

Avian and Wildlife Toxicology

The Smithers Viscient North Carolina Research Center offers depth of experience in avian and wildlife laboratory studies, field studies and consultation in support of product development and registration, while professionally addressing our clients' individual testing and research requirements.

Lab Capabilities

- Standard avian regulatory guideline studies with mallard ducks, bobwhite quail, Japanese quail, chickens, red winged blackbird and other species
- Customized study designs for product registration: up/down, staged and approximate D studies
- Endocrine disruption testing and research
- Product efficacy
- Avoidance
- Animal metabolism
- GMP poultry and catfish nutritional equivalency and safety testing
- Microbial product testing in avian species



Field Capabilities

- Avian/wildlife guideline and non guideline studies
- Avoidance
- Wildlife exposure, behavior and survival assessment
- Invertebrate exposure and residue levels
- Non target plant (terrestrial and aquatic) effects
- Run off (mass balance)
- Soil and plant dissipation
- Specialty research designs

Consulting

- Wildlife risk assessment: deterministic and probabilistic
- Study design
- Product registration support

Guidelines Supported

FIFRA, OPPTS, EU, OECD and JMAFF



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