

Agency/Organization: Clark County / Utah State University

Project Name: Brome Reduction Study

Project Number: 2019-USU-1995A

Reporting Period: April 1, 2024- June 30, 2024

Project Contact Name and Information:

Corey Ransom: Utah State University

Eric Westra: Utah State University

QUESTION 1:

What did you accomplish during this reporting period?

- All species coverage and species density data were entered into data management software and preliminary data analysis conducted.
- Likewise, all data and images collected from the research site have been placed in a secure Box folder.

How did these accomplishments help you reach the goal of your project?

These steps are important in developing the data analysis approach to be used in the final report as well as identifying weaknesses in the data collected to potentially modify the next data collection event.

If relevant, what indicators or benchmarks were used to determine your progress?

QUESTION 2: What, if any, problems were encountered? Briefly describe those problems and the manner in which they were dealt.

As expected, data for some species is highly variable, adding to the challenge of interpreting the impact of herbicide treatments on those species. This is not a problem with the research itself, but with the uneven distribution of species across the site, and some species present at very low levels. More efforts will be made to look at an appropriate analysis to deal with large variation in the data as well as to deal with data where lots of plots have zero cover of plant counts. Some of this variation will be accounted for after we take our evaluation this fall. These evaluations can be compared with the pretreatment evaluation taken at the same time of year in 2023 and used to account for variations among plots not related to herbicide treatment.

QUESTION 3: What, if any, proposed activities were not completed? Briefly describe those activities, the reasons they were not completed and your plans for carrying them out. NA

QUESTION 4: What is the calculated percent of work completed? ~60%

QUESTION 5: Do you foresee any upcoming problems with future project activities?

If so, how do you propose to overcome those problems? NA

QUESTION 6: Is there anything else you want to tell the DCP about this project? NA

QUESTION 7: What was produced during the reporting period?

Data storage and initial data analysis.