Crop Signaling for Automated Weed/Crop Differentiation and Mechanized Weed Control in Vegetable Crops.

Research team (partial):

Laura Tourte, Research Contact - Economic Component
University of California Cooperative Extension
(831) 763-8005 - ljtourte@ucanr.edu

Steve Fennimore and Richard Smith
University of California Cooperative Extension

David Slaughter
University of California Davis

Mark Siemens
University of Arizona

Manoj Karkee
Washington State University

Funded by: USDA Specialty Crop Research Initiative

University of California
Agriculture and Natural Resources

Economic Component:
Goal is to answer these questions

- What are new or additional costs?
- Will current income be reduced?
- Will there be any additional income?
- What current costs will be reduced or eliminated?
- What is the overall impact for vegetable industry?

Also important for our understanding

- Current use of automated (mechanized) technologies
- The reasons why they may or may not be used
- Obstacles to their use
- Future needs of vegetable growers and industry

planttape® transplanting system

BLUE RIVER TECHNOLOGY

mantis ag technologies

Questionnaire:

Assessing Use of Automated (Mechanized) Technologies in Vegetable Crops

University of California
Agriculture and Natural Resources