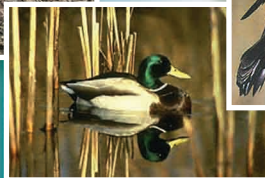


# Avian & Wildlife Toxicology



Springborn Smithers Laboratories' 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 product poultry nutritional equivalency 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
- 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

## CONTACT

Business Development  
Springborn Smithers Laboratories  
Swiss Research Center  
Seestrasse 21  
Horn, CH-9326, Switzerland  
Phone: (41) 71 844-6970  
Fax: (41) 71 841-8630  
[www.springbornsmithers.com](http://www.springbornsmithers.com)