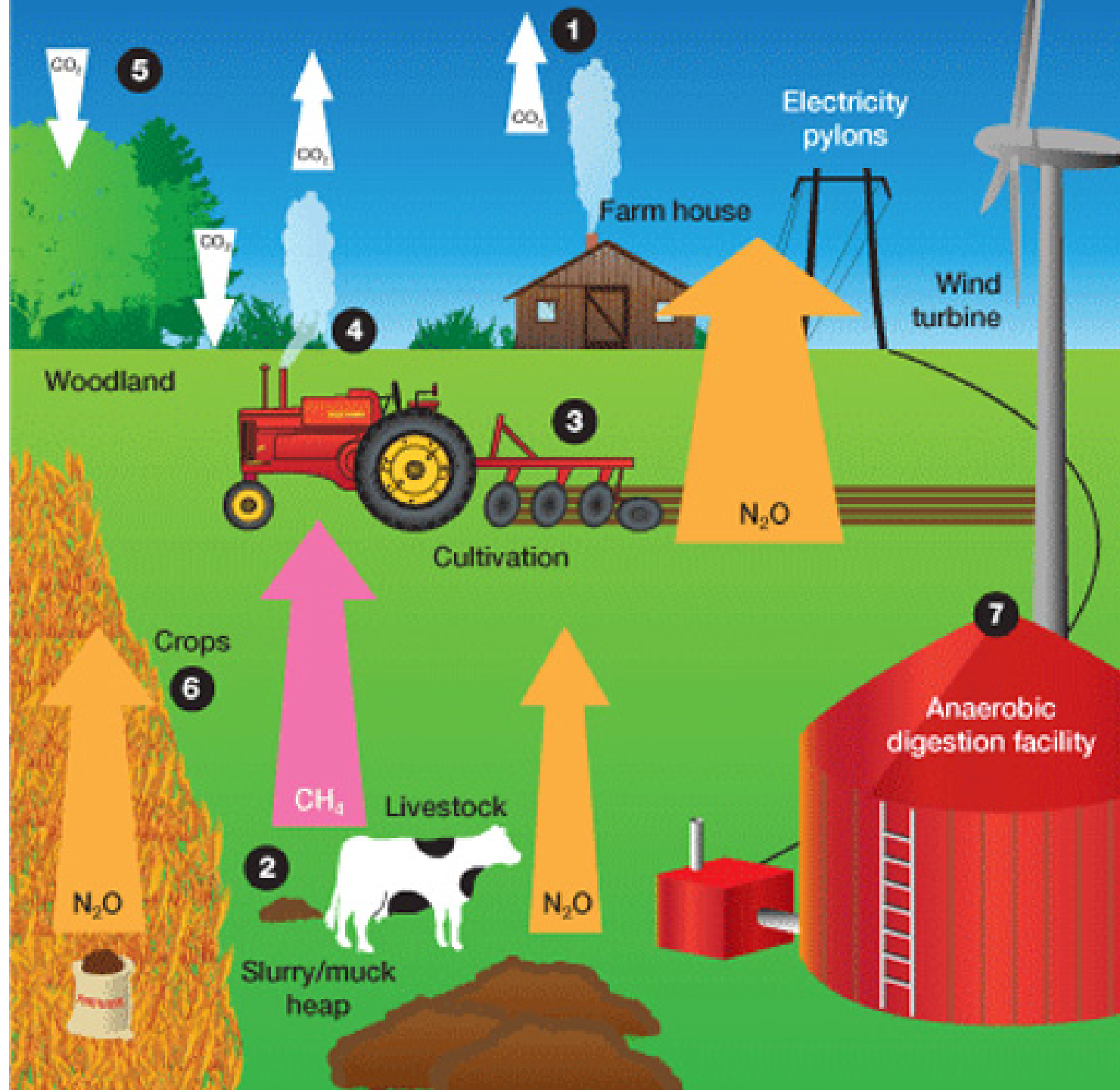












Trees store carbon









Wildlife

Potential benefits of trees for farms

- Improving animal welfare, reducing heat stress
- Help reduce erosion
- Help manage drought
- Support pollinators
- Capture greenhouse gas
- Capture ammonia
- Provide a source of renewable energy
- Provide shelter and reduce heating costs
- Produce timber
- Help wildlife

- Increasing production whilst also protecting and enhancing the natural environment
- Climate change and extremes of weather are likely to increase pressure on production
- Trees can support production, increase resilience and improve sustainability
- Benefits need to work at a farm scale
- Support needs to be flexible

