BIOSECURITY FOR PORK PRODUCTION PROJECT

CORINNE BROMFIELD, DVM
SWINE EXTENSION VETERINARIAN
UNIVERSITY OF MISSOURI
WHAT IS BIOSECURITY?

BIOSECURITY IS A SET OF PROCEDURES THAT ARE INTENDED TO PROTECT ANIMALS AGAINST HARMFUL DISEASE.
WHY PRACTICE BIOSECURITY?

• BIOSECURITY HELPS PROTECT OUR ANIMALS
  • DISEASE OUT OF THE BARN
  • BOOSTS IMMUNITY TO SICKNESS
  • LIMITS SICK DAYS
  • MAXIMIZES HEALTHY GROWTH
BIOSECURITY

• THE MAIN FOCUS OF BIOSECURITY IS STOPPING DISEASE TRANSMISSION
BIOSECURITY

• THE MAIN FOCUS OF BIOSECURITY IS STOPPING DISEASE TRANSMISSION

Aerosol transmission
BIOSECURITY

• THE MAIN FOCUS OF BIOSECURITY IS STOPPING DISEASE TRANSMISSION

Fomite Transmission
SO HOW DO WE STOP IT?

• CLEANLINESS IS NEXT TO GODLINESS
  • SHOWER IN/OUT
  • WEAR CLEAN CLOTHES/SHOES
  • CLEAN THE BARN WELL AFTER PIGS LEAVE
SO HOW DO WE STOP IT?

• DOWNTIME
• TIME SPENT AWAY FROM PIGS
  • PIGS THAT MIGHT BE SICK
• HELPS TO KEEP YOU CLEAN
SO HOW DO WE STOP IT?

• ALL IN/ ALL OUT
• GROUP PIGS BY AGE
• CLEAN AND DISINFECT AFTER THE PIGS LEAVE
WHAT CAN YOU DO WITH YOUR PIGS?

• DEDICATED CLOTHING/SHOES
WHAT CAN YOU DO WITH YOUR PIGS?

• USE DEDICATED SUPPLIES
  • DON’T SHARE SUPPLIES THAT CAN BE CONTAMINATED WITH OTHER PIGS THAT ARE NOT PART OF YOUR GROUP
    • SOME SUPPLIES CAN’T BE CLEANED WELL ENOUGH TO ELIMINATE GERMS

• IF YOU MUST SHARE
  • CLEAN WITH HOT WATER AND DISINFECTANT
WHAT CAN YOU DO WITH YOUR PIGS?

• CONTACT A VETERINARIAN FOR RECOMMENDATIONS ABOUT WHAT VACCINES YOUR PIGS NEED
  • VACCINES HELP TO BOOSTER IMMUNITY AND MINIMIZE THE AMOUNT OF GERM SHEDDING A PIG WILL DO
  • VACCINES HELP YOUR PIG STAY HEALTHIER AND WILL HELP KEEP OTHER PIGS HE IS EXPOSED TO HEALTHIER AS WELL
ACTIONS YOU CAN TAKE!

• WASH YOUR HANDS WITH SOAP AND WATER AFTER WORKING WITH YOUR PIGS

• WEAR AND KEEP DEDICATED CLOTHING FOR YOUR PIGS
  • ONLY WEAR IT AROUND YOUR PIGS- NOT TO SCHOOL/ THE PARK/ THE NEIGHBOR’S HOUSE
  • ASK OTHER PEOPLE WHO COME TO VISIT TO WEAR CLOTHES AND SHOES THAT HAVEN’T BEEN AROUND OTHER PIGS

• WEAR COVERALLS AND BOOT COVERS WHEN ASKED TO AT A DIFFERENT FARM

• USE DEDICATED SUPPLIES WITH ONLY YOUR PIGS

• CLEAN YOUR BARN/ PEN WELL BEFORE PUTTING NEW PIGS IN IT

• DO NOT WEAR ANYTHING THAT HAS MANURE ON IT TO A DIFFERENT FARM
BIOSECURITY STARTS WITH YOU!

• YOU HAVE THE ABILITY TO DO SMALL THINGS THAT CAN ADD UP IN BIG WAYS!

• BY TAKING THESE EXTRA STEPS TO KEEP YOUR PIGS HEALTHY,
  • YOU ARE HELPING YOUR PIG GROW STRONG AND FAST
  • YOU ARE SAVING MONEY ON TREATMENTS AND MEDICATIONS
  • YOU ARE HELPING OTHER PIGS STAY HEALTHY
  • AND YOU ARE BEING A GREAT PORK AMBASSADOR!