

Ag in the Classroom's Mini-Grant Program

2013 applicants (49 applicants seeking \$22,800)

Academy for Children in Fargo (funded at \$255 for wheat grinder) – Students will be learning all about wheat in several lessons throughout the year. The lessons will also be incorporated in parent nights, at the local senior citizens group, and at the Salvation Army. (10 students, 45 families)

Belfield FFA (funded at \$150 for shop supplies) – Students from southwest ND will be invited to District 8 Junior High Agricultural Day in Belfield. Students will come to learn about FFA, agriculture education and leadership through various workshops. (120 students)

Bismarck Public Schools (funded at \$500) – Sixth grade students will attend activities at the Bismarck Earth Day Celebration, read five short stories that offer insight into what plants need to grow and then plant their own flowers plants which they will study. Funds will be used for Reading Green Kit. (150 students)

Bottineau FFA (not funded) – FFA members will teach the “Exploding Cheeseburger” program to third graders in Bottineau. This program introduces students to the agricultural industry, where food is produced, and how crops are processed. (70 students)

Carrington FFA (funded at \$350 for pasta extruder) – FFA members will teach elementary students how macaroni and cheese gets from the farm to the plate. Lessons will include how durum wheat is grown and made into semolina and eventually how it is made into elbow macaroni. Students will also learn about the dairy industry and how cheese is made. (102 students)

Center FFA (funded at \$300 for dissection materials) – Students will learn the anatomy of a pig and about animal digestion. Activities include a pig dissection. (39 students)

Circle of Nations School in Wahpeton (not funded) – Students will learn about sustainable food systems and Native American agricultural contributions; they will also gain better nutritional habits and grow a portion of the food they eat in school. (200 students)

Dickinson FFA (not funded) – Students will learn what GPS/GIS is, how it works, uses and careers, and why it is becoming more and more important. (65 students)

Divide County FFA (funded at \$150 for materials) – FFA members will hold sessions with all the elementary students. The first session will be to teach the students where their food comes through mini-lessons called “food labs” and by making fruit pizzas and discussing the ingredients. The second session will be in the spring and the FFA members will teach students the basic parts of the plant and help the younger students plant seeds to take home. (265 students, 20 adults)

Drake/Anamoose High School (funded \$200 for curriculum) – Students in agricultural education class will learn about agronomy. The Plant ID CD and Seeds 4.0 ID program will allow the students to become familiar with each type of seed and plants that are grown in North Dakota and Minnesota. (15 students)

Farm Safety 4 Just Kids in Bowbells (not funded) – The purpose of the project is to educate youth and adults about safe practices and ND laws while riding off highway vehicles (OHV). The ND Parks and Recreation Dept. conducts testing and certification for students. (90 students)

Grace Lutheran School in Fargo (funded at \$200 for manure, seed and maintenance materials) – Students will assist in maintaining and planting the school garden they started last year. Students will plant, water, weed, fertilize, and harvest the garden to use in the school lunchroom. (130 students)

Grenora Ag Shop (not funded) – Students will gain a basic understanding of woodworking and learn to use a laser engraver. Students will engrave pencils and make a trinket box. (40 students)

Griggs County Extension (funded at \$150 for curriculum and supplies) – Students will learn how soybeans are grown, how much is grown in Griggs County, how soybeans are used, and the nutritional use of soybeans. Students from Cooperstown and Midkota school will be participating in the program. (166 students)

Grimsrud Elementary in Bismarck (funded at \$250 for supplies) – Students will learn about healthy choices for their plate, about wheat and how it is produced, and about dairy products in ND. Students will visit a grocery store and a dairy. Projects include making ice cream in a bag and also bread in a bag. (43 students)

Gussner Elementary School in Jamestown (not funded) – Teachers will take 4th grade students to tour a dairy farm and a small grains farm. (42 students)

Kindred High School (funded at \$400 for supplies and materials) – Agricultural education high school students will teach third grade students about agriculture on a monthly basis throughout the school year in a program called PALS. Some of the presentations will include information on seeds and gardening, soil testing, and farm safety. (60 students)

Langdon Area Elementary (funded at \$400 for garden supplies) – The purpose of the project is to teach students how to grow a sustainable garden while learning about crops throughout North Dakota. Students will construct a garden and grow vegetables and crops which will be used as part of the students' snacks/lunches. (65 students)

Langdon Area Elementary (not funded) – Fourth grade students will learn about what crops are grown in North Dakota. Classes will focus on the area of plant growth, the role of weather in crop production and causes/effect, learning about crop production in ND and ND's effect on the food supply. (20 students)

Lidgerwood High School (not funded) – This project will enhance student awareness by providing students a scientifically-based experiment to map and test areas of a lake suspected of runoff pollution. The point is to make students aware that pollution is everyone's concern and that everyone is responsible for the protection of our water supply. (30 students)

Lisbon FFA (funded at \$200 for supplies) – FFA members will teach elementary classes (grades 1-6) about production agriculture, using the Food for America curriculum. Students will learn about soil, water, vegetables, fruit, beef, bread, and ice cream. (306 students)

Louis L'Amour School in Jamestown (not funded) – Eleven lessons will be shared with students in kindergarten, first and second grades which focus on promoting agriculture by stressing healthy aspects of food as well as where food comes from. The Stutsman County Extension Service will present this information and they will also discuss safe food preparation. (60 students)

Maddock FFA (funded at \$300 for curriculum) – FFA members will work with local 4-H groups to promote an afterschool agriculture program for 4-H and FFA youth. Lessons will include food science activities, reading programs, plant detectives, fast-food agriculture, and games to help youth learn more about agriculture. (25 students)

Mandan Middle School (funded at \$300 for curriculum) – Seventh and eighth grade students will learn about food science in a variety of hands-on activities. Students will learn about cheese making, crop identification, dehydration of food, and biodiesel production. (112 students)

McClusky FFA (funded at \$400 for chickens, feed, and equipment) – The FFA will purchase eight different breeds of poultry (200 chicks total) and bring them to the elementary school to show students the chicks and talk about poultry production. FFA members will take photos of the breeds as they mature and track the feed they eat. Each week, FFA members will show the elementary students how the chicks are maturing. Next students will incubate eggs and show the younger students how eggs reach maturity. (60 students)

Metigoshe Ministries near Bottineau (funded at \$350 for seeds and tools) – Volunteers before camp starts will do plot preparation of the garden. They will add fertilizer and plant the garden. Campers during the summer will learn about gardens and where their food comes from. Sessions will include information on how seeds grow, nutritious versus non-healthy goods and care for the earth. Campers will weed, care for the soil, and harvest the produce. Vegetables are harvested weekly and used at camp mealtime. (600 students)

Mott/Regent FFA (funded at \$250 for books) – The local school district will match the funds from this grant to purchase library books that educate students on agricultural issues.

ND Youth Correctional Center (funded at \$390 for supplies) – Students help plant, grow, and harvest product from the center's garden. The vegetables are used by the school and the cafeteria. (80 students)

Newburg United School/Westhope Public School (not funded) – FFA members will teach younger students about food production. The classes will tour a local garden and local creamery and have a demonstration of making flour out of wheat. (190 students)

Oakes/Sargent Central FFA (funded at \$200 for curriculum) – Students from Oakes, Sargent Central, and Ellendale will be learning about agronomy, meats and livestock in their agriculture education classes. (150 students)

Powers Lake FFA (not funded) – The goal is the project is to enhance student awareness of wildlife. FFA members will use Lifeform Track molds and a wildlife ID techniques DVD to assist the 9th grad ag class to prepare for the Envirothon. (11 students)

Ransom County Extension 1 in Lisbon (funded at \$400 for demonstration supplies and planting supplies and seeds) – Third grade students will go to a local farm and learn about growing their own food in a garden. The project is called “Farmer for a Day.” (85 students)

Ransom County Extension 2 in Lisbon (funded at \$250 for first aid kit supplies) – Elementary students will be invited to Progressive Agriculture Safety Day. These students will hear about fire safety, first aid, grain safety, weather safety, tractor safety, lawn mower safety, farm equipment safety, internet safety, food safety, roadway safety, PTO demonstration, and ATV safety.

Richland 44 FFA in Colfax (not funded) – Students from North Dakota, South Dakota and Minnesota will be invited to participate in an AgriScience Career Day in Colfax. Students will compete for awards in both the agricultural science fair and poster display competitions. In addition, colleges and agricultural companies will be invited to set up booth displays promoting their programs. Funds will be spent for awards, meals, and judges. (200 students)

Rolla FFA (funded at \$300 for soil testing kits) – NPK Day will teach the students why it is important to have good soil for growing crops in a field or plants in a garden. Students will test the soil in the community and learn how to determine soil texture and slope and how to improve the conditions. (27 students)

Scranton FFA (funded at \$300 for materials for projects) – FFA members will provide agricultural lessons at an afterschool program for grades K-4. Lessons will include how to grow seeds, make bird feeders, carve pumpkins, make woodworking projects, use seeds for an art picture. These lessons will also include reading agricultural reading books that were purchased with Ag in the Classroom funds a few years ago. (14 students)

South Heart FFA (not funded) – The project will teach students where dairy products come from and how they are developed. Elementary students will be introduced to many different dairy products and will learn about food science.

SRCTC in Oakes (funded at \$300 towards materials for workshops) – FFA students from the area (Wyndmere, Wahpeton, Kindred, Lisbon, Colfax, Lidgerwood, Gwinner, Oakes/SC, Central Cass and LaMoure) will be invited to Oakes for a Junior High Ag Activity Day. Students will learn about agricultural opportunities, careers and the FFA. Students will also learn about leadership qualities. (250 students)

Stanley FFA (funded at \$250 for instructional materials) – FFA members will host a Farm Safety Day and also work with elementary students to present the Food for America program. The Farm Safety Day will teach students about animals, PTO safety, tractor safety, ATV safety, and grain handling safety. (850 students)

Sunrise Elementary 1 in Bismarck (funded at \$300 for wool) -- Students in kindergarten and second grade will be reading or being read to from a variety of informative texts and literature about life on the farm with the primary focus on sheep and wool production. Students will make wool pillows and felt their own wool to take home. (220 students)

Sunrise Elementary 2 in Bismarck (not funded) – Students in second grade will go on a study trip to learn how dairy cows are cared for and milked at Bessie’s Family Farm near Sterling. They will learn about dairy products and how it is made ready for the local market. (96 students)

Velva FFA (funded at \$305 for soil testing kits and soil curriculum) – High school students will gain an understanding of how important soil health is to growing plants of all types, not just in gardens, but also in the fields for crops. The students will be involved in outdoor labs this fall and next spring testing soil PH, electrical conductivity, nitrogen and phosphorous content as well as identifying soils by their color. A guest speaker from the soil conservation district will present on local soil conservation efforts and how to make an impact on area agriculture using soil testing. (23 students)

Walsh County Extension Service in Park River (not funded) – Students will learn about nutrition and where and how vegetables are grown. Students will sprout beans and learn how beans can be used in recipes. (400 students)

West Fargo Public Schools (not funded) – GPS units will be used with third and fourth grade students. Students will learn how the global positioning satellite system works and how it is used in the agricultural field. (1400 students)

WFHS in West Fargo (funded at \$500 for supplies) – The purpose of the project is to increase student awareness of the importance of apiculture and the link between bees and humans. A honey bee hive will be embedded in the window of the school greenhouse and students will be actively involved in researching, caring for, and managing the bee population of the hive. (125 students)

Williston Agriculture Education Class (funded at \$300 for materials for testing) – Students will learn to properly and accurately test for moisture, aeration, pH, nitrogen, phosphorus, and organic matter in soil. (60 students)

Wishek FFA and Wishek Elementary (funded at \$500 for grow lamps) – Students in the elementary and high school will grow fruits and vegetables while learning about the stages of growth in the plant’s life cycle. (220 students)

Wolford School (funded at \$100 for books and a movie) – Students in fifth and sixth grade will read the novel Little Joe and learn about training and showing a bull calf at the county fair. The students will also watch a movie “Grand Champion” about a boy who raises a prize-winning steer. Students will gain knowledge of beef production and also about dairy cattle. (10 students)

Wyndmere Ag Ed (funded at \$500 for soil testing equipment) – High School students will learn about soil testing and use their skill in the school greenhouse to make sure the plants are receiving the proper nutrition. (24 students)