



New Active Ingredients

Steve Rhodes

Senior Pesticide Use Specialist

Pesticide Registration Branch



What is a New Active Ingredient?



An Active Ingredient That
Has Not Been or Is Not
Currently Registered in
California.



What Data is required for a
New Active Ingredient?



Data Required with Most Submissions

- Product Chemistry
- Environmental Chemistry
- Acute Toxicology
- Phytotoxicity
- Efficacy
- Fish & Wildlife



Plus:
Birth Defects Prevention Act of
1984 Data (SB 950)

- Chronic Toxicity (rat, dog)
- Oncogenicity (rat, mouse)
- Reproduction (rat)
- Teratology (rat, rabbit)
- Gene Mutation
- Chromosome Effects
- DNA Damage



Plus:

Pesticide Contamination
Prevention Act of 1985
Data (AB 2021)

“Agricultural Uses Only”

AB 2021 Studies

- Water Solubility
- Vapor Pressure
- Octanol/Water Partition Coefficient
- Soil Absorption Coefficient
- Henry's Law Constant
- Hydrolysis
- Photolysis (Soil, Aqueous)
- Soil Metabolism (Aerobic, Anaerobic)
- Field Dissipation (2 studies)



Field Dissipation



One of the two studies
must be conducted in
California or under
California-Like
conditions.



What's New?



As of January 1, 2006,
DPR Is Accepting New Active
Ingredient Submissions
Concurrently With U.S. EPA



What to Include in your Submission to California

- Cover Letter
- Application
- Confidential Statement of Formula
- Required Data
- Six (6) Copies of Proposed Label
- Application Fee of \$750
- Any EPA Documents



All Data That Was Sent to U.S. EPA



The End