HANDLE ANTIMICROBIALS WITH CARE. WE CAN ALL HELP!









ANTIMICROBIAL RESISTANCE **CAN AFFECT US ALL!**

TAKE ACTION NOW

TO PROTECT HUMAN, ANIMAL, PLANT & **ENVIRONMENTAL** HEALTH

Keep clean, separate raw and cooked, cook

water and safe raw ingredients.

Adopt good hygiene habits.

Ensure antibiotics are only used when

necessary and under medical supervision.

Avoid buying antibiotics from unregulated

sources - they may be of poor quality and

When using antibiotics: follow profes-

sional advice and never share medi-

cines or use leftover drugs to treat a

Tell your friends, family

and colleagues about

the appropriate use

of antibiotics.

different illness.

Adopt good hygiene practices throughout the food chain.

Source food only from suppliers complying with regulations

and using Good Hygiene Practices and HACCP**.









RESEARCH

Support and finance the development

of methods for the prevention, diagnosis

and treatment of disease, to reduce

SURVEILLANCE

& MONITORING

dependence on antimicrobials.



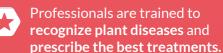
Handle antimicrobials prudently and



Veterinarians should keep their knowledge awareness about



Adopt good agricultura practices and integrated pest management (IPM) to reduce the risk of disease and need for antimicrobials.





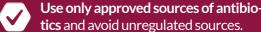
Use PPP appropriately: Fungal diseases do not respond to antibiotics.



Inform yourself about appropriate use of antimicrobials: you could reduce crop losses and save money and lives.



Don't cut corners on waste disposal. Respect regulations and follow guidelines on waste management.



tics and avoid unregulated sources. Treat waste water before release into the environment,



follow guidelines for disposal, treatment and spreading of manure, and dispose of antibiotics according to guidelines.



Learn ways on how you can protect the environment from waste your operations produce.

NATIONAL AUTHORITIES

Consumers have the power:

support distributers and producers that follow good food

safety guidelines and responsible



Regulation is mandatory to promote appropriate use of antimicrobials: make sure legislation is implemented.

AWARENESS

Raise public awareness

Strengthen national AMR

and antimicrobial use surveillance systems based on global standards.



and educate all stakeholders.

& EDUCATION

Adopt good waste management practices to prevent run-off of antimicrobial residues from pharmaceutical companies. hospitals, crop production,

animal and human waste.

professional.

Use antimicrobials prudently, in accordance with professional instructions and respect label instructions, especially dosage and withdrawl periods.



(1)

Adopt sound

husbandry practices

(biosecurity, hygiene

and vaccination protocols).

Don't use antimicrobials for

Ensure antimicrobials are only used with prescription diagnosis

Use quality antimicrobials manufactured

in accordance with international standards.

and under supervision of an authorised

growth promotion purposes.

Food producers should keep their knowledge up to date from reliable and trusted sources.

SOURCE **PREVENTION ADVICE**











AWARENESS

*terrestrial and aquatic

TAKE ACTION NOW TO PROTECT HUMAN, ANIMAL, PLANT & ENVIRONMENTAL HEALTH



- Antimicrobial agents, including antibiotics, have **saved millions of lives**, substantially reduced the burden of diseases in people and animals, **improved quality of life**, contributed to **improved food production and safety**, and helped **increase life expectancy**.
- The emergence and spread of antimicrobial resistance (AMR) in several microorganisms is complicating the management of many infectious diseases.
- AMR is a major threat to human development and the fight against infectious diseases. It endangers animal health and welfare, as well as food production. AMR also adversely affects the functioning of human, animal and plant health systems and economies.
- Developing countries, with a greater burden of infectious disease and limited resources, will be the most adversely affected by AMR.
- **O AMR requires a collective and practical response.** Global Action Plan to guide countries in developing and implementing national action plans was endorsed by WHO, FAO and OIE in 2015.
- For more information on the implementation of the Global Action Plan:

FAO website: www.fao.org/antimicrobial-resistance
OIE website: www.oie.int/antimicrobial-resistance

WHO website: www.who.int/antimicrobial-resistance





