

ANIMAL
VACCINES
BENEFIT

Animals

People

Environment

BENEFITS FOR ANIMALS

Vaccines are the first line of
defense against animal diseaseCombined with quality nutrition and
biosecurity practices that prevent the spread of
disease on farms, animal vaccines:**Help
fight disease**to protect the animal
and lessen the impact
of illness.¹**Benefit
the herd**by building immunity
and preventing
disease outbreaks.²**Lessen the
duration of illness,**
resulting in improved animal
health and well-being.

BENEFITS FOR PEOPLE

Healthier animals produce more protein
to feed a growing world populationGlobally, for
every two cattle
vaccinated
one less person
goes hungry.³Vaccinating
60%
OF CATTLEglobally increases beef
production to feed
an additional
3.1 billion people.³**1%**reduction in dairy cattle
disease rates through
preventative measures
like vaccination
increases milk
production to support
an additional 80
million people.³**Vaccination is the
FIRST LINE
OF DEFENSE**
against diseasePoultry disease was
associated with a 5% increase
in global hunger or 34
million people in 2019.³

BENEFITS FOR THE ENVIRONMENT

Healthy animals produce less emissions³**HEALTHY
ANIMALS
REQUIRE FEWER
RESOURCES**to grow, reducing the
environmental
footprint of animal
agriculture.³**VACCINATING
HERDS AND
FLOCKS RESULTS
IN LESS DISEASE,**
death loss and wasted
resources.**A GLOBAL
REDUCTION IN
THE INFECTION
RATE OF HERDS**is associated with a
reduction in
greenhouse gas
emissions.³Vaccines are crucial to support the
health of animals, people and the environment.FOR MORE INFORMATION, PLEASE VISIT [OUR WEBSITE](#).

¹ National Library of Medicine. Richeson, J., Hughes, H., Broadway, P., Carroll, J. Vaccination Management of Beef Cattle: Delayed Vaccination and Endotoxin Stacking. Oct. 4, 2019;35(3):575-592. doi: 10.1016/j.cvfa.2019.07.003. <https://pmc.ncbi.nlm.nih.gov/articles/PMC7125876/#abs0010>. Retrieved Feb. 3, 2025.

² Columbia University Irving Medical Center. Columbia Mailman School of Public Health. The Relationship Between Vaccines and Herd Immunity. April 9, 2021. <https://www.publichealth.columbia.edu/news/relationship-between-vaccines-herd-immunity>. Retrieved Feb. 3, 2025.

³ Oxford Analytica. Animal health and Sustainability: A Global Data Analysis. A Report Produced for HealthforAnimals. April 18, 2023. 1-60. <https://healthforanimals.org/wp-content/uploads/2023/07/Animal-health-and-Sustainability-A-Global-Data-Analysis-July-23.pdf>. Retrieved Feb. 3, 2025.