

Green Fund Project Final Report

This report may be published on the SIU sustainability website.

Name of person(s) completing report: Makenna Baxter

Department: Forestry

Contact Phone and email address: makenna.baxter@siu.edu (618)-975-1504

Faculty Advisor (if applicable): Dr. Groninger

Project Title: Wildlife and Pollinator Enhancement for SIU Farms

Project ID #: 18SP108

Award Date: 4/30/18

Completion Date: 4/30/19

Total Funds Used: 840.23

1. Provide a summary of your project/project experience.

This proposal represents the second phase of the Sustainable Agroforestry Practices for SIU Farms Initiative currently supported by the Green Fund. Invasive, non-native autumn olive thickets surrounding the pond at the Tree Improvement Center contribute to nitrate pollution and produce an ecologically impaired area surrounding the pond that serves as the visual focal point of Tree Improvement Center. In the new project, I was able to train fellow students to replace the autumn olive with a diverse array of native pollinator species that contributes to adjacent land uses, such as the newly established nut orchard and fruit tree orchards on the farm. This phase focus on replacing homogenous autumn olive with a mixture of trees, shrubs, and grasses to demonstrate landscape-level management's applicability to the Midwestern agricultural landscape. Students were able to gain hands on experience in ecosystem restoration practices, leadership and planning while helping design and create a demonstration of sustainable land uses applicable across the Midwestern urban-rural continuum.

2. Provide a summary of your results (environmental, social, and/or economic) including quantifiable data as appropriate.

Environmental: We were able to take out a large portion (over 75%) of autumn olive and honeysuckle as well as basal spray the re-sprouts from the following season. We were able to plant 165 native pollinating/fruiting trees/ shrubs to keep the invasive out and the let the sun shine in.

Social: Students were able to gain a sense of accomplishment by visually seeing the difference from before and after. We worked as a team, and get to know our fellow foresters in the process.

Economic: With the removal of invasive species we will reduce the need to pay for more herbicides.

3. Summarize how your project promoted the Green Fee/Sustainability on campus including, but not limited to, flyers created, screenshots of website, signage, etc. Please include website links,

if applicable. (Reminder: you are required to promote your project using at least 2 items from the awardee website promotion list.)

1) We posted on our Facebook page about the Green Fund and all we have been doing out at the work site.

[https://www.facebook.com/permalink.php?story_fbid=2264410093618347&id=119416384784406&_xts__\[0\]=68.ARCwYot_Fbha7eilV8NJEL9IQ-3xZt_Y1PKNP0BEyNbl2VeL_Vl6P8UWFm49cmkgNZz2fQD_7805ea5Uh2CjmMg-YsbpTIUAvgttD1dzD5_YK2tV0MJEKK8ZvGdaJdRwBsRoW84iY8p9XiQZV638AM_INDMxM5TNCHwzBo-iJ329XDCXKKZ16EL24kRhmqOoLTSWizkBEGC1PxTT1Fmixsdo52QagrSyNin36u8BvFXSbhvC9EhxrVXCAYZxbZEaj1GQIVysCw7nWluXuu6dcRN3sNmZ1tccGTr98xq2iW9ZJE3hg4ewZt4XcvQUAjfJoMQJDUWodXOfTa6Z2njWxPS2w&_tn_=-R](https://www.facebook.com/permalink.php?story_fbid=2264410093618347&id=119416384784406&_xts__[0]=68.ARCwYot_Fbha7eilV8NJEL9IQ-3xZt_Y1PKNP0BEyNbl2VeL_Vl6P8UWFm49cmkgNZz2fQD_7805ea5Uh2CjmMg-YsbpTIUAvgttD1dzD5_YK2tV0MJEKK8ZvGdaJdRwBsRoW84iY8p9XiQZV638AM_INDMxM5TNCHwzBo-iJ329XDCXKKZ16EL24kRhmqOoLTSWizkBEGC1PxTT1Fmixsdo52QagrSyNin36u8BvFXSbhvC9EhxrVXCAYZxbZEaj1GQIVysCw7nWluXuu6dcRN3sNmZ1tccGTr98xq2iW9ZJE3hg4ewZt4XcvQUAjfJoMQJDUWodXOfTa6Z2njWxPS2w&_tn_=-R)

2) We hung posters up the in the Agriculture building about our workdays.

4. Provide evidence of how you used the Green Fund Marker in your project

Come out to the Tree Improvement Center and see the progress some time. It looks really nice!

5. Is there anything you would do differently if you were to do a similar project in the future? If so, please describe.

More time because forestry practices take a lot of prep work and time to see the outcome

6. Provide as an attachment to the email (see email address below) a minimum of 5 digital images. Images should be of high a quality as possible and be attached in jpg format, if available. Images will be used to promote interest in sustainability projects on campus and may be used on our website and in other promotional material. These can be photos of the progress of the project or the completed project. Provide captions for photos here.









7. List suggestions for the SIU Sustainability Council to improve the Green Fund Award Process here:

I think focusing on the project at hand and not focusing on promoting the project for likes or reognition is more important.

Final Report forms should be sent electronically, in editable Microsoft Word format, to greenfund@siu.edu. This should be completed before requesting final reimbursement. A Sustainability Council designate will review final reports before releasing funds.