

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Efficacy of Pollinator Habitats in Improving Pollinator Activity and Providing Diet Diversit Pollinators

Discipline: Natural
Type of Project: Research
Funding Agency: USGS
Other Partners/Cooperators: Colorado State University
Students Involvement:
Effective Dates: 7/1/2015 - 6/30/16
Funding Amount: \$37,085

Investigators and Agency Representative:

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Project Abstract: The goal of this research is to investigate whether such managed pollinator habitats can mitigate the risks of novel monocultures and establish the benefits the habitats provide for crop pollination and pollinator populations.

Specific research objectives include:

- a) To evaluate foraging and colony performance of honeybees in GMHT canola fields, with and without pollinator habitat strips.
- b) To determine the pollination efficiency and seed yield in GM canola fields with and without pollinator strips
- c) To monitor diversity and activity of native bee pollinators in GM canola fields with and without pollinator strips

Keywords: Pollinator populations, pollinator habitats, crop pollination, USGS, Colorado State University