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. Investigators...

- Dec 12 2011

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...

Published Dec 12 2011 by Guardian.co.uk

Why cows like to chew over things together

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]

...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]

Related Stories

LMC: 4% Decline In Cattle Kill Confirmed For 2011

NORTHERN IRELAND, UK - Last year was a remarkable year for deadweight cattle prices, according to the Livestock and Meat Commission of Northern Ireland. In Northern Ireland, prime cattle prices were generally 14 per cent higher than 2010 levels throughout ...

Entities: Cattle, Northern Ireland, Liquidation, Ireland

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 ...

Related Stories

First Reported 3 hours ago - Updated 28 mins ago - 2 Documents

First Reported Jan 09 2012 - Updated 18 hours ago - 7 Documents

Cows Love Jazz

Published Jul 27 2011 by Boing Boing

Are You Cattle?

Published Sep 20 2011 by The Big Picture Blog

Remote control car rounds up cows/stand off Ateleomimesis applies to Sheeple as well ...

PROBLEMS WITH COUNTING magnetic cows. "Others...

Published Nov 16 2011 by Instapundit

PROBLEMS WITH COUNTING magnetic cows. "Others have also had a look at the work that both teams did and have done some looking of their own, and most apparently, at least at this point, are siding with the first team, saying that there does indeed...

Nobody said anything about hunting with cows"

Published Sep 11 2011 by BuzzFeed

"Others have also had a look at the work that both teams did and have done some looking of their own, and most apparently, at least at this point, are siding with the first team, saying that there does indeed...

Cheap haircut? BAD. Cheap textbooks? GOOD.

Save up to 60% on e-textbooks

for iPad, PC, Mac. + Learn more

Cheap haircut? BAD. Cheap textbooks? GOOD.

Save up to 60% on e-textbooks

for iPad, PC, Mac. + Learn more


Page 1 of 2
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

Australia - Indonesian cattle import permits

The Northern Territory Livestock Association says the Indonesian Government has only issued import permits for 60,000 head of Australian cattle this quarter. ... [Published 14 hours ago by Meat Trade News Daily]

Entities: Cattle, Australia

Cow slaughter ban: Using ‘sensitivities’ to politically polarising ends works against democracy

Days after Madhya Pradesh’s tough law against cow slaughter received presidential assent, reports of a Muslim cattle trader in the state being assaulted by members of the Bajrang Dal, after he apparently refused to pay the latter money, reflect the pitfalls ... [Published 4 hours ago by Economic Times]

Entities: Sensitive, Cattle, Democracy

Klassen: Feeder cattle edge higher

Feeder cattle prices in Western Canada were steady to $2-$3 per hundredweight (cwt) higher during the first week of 2012. There is a market tendency for feeder prices to jump after the holiday season and this year was no exception. ... [Published 2 hours ago by Medicine Hat News]

Entities: Cattle, Canada

Miniature cows make a mouthful for farmers

MINIATURE pooches 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, Raidó Teilifís Éireann

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 ... 1 2 3 4 5 6 7 8 9 10

Audio/Video

sort by: Date | Relevance

Rare triplet dairy cows [Published Nov 16 2011 by CNN.com - Video]

Sea cows seek sanctuary [Published Sep 12 2011 by CNN.com - Video]

Cow gives birth to quadruplets [Published Jan 07 2012 by CNN.com - Video]

Cow patty bingo for charity [Published Nov 10 2011 by CNN.com - Video]

Japanese Cattle Farmers Worried About Radiation [Published Aug 06 2011 by WSJ.com Video - News] 1 2 3 4 5 6 7 8 9 10

Press Releases

sort by: Date | Relevance

Dairy cows, inside or out? [Published Nov 23 2011 by CisionWire - English]

Research and Markets: Cattle Medicine - A Fresh... [Published Aug 02 2011 by Business Wire Natural Resources News]


Research and Markets: Five-year Forecast and An... [Published Aug 25 2011 by Business Wire Natural Resources News]

How’s a Cow for a Stocking Stuffer? [Published Dec 05 2011 by Business Wire Retail News] 1 2 3 4 5 6 7 8 9 10

Ads by Google

1-800-CHARITY-CARS Award-Winning Vehicle Charity Full Retail Tax Deduction Possible 800CharityCars.org

First Reported 16 hours ago - Updated 2 hours ago - 2 Documents

Klassen: Feeder cattle edge higher

Feeder cattle prices in Western Canada were steady to $2-$3 per hundredweight (cwt) higher during the first week of 2012. There is a market tendency for feeder prices to jump after the holiday season and this year was no exception. ... [Published 2 hours ago by Medicine Hat News]

Entities: Cattle, Canada

First Reported 13 hours ago - Updated 4 hours ago - 3 Documents

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

First Reported Jan 09 2012 - Updated 14 hours ago - 3 Documents

Australia - Indonesian cattle import permits

The Northern Territory Livestock Association says the Indonesian Government has only issued import permits for 60,000 head of Australian cattle this quarter. ... [Published 14 hours ago by Meat Trade News Daily]

Entities: Cattle, Australia

First Reported Jan 09 2012 - Updated 16 hours ago - 4 Documents

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

First Reported 13 hours ago - Updated 4 hours ago - 3 Documents

Cow slaughter ban: Using ‘sensitivities’ to politically polarising ends works against democracy

Days after Madhya Pradesh’s tough law against cow slaughter received presidential assent, reports of a Muslim cattle trader in the state being assaulted by members of the Bajrang Dal, after he apparently refused to pay the latter money, reflect the pitfalls ... [Published 4 hours ago by Economic Times]

Entities: Sensitizer, Cattle, Democracy