

5-29-2018

Management Implications of Regionally-Distinct Populations of the Blue Orchard Bee

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Recommended Citation

Alston, Diane G., "Management Implications of Regionally-Distinct Populations of the Blue Orchard Bee" (2018). *Funded Research Records*. Paper 66.

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**Utah State University
Data Management Plan**

WSARE 2017 Research and Education Grant

Title: Best Management Practices for Regionally-Distinct Populations of the Blue Orchard Bee

PIs: Theresa Pitts-Singer (USDA ARS Pollinating Insects Lab) and Diane Alston (Biology)

Expected Data:

Data on blue orchard bee nesting success (counts of nesting females, healthy and damaged offspring, offspring weight and size) and development rates at different temperature regimes (body size, weight, dates of completion of key development stages, etc.) will be recorded in Excel spreadsheets and saved on the USDA ARS Pollinating Insect Lab's computer server. A back-up of all data will be stored in a USU Box folder on the university server.

Video footage of blue orchard bee care and management practices will be collected by the USU Extension Media Specialist. Video footage will be stored in the USU Extension Media office and backed up on the USU Extension server.

Policies to Access and Sharing:

Data will be available to research project participants. Summarized data (statistics) will be published in appropriate research journals. Videos of bee care and management practices will be stored on DigitalCommons@USU and posted for public access on YouTube or a similar media outlet source. An extension publication on blue orchard bee management may be developed. If so, it will also be housed on DigitalCommons@USU and the USU Extension website.

Plans for Archiving and Preservation:

Data will be stored on the USDA ARS Pollinating Insects Lab server, and published products will be stored on DigitalCommons@USU for future access to archived files.

Roles and Responsibilities:

The Project Investigators, Drs. Diane Alston and Theresa Pitts-Singer will be responsible for managing and backing up data, and for depositing data into the indicated repositories. USDA ARS and USU will be responsible for maintaining data archives after the PIs are no longer employed by the designated institutions.