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GenomeCanada

Next-generation Integrated Pest Management Tools for Beekeeping

Integrated GE³LS Project	Empirical Economic Analysis of Beekeeping
Genome Centre	Genome British Columbia
Project Leaders	Leonard Foster and Stephen Pernal
GE³LS Project Leader	Kathy Baylis, University of British Columbia

Project Description

Economists will work with biologists and beekeepers to estimate the economic viability of the new genomics tools and to develop a set of best-practices for beekeepers to integrate the use of these new tools.

With the biologists and economists having direct input into each others' research questions, the ultimate success of the tools developed will be measured in net economic benefit to beekeepers and agriculture, and will represent the first step towards reversing the steady decline in honey bees. Consumers, crop growers and beekeepers will benefit from improved food security and healthier, more abundant, more effective pollinators.