

Animal health is
central to human &
ecosystem health.



Livestock Vaccination & One Health





Livestock vaccines improve

Animal Health.

**FEWER ILLNESSES MEAN BETTER OVERALL WELL-
BEING, LESS PAIN, STRESS, AND SUFFERING.**



Livestock vaccines control the spread of

Infections to Humans.



VACCINATION CAN
STOP DISEASE
TRANSMISSION
CYCLES BETWEEN
ANIMALS, WILDLIFE,
AND PEOPLE,
REDUCING
OUTBREAKS OF
ZOO NOTIC
DISEASES.



Livestock vaccines help slow **Climate Change.**

LIVESTOCK VACCINES CUT GREENHOUSE GAS EMISSIONS BY KEEPING ANIMALS HEALTHY AND PRODUCTIVE, SO FEWER RESOURCES ARE NEEDED TO PRODUCE THE SAME AMOUNT OF MEAT, MILK, OR EGGS.

PREVENTING DISEASE CUTS LOSSES AND IMPROVES FEED EFFICIENCY, REDUCING THE CLIMATE IMPACT OF LIVESTOCK FARMING.



Livestock vaccines protect



Food Safety and Security.

HEALTHY ANIMALS POSE A LOWER RISK OF
TRANSMITTING FOODBORNE PATHOGENS TO HUMANS

**THIS SUPPORTS
RELIABLE FOOD
PRODUCTION
AND
CONSUMER
HEALTH, AND
PROTECTS
FARMERS FROM
SUPPLY
DISRUPTIONS.**



Livestock vaccines increase

Food Yields.



LIVESTOCK VACCINES BOOST FOOD YIELDS BY PREVENTING DISEASE AND REDUCING LOSSES IN MEAT, MILK, AND EGG PRODUCTION.



Livestock vaccines

reduce

Pollution.



HEALTHIER LIVESTOCK
REQUIRE FEWER MEDICAL
TREATMENTS, PRODUCE
LESS WASTE, AND USE FEED
AND RESOURCES MORE
EFFICIENTLY.

**BY REDUCING DISEASE
OUTBREAKS, VACCINES
ALSO CUT FARMING'S
EMISSIONS AND WASTE
IMPACT, SUPPORTING
MORE SUSTAINABLE FOOD
PRODUCTION.**



Livestock vaccines mitigate



Antimicrobial Resistance.

VACCINATION IS A KEY TOOL IN THE FIGHT TO CONTROL ANTIMICROBIAL RESISTANCE IN ANIMALS AND HUMANS.

**HEALTHIER ANIMALS
NEED FEWER
ANTIBIOTICS,
REDUCING THE
CHANCE FOR
RESISTANT GERMS
TO DEVELOP AND
SPREAD.**

