

**Contract No. 005-079**

“North Dakota Youth Pollinator Habitat Program”

Submitted by Pheasants Forever, Inc.

Principal Investigator: ~~Matthew Olson~~-Rachel Bush

Directives C, A, B & D

**PARTICIPANTS**

<b>Sponsor</b>	<b>Cost Share</b>	
Pheasants Forever, Inc. (Cash)	\$ 5,000	
Pheasants Forever, Inc. (in-kind)	<u>\$11,225</u>	
Subtotal Cash Cost Share		\$16,225
 North Dakota Industrial Commission	<u>\$20,000</u>	
		<u>\$20,000</u>
Total Project Cost		\$36,225

Project Schedule – 2 years  
Contract Date – 10/8/2015  
Start Date – 7/1/2015  
Completion Date – August 1, 2018\*

Project Deliverables:  
Status Report: February 1, 2016 ✓  
Status Report: August 1, 2016 ✓  
Status Report: February 1, 2017 ✓  
Status Report:\* August 1, 2017 ✓  
Final Report: August 1, 2018\* ✓

**OBJECTIVE/STATEMENT OF WORK:**

Increase awareness about decreasing pollinator populations, educate the general public on the importance of habitat for pollinators and establish at least 10 quality pollinator habitat areas across the state. Funding was approved with the contingency that the North Dakota Department of Agriculture is given an opportunity to review and agree to the curriculum that will be provided to the participants.

**STATUS:**

Contract 005-079 - Has been executed.

The Agriculture Department has reviewed and approved the curriculum that will be provided to the participants in the program.

**Status Report received. It states that:**

The ND Youth Pollinator Habitat Program kicked off on July 1, 2015. Pheasants Forever staff spent a great deal of time the last seven months promoting the partnership by developing a number promotional items that were used at Pheasants Forever district meetings conducted in August of 2015. (Note: the ND Outdoor Heritage Fund logo was placed on all promotional materials created). Promotional items produced include a one page promotional hand-out (attached), grant application, grant contract, webinars (n=2), and the ND Youth Pollinator Habitat Program Webpage ([www.pfqfhabitated.blogspot.com](http://www.pfqfhabitated.blogspot.com)). In addition, Pheasants Forever staff worked with the ND Department of Agriculture to update curriculum that will be offered to chapters working with classrooms to establish pollinator projects.

Pheasants Forever staff conducted six district meetings in August of 2015 where the new ND Youth Pollinator Habitat Program was introduced. The partnership program was promoted at each meeting and potential grant applicants were directed to our website ([www.pfqfhabitated.blogspot.com](http://www.pfqfhabitated.blogspot.com)) where they will find a page dedicated to the ND Youth Pollinator Habitat Program. Potential applicants are

required to watch a recorded webinar that is designed to walk them through the application process as well as provide them with the basic guidelines of the program. Potential applicants can apply for a grant by downloading the application, application budget, and grant agreement on our website.

Pheasants Forever staff provided additional promotion and training on the ND Youth Pollinator Habitat Program at the Pheasants Forever State Habitat Meeting held in Bismarck, ND on January 28<sup>th</sup>. A program specific presentation was provided to all attendees that detailed the program and recognized the ND Outdoor Heritage Fund as a major partner. Pheasants Forever staff also talked with Fish & Game staff on identifying wildlife management areas where projects could be conducted.

In summary, the majority of the time spent on the program the last seven months has been developing materials to help promote the program to Pheasants Forever chapters and our partners across the state. The next phase in the project is to identify project sites to be established in 2016. Chapters and partners have shown a great deal of interest in the program, and we anticipate a number of applications in the next few months.

**August 1, 2016 - Status Report received. The Status Report states:**

Pheasants Forever (PF) conducted two Youth Pollinator Habitat Projects this spring. The Sargent County PF Chapter conducted their event at the Silver Lake County Park on May 17, 2016. The chapter recruited the North Sargent 4<sup>th</sup> grade class to help them plant the project. Students from North Sargent hand planted the one acre pollinator project by hand broadcasting seed and planting plugs. Students from North Sargent also learned about the importance pollinators' play in global food production and the relationship between predators and prey. Other partners who made this project possible include the Sargent County Park Board/Silver Lake Park staff, Sargent County Road Department, and the Sargent County Weed Board. There were 15 students and 5 adults who participated in this pollinator event. A total of 57 volunteer hours were spent planning and conducting this project.

The Knife River Pheasants Forever Chapter conducted their Youth Pollinator Habitat Project event at the Beulah Mine Wildlife Management Area on May 16, 2016. The chapter hosted the Beulah 4<sup>th</sup> grade class who hand planted the one acre project by hand broadcasting seed and planting plugs. Students from Beulah were also educated on the important role pollinators' play in producing fruits and vegetables, the predator/prey relationship, and the furbearers of North Dakota. There were 62 students and 20 adults who participated in this event. A total of 120 volunteer hours were spent planning and conducting this project. Other partners who made this project possible include the North Dakota Game and Fish Department and Kenny Winkler.

The North Dakota Outdoor Heritage Fund was recognized as a major partner at both events. Signs for each project were created and placed at the project site. Each sign displays the North Dakota Outdoor Heritage Fund logo. The Sargent County Teller published a nice article highlighting the event and all the major partners. The Bismarck Tribune attended the event near Beulah and published a great article highlighting their event as well. In addition, The North Dakota Game and Fish Department put together a nice promotional video highlighting the Knife River PF event. You can view the video on the North Dakota Fish and Game website or on YouTube at <https://www.youtube.com/watch?v=3mClxp58ldo>

Pheasants Forever staff will now concentrate on promoting these events and working with other chapters throughout the state to conduct projects in the fall of 2016 and spring of 2017. Pheasants Forever staff will be conducting district meetings in August 2016 to promote projects and work with chapters and partners on creating new pollinator plots across the state.

**February 1, 2017 Status Report Received - The Status Report states:**

Pheasant Forever (PF) spent the majority of their time this reporting period working to plan projects for Spring of 2017. Pheasants Forever has 4 projects tentatively planned for the Spring of 2017 located near Garrison, Crystal Springs, Beulah, and Tioga. These plantings will be done on a variety of different sites including a Wildlife Management Area, North Dakota State Park, local trap range and a bible camp. Pheasants Forever chapters intend to work with the following youth groups to help plan and establish the projects: 2017 Envirothon teams, Garrison Cub Scouts, Beulah 5<sup>th</sup> Grade, and we are working on identifying a youth group in Tioga. Project planning includes: communicating with the youth groups about the project, going over the curriculum with the teacher, conducting site preparation on the project site (herbicide application), creating seed mixes, and ordering seed. Pheasants Forever staff has spent a total of 137 hours assisting chapters with planning upcoming events and promoting program.

**August 1, 2017 Status Report received. It states:**

Pheasants Forever (PF) conducted two Youth Pollinator Habitat Projects this spring. The Knife PF Chapter conducted their event at the North Beulah Mine on May 17, 2017. The chapter recruited the Beulah 4<sup>th</sup> grade class to help them plant the project. Students from Beulah hand planted the 1/2 acre pollinator project by hand broadcasting seed and planting plugs. Students from Beulah also learned about the importance pollinators' play in global food production. Other partners who made this project possible include the Beulah Public Schools and the North Dakota Game & Fish Department. There were 54 students and 15 adults who participated in this pollinator event. A total of 147 volunteer hours were spent planning and conducting this project.

The Sakakawea Pheasants Forever Chapter conducted their Youth Pollinator Habitat Project event at Fort Stevenson State Park on May 17, 2017. The chapter hosted Garrison Cub Scouts who hand planted the one acre project by hand broadcasting seed and planting plugs. Participants from Garrison were also educated on the important role pollinators' play in producing fruits and vegetables. There were 14 students and 10 adults who participated in this event. A total of 34 volunteer hours were spent planning and conducting this project. Other partners who made this project possible include the Boy Scouts of America and North Dakota Parks.

The North Dakota Outdoor Heritage Fund was recognized as a major partner at both events. Signs for each project were created and placed at the project site. Each sign displays the North Dakota Outdoor Heritage Fund logo as well as other local and national program sponsors.

If given an extension, Pheasants Forever staff will concentrate on promoting these events and working with other chapters throughout the state to conduct 6 more projects by June, 30, 2018. Pheasants Forever staff will be conducting district meetings in August 2017 to promote projects and work with chapters and partners on creating new pollinator plots across the state.

\*A 1 year no-cost extension has been requested and granted.

*\*Denotes amendment to contract.*

**August 1, 2018 Final Report received. It states:**

Pheasants Forever (PF) and our partners have completed 5 projects on 4.5 acres (list of completed projects included in full report.) There have been 295 individuals who have participated in a pollinator event, and volunteers have donated over 563 hours of time planning, planting, and maintaining project sites. Completed project sites include North Beulah Mine Wildlife Management Area, Fort Stevenson State Park, Silver Lake County Park, and Ottertail Power Company Property.

The North Dakota Outdoor Heritage Fund (ND OHF) was recognized as a major partner at all events. Signs for each project were created and placed at all project sites. Each sign displays the ND OHF logo as well as other local and national program sponsors. In addition, the ND OHF was listed as a major partner in various newspaper articles highlighting the community pollinator habitat project.

While we did not expend all of the available funding through the grant, we still feel this program was very successful. Staff turn-over and weather were two factors that prohibited us from delivering all 10 projects and expending all the funding outlined in the proposal. The support from the ND OHF helped us establish a Youth Pollinator Habitat Program in North Dakota that can be used as a template for other Pheasants Forever chapters to conduct similar projects in communities throughout the state. Pheasants Forever intends to continue offering this program throughout North Dakota with support from pollinator and agricultural groups supporting pollinator conservation efforts.

This contract is now closed with a returned commitment of \$13,061.42.

**Updated: 8/13/2018**