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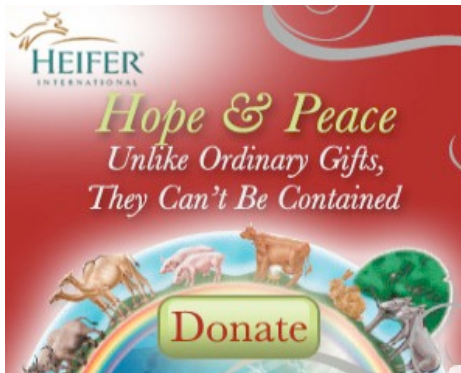
Why cows like to chew over things together

Research on cattle behaviour shows that they like to eat, stand and lie down at the same time as others

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About this article This article was published on [guardian.co.uk](#) at 16.30 GMT on Monday 12 December 2011. A version appeared on p37 of the EducationGuardian...

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Quotes

The researchers "**modelled the eating, lying and standing dynamics of a cow using a piecewise linear dynamical system ... We chose a form of coupling based on cows having an increased desire to eat if they notice another cow eating and an increased desire to lie down if they notice another cow lying down.**" This, they say, led...

Why cows like to chew over things together [Guardian.co.uk - Dec 12 2011]

...discovery: "**[We] showed that it is possible for cows to synchronise less when the coupling is increased.**"

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...was to realise "**it is biologically plausible to view [cattle] as oscillators ... During the first stage (standing/feeding), they stand up to graze but they strongly prefer to lie down and 'ruminate' or chew the cud for the second stage (lying/ruminating). They thus oscillate between two stages.**"

Why cows like to chew over things together [Guardian.co.uk - Dec 12 2011]

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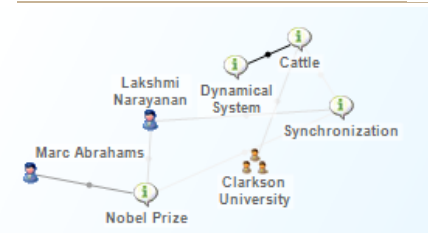
Arson suspected in blaze at state's largest beef processor

Arson is suspected in a blaze that destroyed 14 big-rig tractors and several trailers at California's Harris Farms cattle operation, the state's largest beef processor, the Sacramento Bee is reporting .Fresno County Sheriff's Department investigators ... [Published 18 hours ago by Los Angeles Times]

In Focus

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Can cows sense magnetism? The debate continues [Published Nov 14 2011 by Boing Boing]

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China trying to grow their dairy herd

China has set a goal to double the country's milk production to 64 million metric tons by 2020 as part of an overall plan to improve nutrition for its people. But getting there is proving to be a bit of a challenge, the Economic Times of India reports ... [Published 16 hours ago by Brownfield Network]

Entities: China, Cattle, Melamine, Genetics

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Entities: Cattle, Australia

In 2008, some scientists proposed that cows can sense magnetism and actually line up in fields along Earth's magnetic lines. It's the sort of paper that everybody in the media wants to talk about for, roughly, two weeks ... and then never mention ...

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Entities: Cattle, Canada

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Steve Collins

Miniature cows make a mouthful for farmers

MINIATURE pouches and micro-pigs have become the latest craze in Hollywood, but a pint-sized cow is the latest miniature sensation in farming in Ireland. The diminutive Dexter cows, which roam the Kerry mountains, are being bred for gourmet burgers for ... [Published 5 hours ago by Irish Examiner]

Entities: Cattle, Steve Collins, Group of Seven, Raidió Teilifís Éireann

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