

# HEALTHY ANIMALS: KEY TO A SUSTAINABLE FOOD PRODUCTION



## SOCIETAL CONTRIBUTION

### INCREASED ANIMAL WELFARE AND SAFE FOOD

Healthy animals means safe products for the food market

Veterinary vaccines and medicines help prevent and treat animal diseases, and reduce pain and discomfort



### SALMONELLA INFECTIONS

Vaccinating animals helps reduce infections in people

**>>> DID YOU KNOW? <<<**  
Thanks to poultry vaccination, salmonella infections in people reduced by 50% over the last 10 years



### PARASITE INFECTIONS

22% loss in milk yield in sheep and other grazing animals;

15% slower growth;

10% less wool;

12% death among chickens and, less frequently, in turkeys

**>>> DID YOU KNOW? <<<**  
Treatment can reduce this impact. In particular, anthelmintics in sheep help: kill worms; avoid suffering and death; alleviate production losses



### PNEUMONIA

Very painful and sometimes fatal in beef cattle;

Millions of animals affected in the EU every year

**>>> DID YOU KNOW? <<<**  
Effective prevention and treatment: improve animal health and welfare; prevent mortality



### FOOD SUPPLY (MILK, MEAT AND EGGS)

100% rise in demand expected by 2050;

70% of the additional food supply should come from modern technologies, including veterinary medicines

## ECONOMIC IMPACT

### LESS ANIMAL MORTALITY AND PRODUCTIVITY LOSSES

Veterinary medicines and vaccines help reduce mortality in farm animals, and help farmers to produce enough milk, meat and eggs to meet consumers' demand



### PRODUCTIVITY AND WEIGHT LOSSES

20% resource waste reduction thanks to veterinary medicines and vaccines



### MASTITIS INFECTIONS

Treatment and vaccination: improve animal health and welfare;

avoid a loss of 375 kg in milk yield, and up to €182 economic losses per cow/year



### PORCINE CIRCOVIRUS DISEASE (PCVD)

Post-weaning multisystemic wasting syndrome (PMWS) cost European pig producers €550M-€900M in the 1990s

**>>> DID YOU KNOW? <<<**  
The introduction of PCV2 vaccines in 2006 to control PMWS have brought mortality back to levels before the epidemic started

MORE INFO ON:

[www.ifaheurope.org](http://www.ifaheurope.org)

Source: Available upon request from [info@ifaheurope.org](mailto:info@ifaheurope.org)

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## ENVIRONMENTAL PROTECTION

### LESS ENVIRONMENTAL IMPACT

Veterinary medicines and vaccines enable farmers to produce more food with less natural resource input and less waste output



### GRASSLANDS

Animals use grasslands that:

cannot be/are hard to use for other high-quality protein production;  
are important carbon traps



### SAVING RESOURCES

Healthy animals mean:

less inputs (feed, water, energy and soil used) to produce meat, milk and eggs;

reduced manure;

up to 40% decrease in CO<sub>2</sub> emissions

**>>> DID YOU KNOW? <<<**  
1,570,180 km<sup>2</sup> of farmland (1/3 of EU's surface) and 2.34M km<sup>3</sup> of water (0.18 of the world oceans' volume) can be saved annually worldwide thanks to innovation in dairy production



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