Human campylobacteriosis and salmonellosis are two of the most commonly reported gastrointestinal infections worldwide and poultry meat has been identified as the main source of infection. Controlling pathogen colonies of public health concern such as *Salmonella* and *Campylobacter* in poultry flocks on the farm is critical for a successful overall food safety program. Biosecurity on the farm can contribute significantly to reducing the potential for *Salmonella* and *Campylobacter* colonization in broilers.

“Biosecurity” refers to procedures used to prevent the introduction and spread of disease-causing microorganisms in poultry flocks.

### ON-FARM SOURCES

- Wildlife
- Insects
- Rodents
- Water
- Fomites (surfaces)
- Hatchery/bird movement

- Feed
- Humans
- Vehicles
- Litter

### RECOMMENDATIONS FOR EFFECTIVE BIOSECURITY STRATEGIES

**Restrict unnecessary human traffic** in the poultry houses and provide protective coverings such as boots, coveralls, and headgear to visitors and other necessary farm personnel.

**Maintaining dry litter conditions** (less than 30% moisture) will help to keep the number of microorganisms low.

**Do not allow pets** or other animals within poultry houses and implement robust pest control programs.

**For situations where internal testing programs suggest a high pathogen prevalence**, contact your poultry company veterinarian or contact a poultry veterinarian within the Georgia Poultry Laboratory Network.

For more detailed information of biosecurity strategies refer to UGA Extension Bulletin 1306, “Biosecurity Basics for Poultry Growers.”

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