

THE METHANE CHALLENGE FROM LIVESTOCK IN THE GLOBAL SOUTH



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GLOBAL FOOD+

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Percent of Methane Emissions from Cattle Coming from Global South

In Dairy Production:

71 Percent



• In Beef Production:

76 Percent



Methane Emissions in Global South, *Per Unit of Output*, Compared to USA

India

- Emissions from dairy **ten times** as high as in USA

Brazil

- Emissions from beef **three times** as high as in USA

FEED ADDITIVE SOLUTIONS?

RED SEAWEED



BOVAER



CONFINED CATTLE FEEDING: COSTS AND BENEFITS *PER UNIT OF OUTPUT*

BENEFITS:

- Lower methane emissions
- Reduced forest loss from pasture expansion
 - Lower CO₂ emissions
 - More habitat and biodiversity protection
- Higher producer income

COSTS:

- Reduced animal welfare?