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BIG NEWS



**DRAMATIC
DROP IN COW
EMISSIONS
WITH SEAWEED
DIET**

SCIENTISTS have discovered that feeding cattle seaweed reduces their greenhouse gas emissions by an astounding **82%**!

Cattle produce _____, a powerful greenhouse gas that contributes to climate change.

Over the course of five months last summer, researchers from the University of California added small amounts of seaweed to the diet of 21 beef cattle and tracked their weight gain and methane _____.

The cows with 80 grams of seaweed in their diet gained the same amount of weight as their herdmates, but burped out much less methane into the _____.

Unfortunately, the type of seaweed fed to the cows, *Asparagopsis taxiformis*, doesn't appear much in the _____, so scientists are also investigating how it can be farmed.

No matter what, Professor Ermias Kebreab, who _____ the study, is pleased with the results.

"Only a tiny fraction of the Earth is fit for farming _____," he explained. "Much more land is suitable only for grazing, so _____ plays a vital role in feeding the ten billion people who will soon _____ the planet."

- emissions
- atmosphere
- methane
- conducted
- crops
- livestock
- inhabit
- wild

- A region that is uninhabited, uncultivated, or with harsh, difficult conditions to live in (noun)
- A colourless, odourless flammable gas. It is the main part of natural gas (noun)
- The gases that surround the Earth or another planet (noun)
- The production and discharge of something, especially gas (noun)
- Animals kept, raised and often sold for things like their meat or fur (noun)
- To direct or take part in the operation or management of something (past participle)
- Plants that are grown on a large scale for commercial sale, eg, cereal, fruits or vegetables (plural noun)
- To be present in or occupy a space (verb)