

SECURITY AND BIOSECURITY ISSUES IN THE DAIRY INDUSTRY: ON THE DAIRY FARM

**KENNETH B. GRAVES
HERDSMAN
BEARDEN DAIRY RESEARCH CENTER**



BEARDEN DAIRY RESEARCH CENTER

- STARKVILLE, MS -7 MILES OFF CAMPUS
- 160 IN MILKING HERD
- 300 HEIFERS AT HEIFER FACILITY
- 2 BREEDS: HOLSTEIN AND JERSEY



BEARDEN DAIRY RESEARCH CENTER

- 2 IDENTICAL PARLORS
 - DOUBLE 4 HERRINGBONE



BEARDEN DAIRY RESEARCH CENTER

2 FREESTALL BARNES

– TOTAL CAPACITY 198 COWS



BEARDEN DAIRY RESEARCH CENTER

- RESEARCH/TEACHING HERD
- CLOSED HERD



BIOSECURITY AND HERD HEALTH

- **CLASSES**
 - **REPRODUCTIVE PHYSIOLOGY, DAIRY FARM MANAGEMENT, LACTATION PHYSIOLOGY, DAIRY CATTLE APPRAISAL, BASIC ANIMAL SCIENCE, QUALITY CONTROL**



BIOSECURITY AND HERD HEALTH

- **STUDENT LABOR**
 - **FAMILY FARM**
 - **LABS**
 - **EMPLOYEE TURNOVER**



BIOSECURITY AND HERD HEALTH

- **DAIRY TOURS**
 - **FOREIGN VISITORS**
 - **PRE-APPROVED BY UNIVERSITY**
 - **COMPLIANCE WITH SET RULES (ie.DISPOSABLE BOOTS AND COVERALLS, RESTRICTED FROM ENTERING FEED BUNKS AND BEDDING AREAS)**







BIOSECURITY AND HERD HEALTH

- **DAIRY TOURS**
 - **SCHOOL GROUPS, UNEXPECTED VISITORS, FORMER EMPLOYEES**



- **4-H, FFA, AND COLLEGIATE ACTIVITIES**
 - **JUDGING CONTEST, WORKOUTS, WORKSHOPS, ETC.**

BIOSECURITY AND HERD HEALTH

SHOW STRING

– AT SHOW

- DIPPING MILKING UNITS**
- OWN PRE-/POST-DIP**
- SPECIFIC FEED AND WATER BUCKETS**

– AFTER SHOW

- WASH AND DISINFECT FEET AND LEGS BEFORE ENTERING BACK INTO HERD**

BIOSECURITY AND HERD HEALTH

- **HOOF TRIMMING**
 - **EQUIPMENT, CLOTHING, CHUTE AND TRUCK, CLEANED AND SANITIZED BEFORE COMING ON FARM**



FARM SECURITY

- **FARM ACCESS**
 - **FRONT GATE**
 - **BARN AND FACILITIES**
 - **BULK TANK ROOMS**
 - **SECURITY SYSTEM**
 - **GRAIN BINS**
- **OPEN TO PUBLIC (VISITORS WELCOMED)**
- **OFF CAMPUS**





BIOSECURE AREA!
IF YOU HAVE BEEN ON A FARM
OUTSIDE THE UNITED STATES
WITHIN THE PAST 7 DAYS
PLEASE DO NOT ENTER
FOR BFD. CALL 828-380

STOP!

**CONTACT HERDSMAN
PRIOR TO UNLOADING**

THANKS

EMERGENCY ACTION PLAN



QUESTIONS?

