

2011 Ag in the Classroom Mini Grant Applicants

46 applied and 36 received funding

Academy for Children (Fargo) – **Funded at \$250 for raised beds:** The students will visit a farmers' market and then make a trip to a farm. They will study plants. They will then design, build, and plant raised beds. (42 students affected)

Adams-Edmore High School (Adams) – Not funded: The students in grades K-6 will learn about greenhouses, planting seeds, and environmental effects such as precipitation, humidity, wind, and cloud cover. Students will germinate seeds, get the garden space ready for planting, and start the seeds or cuttings in the spring. (37 students affected)

The Afterschool Place (Bismarck) – Not funded. Students will visit and explore three farms and then learn about agricultural crops grown in ND. They will learn how to make, bake, and take breads. (52 students affected)

Barnes County North School (Rogers) – **Funded \$150 for plant stand:** Students will learn about life cycles of vascular and nonvascular plants, recognize and grow typical ND crops and grow garden vegetables. (15 students affected)

Bishop Ryan High School (Minot) – **Funded \$100 for Fresh Food video:** Students will learn about the food guide and how agriculture is a part of producing fresh foods. (110 students affected)

Bowbells Public School (Bowbells) – **Funded \$100 for container gardens:** Students will learn about nutrition, sources of healthy food, and plants using container gardens and a field trip. (26 students affected)

Centennial Elementary (Bismarck) – **Funded \$250 towards ND Agriculture textbooks:** Centennial's 4th grade students will use the ND Agriculture textbooks to understand the source of America's food is from the farm and ranch. Students will also take a field trip to Agri-International and the Mandan Ag Day. (85 students affected)

Central Cass Schools (Casselton) – **Funded \$500 for sand and water table and lamp with suspension kit:** Funds will be used to build a garden table where students will learn about plants and soil. (48-65 students affected)

Central Elementary School (Wahpeton) – **Funded \$400 knitting machine, comb, cone holder:** Students will get a hands-on experience with cotton and wool. They will learn about how wool becomes yarn and will knit winter scarves. (20 students affected)

Century Elementary School (Grand Forks) – **Funded \$390 towards 30 copies of ND Agriculture with teachers' curriculum:** Fourth grade students will learn about agriculture in our state and learn historical perspective with the ag trunk. Students will do presentations about the state. (86 students affected)

Clara Barton Elementary (Fargo) – Not funded: Students will research history, agricultural products, people and resources of ND. They will use craft items to make a ND map and write about the items.

Dakota Memorial School at Dakota Boys and Girls Ranch (Minot) – **Funded \$200 towards fabric:** This project will bring knowledge of the grains/plants grown in ND, products made from them, and the nutritional value of these products. The students will also use grains/seeds to make art projects including a quilt and a bulletin board. Students will have an Ag in the Classroom Day with foods made in ND. (80 students affected)

Divide County FFA (Crosby) – **Funded \$200 towards Dual Spectrum Bubbleponics kit:** Students will learn about hydroponics and why it is useful. Students will grow plants hydroponically and conduct experiments on plant nutrition. (20 students affected with possibility of sharing this with 3 other schools)

Dorothy Moses Elementary (Bismarck) – **Funded \$100 towards materials:** Students will go on a field trip to Kist Livestock to learn about buying and selling of ag products. They will also learn about animal agriculture from birth to plate. They will also go to Northern Great Plains Research Laboratory to learn about commodities. (60 students affected)

Dunn County Extension Service (Killdeer) – **Funded \$125 for games and curriculum.** Students from Killdeer FFA and extension agents will teach students about where their food comes from with presentations and games. (75 students affected)

Farm Safety 4 Just Kids (Bowbells) – **Funded \$400 towards helmets:** Students will bring their parents to an ATV safety course where they will learn about safe practices and ND laws while riding an ATV. (64 students affected)

Farming Around Program (Harwood) – Not funded: Grades 1-4 will take part in a 90 minute program to learn about farms, farm animals, and crops grown in ND. The students will pick out grocery items with local crops as an ingredient. (220 students)

Grimsrud Elementary School (Bismarck) – Not funded. Second grade students will learn about the food pyramid, making healthy choices, experiencing how plants/crops are grown, and learning about ND crops. Students will create a model of a food pyramid and have a presentation from a local farmer (45 students affected)

Hettinger County Extension (Mott) – **Funded \$100 for PTO parts:** Extension agents will teach students in Hettinger County schools about farm safety including the importance of working around PTO's, lawn mowers, electricity at a Safety Camp day. (65 students affected)

Holy Spirit School (Fargo) – Not funded: Students will learn about farming and farming equipment. (20 students affected)

Larimore FFA (Larimore) – **Funded \$250 for fluorescent lights:** Students enrolled in electrical wiring class will wire the racks and install timers for plants. The horticulture students will start the seedlings and transplant the plants into flats. The flowers will be used around the school and the vegetable plants will be used in the school garden and for students' home gardens. Vegetables will be distributed to the local food pantry. (25 students)

Louis L'Amour Elementary (Jamestown) – **Funded \$450 towards curriculum about healthy eating and nutrition:** Elementary students will become aware of healthy eating and also how food arrives at their table. (55 students affected)

Maddock FFA (Maddock) – **Funded \$400 for materials to build pens:** FFA members will hold a Maddock Renaissance Festival to promote agriculture for all ages in the community. They will have a petting zoo and have booths featuring farm safety education. Students will also assist youth in a pumpkin carving contest and corn maze. (43 students affected)

Madison Elementary (Fargo) – **Funded \$250 towards crafts and crop information:** Students will participate in a fall festival at the Rheault Farm in Fargo to help them understand agriculture and the season of fall. (200 students affected)

Missouri Valley Montessori (Bismarck) – **Funded \$300 towards wood to build raised gardens.** Students will plant, grow, and care for plants during the spring and summer. (90 students affected)

Mountrail County Extension (Stanley) – **Funded \$270 for dehydrator:** Students will learn about high value meats products production and learn the lost art of making jerky and pepper sticks for a healthy and nutritional snack. Students will also learn about different meat cuts used for a quality meat end product. (150 students affected)

ND FFA Foundation (Bismarck) - **Funded \$100 towards Food for America Program:** FFA Chapters will participate in the Food for America program, holding activities during the year spreading the word about the importance of agriculture in ND. (2000 students affected)

ND Stockmen’s Association (Bismarck) - **Funded \$400 to go towards event expenses:** The association will hold a Junior Beef Expo in June which draws junior beef cattle breeders from across the state to learn more about the beef industry, show their heifers and steers, and network with other junior beef producers. The funds will be used for the Carcass Merit Contest which explores the importance of producing beef with high carcass values. (100 students affected)

Oakes/Sargent Central FFA (Oakes) – **Funded \$200 general sponsorship:** FFA members will host a Junior High Ag Activities Day where students from area schools will learn about agriculture opportunities, careers and the FFA. (200 students affected)

Oakes - Southeast Region Career and Tech Center (Oakes) - **Funded \$500 for Intelliprep’s Retail Meat Team Combo Pack and curriculum:** Students from Wahpeton, Wyndmere, Richland 44, Lisbon, Lidgerwood and Oakes will learn about meat sciences. (200 students affected)

Park River FFA (Park River) – **Funded \$200 for wood for raised garden beds:** Students will visit a local farmers market. They will design and build a raised bed for their garden and pick out plants. They will water and maintain the garden in the summer and host a parent event in the fall with the produce. (129 students affected)

Parshall FFA (Parshall) - **Funded \$400 towards grain mill, pasta maker and refrigerator.** Students will learn about the origins of their food and learn about the importance of quality products and food safety and sanitation. (180 students affected with possibility of rotating the lessons to Ray and Divide County)

Pembina County Extension Service (Cavalier) – **Funded \$250 for storage totes, toaster oven, cooking equipment, popcorn popper:** Students will be using the “Key Ingredients: America by Food” at the local museum. Lessons will focus on potatoes, corn, beans, squash and fruits. They will also learn about Lewis and Clark’s diet and compare it to the USDA recommendations. (100 students affected)

Powers Lake FFA (Powers Lake) – **Funded \$300 towards auto-darkening welding helmets:** Students will learn about the importance of safety in Ag II class. They will use the equipment requested to be safer when welding.

Ransom County Extension (Lisbon) – **Funded at \$200 for general sponsorship:** Students will participate in a Progressive Ag Safety Day. They will learn about driving on gravel roads, how to respond to accidents, and other farm safety issues. (200 students affected)

Ransom County Extension (Lisbon) – Not funded. Students will make booklets about ND agriculture products and showcase their projects with school-wide displays. They will also tour an agriculture facility such as a processing plant or local farm. (25 students affected)

Ray FFA (Ray) – **Funded \$425 for aquatic pump systems, barrels, tilapias, processing materials, and water testing kit:** Students will set up a small scale recirculation aquaculture systems and raise tilapia fish. (120 students affected) Students from Divide County and Parshall Schools would be invited to use the equipment on a rotation basis.

Ray Elementary (Ray) – Not funded: Students will work on 8 projects throughout the year with Food Land and People Units and the Ag in the Classroom Ag Mag. (16 students affected)

Richland 44 Ag Education Dept. (Colfax) – **Funded \$450 to purchase a PASCO Science Learning Systems, Quad Temperature Sensor.** Students will use this equipment to perform a number of experiments and to help them conduct testing in agriscience classes. The students will learn about food chemistry, solar energy, soil testing, etc. (190 students affected)

Rugby FFA (Rugby) – **Funded \$350 for soil:** Rugby school is building a greenhouse. The greenhouse will enhance the horticulture curriculum while providing a hands-on learning tool for students for years to come. (165 students affected)

Saxvik Elementary School (Bismarck) – Not funded: Fourth grade students will learn about the role of agriculture in ND, the importance of agriculture in our state's economy, the economics of running a farm or ranch and the history of agriculture in ND. Students will learn these concepts through projects and three fieldtrips: one to Ag Day at the Civic Center, one to a ranch or farm, and one to Buckstop Junction. (40 students affected)

Schroeder Middle School (Grand Forks) – Not funded: Students will maintain and improve the butterfly garden they established in 2004. Various departments and classes in the schools currently use the garden for projects such as art, science, English, and ND studies. (500 students in the school)

Turtle Lake/Mercer FFA Alumni (Turtle Lake) – **Funded \$200 to go towards general sponsorship:** The local FFA alumni will host a day for junior high students to learn about agriculture related careers. Ten area schools will be invited with possible speakers from the FSA, conservation service, ND Farm Bureau, Noyes Apiaries, ND Game and Fish, and North American Deer Farmers Assn. (100 students affected)

Velva Public School (Velva) – **Funded \$200 towards digital voice recorders:** Students will become educated and aware of the wide range of different ND agricultural topics and their impact on our state. Each student will create their own podcast by doing research on an agricultural-based subject. (13 students affected)

Walsh County Extension Service (Park River) – Funded \$300 towards food dehydrator, hot pot, ice cream maker: Extension agents will provide a variety of hands-on learning kits for teachers and 4-H leaders to share with students on how Americans grow, prepare and serve food. Students in grades 3-5 will learn about food practices, consumption patterns, and how the growing of food has changed over the years. (100 students affected)

Williams County Extension Service (Williston) – Funded \$350 towards grow boxes and fluorescent lights: Extension agents will work with students ages 6-13 to help students understand the Farm-To-Table process. Students will plant, nurture, and harvest produce and then market their product to the school system for the food service in the school. (320 students affected)