

Helping tackle antimicrobial resistance

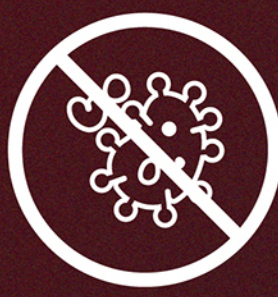
THE CONTEXT

50-70% of all antibiotics deemed medically important for human health are used by the **livestock farming industry**

MAINLY OVERUSED IN



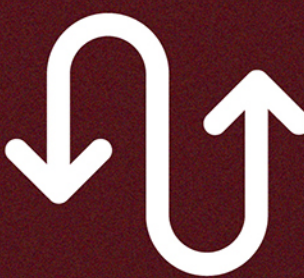
GROWTH PROMOTION



DISEASE PREVENTION

By **2050** **10 million lives a year** could be lost due to antimicrobial resistance

OUR AMBITION



REPLACE

antibiotic growth promoters (AGPs)



REDUCE

prophylactic use of antibiotics

OUR SOLUTION



EUBIOTICS + ENZYMES

Innovative feed additives that **support gut health** and **growth** in farm animals



Crina® portfolio
our innovative combinations of essential oils and phytogenics

Balancius™
Our breakthrough enzyme technology

VevoVital®
Our ultra-pure (99.9%) benzoic acid



Sustains feed intake



Supports gastrointestinal functionality in broilers



Regulates the acidity of the digesta



Supports feed efficiency (>2.5%)



Improves feed conversion by 3%



Improves feed conversion ratio by >2.5% in piglets



Helps maintain milk production



Increases average weight gain by 4-6%



Increases weight gain by >5%

Optimizing **gut health** with **eubiotics**

Supporting animal health

Reducing need for **antibiotic prophylaxis**

THE RESULT

Our novel feed solutions help farm animals **grow better** and **stay healthy** supporting livestock farming sustainably *and* responsibly

With **eubiotics** and **enzymes**, animal farming can **rely less** on antibiotics. Safeguarding our future.



If not us, who? If not now, when?
WE MAKE IT POSSIBLE

Find out how DSM can help transform animal nutrition and health sustainably at www.dsm.com/wemakeitpossible



DSM

BRIGHT SCIENCE. BRIGHTER LIVING.