



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Food Safety and Biosecurity on Farms



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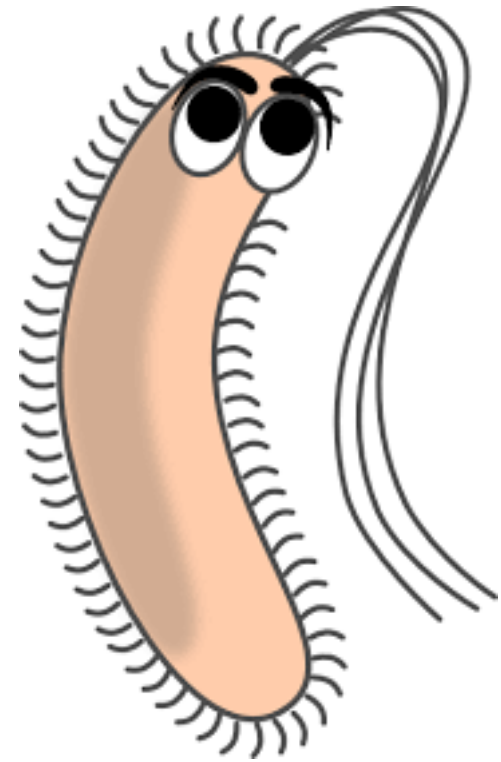


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OVERVIEW

- Background
- Reservoirs for Pig Disease
- Controlling Cross-Contamination
- Reservoirs for Foodborne Disease
- Controlling Cross-Contamination
- Questions



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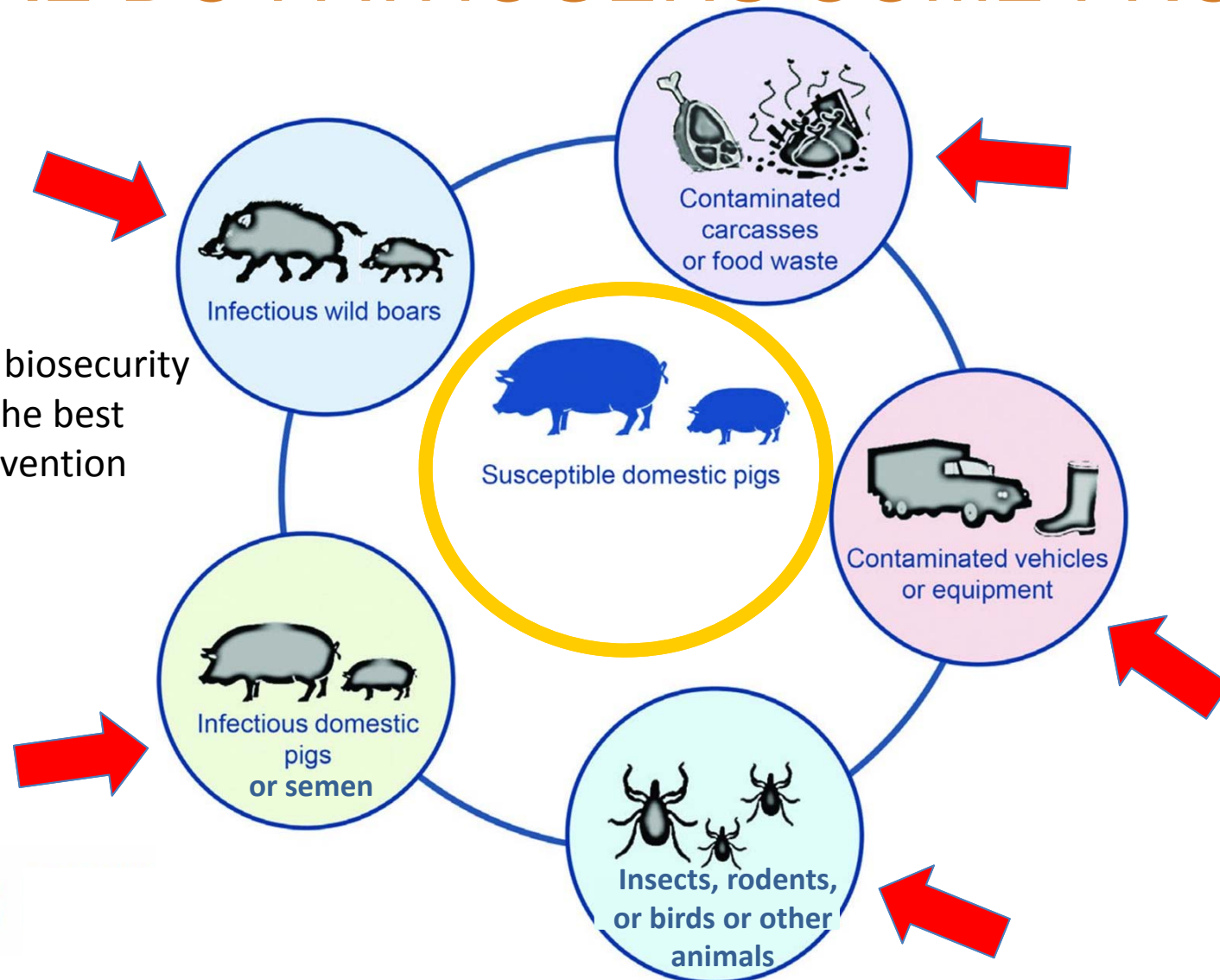


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WHERE DO PATHOGENS COME FROM?

Controlling biosecurity on farm is the best disease prevention plan





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HOW DO WE PREVENT INFECTION?

1. Have a well-defined biosecurity plan
2. Do not feed meat back to pigs
3. Burn or bury dead pigs
4. Control insects, rodents, wild pigs, & other animals
5. Do not mix sources of pigs
6. Use AI from a reputable source
7. Use your district veterinarian and VAHW to develop a good vaccination strategy.



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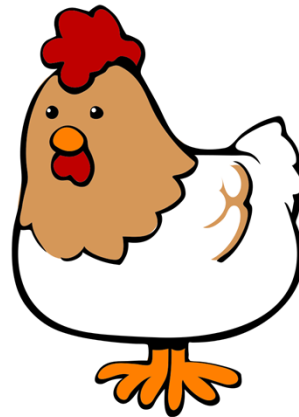
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WHERE DO FOODBORNE PATHOGENS COME FROM?



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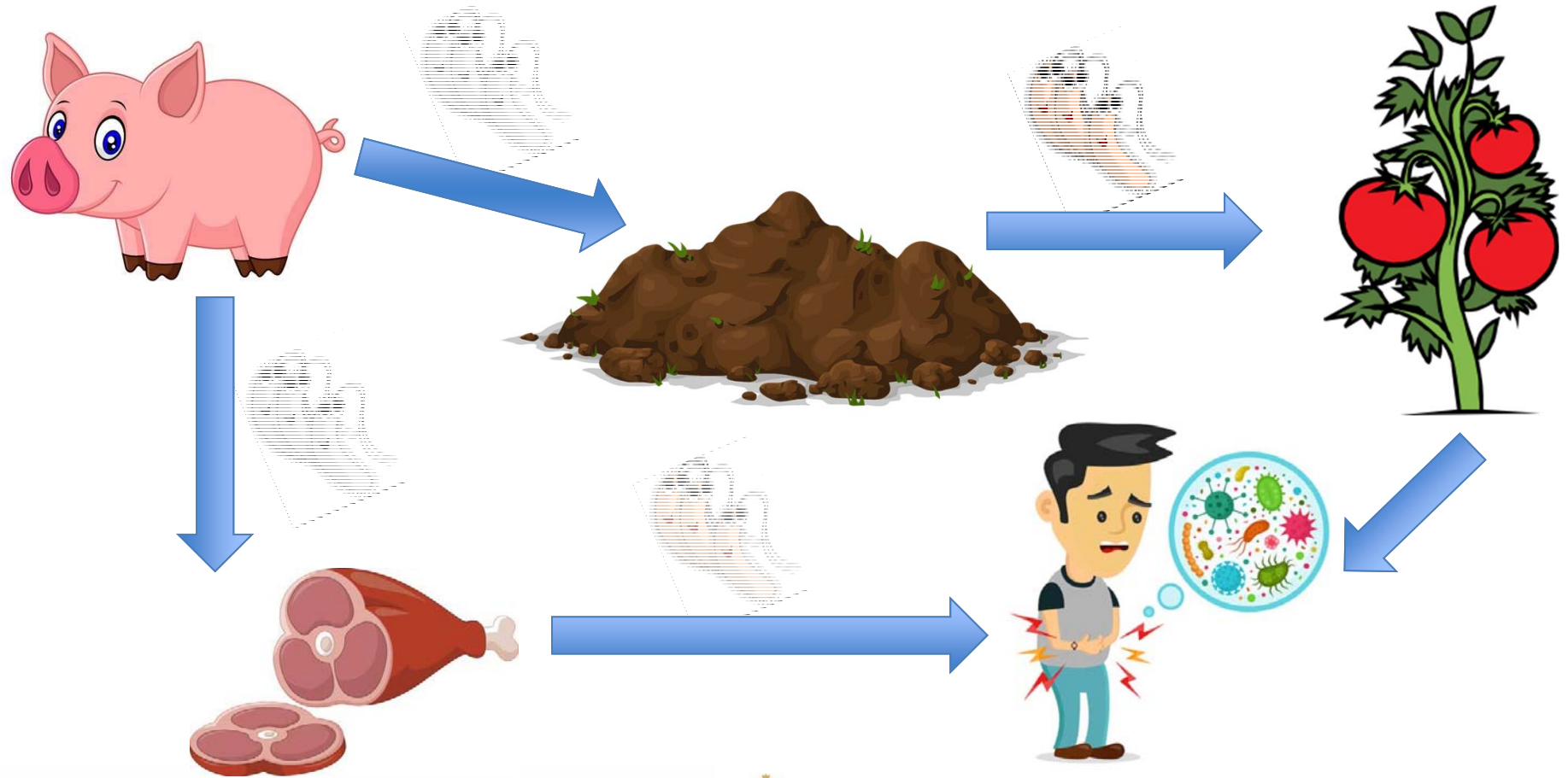
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WHAT IS CROSS-CONTAMINATION?



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MINIMIZING CROSS-CONTAMINATION

1. Good handling practices and agriculture practices are key
 - a. Similar to a biosecurity plan
 - b. Outlines how a farmer safely handles food animals and crops
2. Separate
 - a. Raw vegetables and raw meat do not mix
 - b. Manure and dirt can hurt
3. Wash/Clean
 - a. Be aware of what you touch
 - b. Keep animal pens clean
 - c. Store manure properly



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CONCLUSIONS

- A good biosecurity plans support both pig and human health
- Allocate areas of the farm for certain activities
- Prevention is always better than treatment
- Pigs and human beings are not that different, and some diseases can be transmitted from pigs to farmers and farmers to pigs.



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QUESTIONS?



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