



AgChem Case Study

INTRODUCTION & BACKGROUND

A client approached Ricerca with a novel agrochemical compound, but lacked many of the resources that a large firm might contain. The firm wanted to rapidly conduct the testing needed in an integrated package.

CHALLENGE

In order to speed the testing needed, Ricerca needed to coordinate many different departments so that a full registration platform could be executed.

APPROACH & EXECUTION

A complete program was mapped and a program manager was assigned to oversee the registration package. The program integrated chemistry (radiosynthesis and synthesis of the active and degradates) with the studies, so that within days of synthesis completion the studies could be quickly executed. For this package of studies, the requirements for registration had already been defined by an outside consulting firm.

RESULTS

Ricerca produced several kilos of the active so that mammalian testing could be initiated first. Using this same lot, Ricerca outsourced the ecotox studies to complete the environmental assessment. Within days of radiosynthesis completion, the fate and metabolism package of studies was started. Degradates observed in the metabolism studies were then synthesized for use in the absorption/desorption studies. A full residue trial was initiated and completed.

IMPACT

Using our unique portfolio of services, the entire registration project was rapidly executed and our knowledgeable staff was able to solve many technical problems along the way.

TESTIMONIAL

With the results obtained, the client was able to submit to EPA and the package of studies were accepted.