

Bovaer®

# One burp at a time

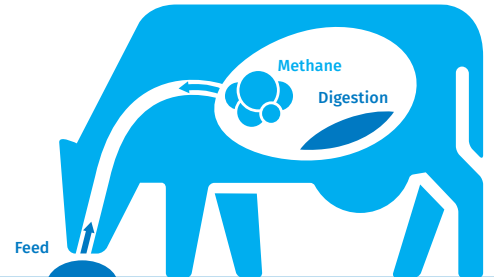
How cows can help us fight climate change

- **Cows make methane**

It's not their fault. Methane is a byproduct of digesting the tough, fibrous food they eat. And it's released into the air burp by burp.

- **Methane traps heat**

Like carbon dioxide (CO<sub>2</sub>), methane is a greenhouse gas. Its warming effect is shorter lived, but much more potent than CO<sub>2</sub>. So eliminating it begins to pay off right away.



- **Bovaer® reduces methane**



1/4 teaspoon daily in a cow's feed

30% less methane produced

takes effect immediately

proven safe for animal, farmer and consumer

## How it works

In a cow's stomach, microbes help food break down. This releases hydrogen and carbon dioxide. An enzyme combines these gases to form methane. **Bovaer® is a feed additive that suppresses the enzyme, so less methane gets generated.**

## Bovaer® saves 1 tonne of CO<sub>2</sub> equivalent per cow every year



Feeding Bovaer® to **1 cow** saves the equivalent of **127,000 smartphone** charges.



Feeding Bovaer® to **3 cows** is like taking **1 family-sized car** off the road.



Feeding Bovaer® to **1 million cows** is like planting a forest of **45 million trees**.

DSM is a global purpose-led, science-based company specializing in Nutrition, Health & Sustainable Living. Our purpose is to create brighter lives for all. We achieve it by using all the scientific and innovation power at our disposal to tackle some of the world's greatest challenges - creating value for customers, shareholders, our people, and society-at-large.