

## 2020 North Central Youth Educator Grant Projects Recommended for Funding

| Project #   | Title  | PI Name              | Primary Grantee   | State | \$\$ Amt Funded | Cumulative | Brief Description   |
|-------------|--|----------------------|---|-------|-----------------|------------|---|
| YENC20-144  | FarmBot Project  | Mark Becker          | University of Illinois 4H Extension                         | IL    | \$ 4,000        | \$ 4,000   | With Illinois 4-H, the University of Illinois, and the FarmBot company we will establish an educational program engaging local youth in solar-powered Ag-Tech.  |
| YENC20-145  | Sustainable hydroponic farming as a viable career path for the youth in Butler County Missouri   | Juan Cabrera-Garcia  | University of Missouri Extension                            | MO    | \$ 4,000        | \$ 8,000   | This project aims to teach high school students about sustainable hydroponic farming as a viable career path.   |
| YENC20-146  | Going Hog Wild: A sustainable agriculture project raising pastured pigs. Students manage all aspects of pork production, breeding-to-market. | Jennifer Bauer       | Blue Valley Center for Advanced Professional Studies (CAPS) | KS    | \$ 4,000        | \$ 12,000  | Using sustainable practices, students make management decisions (nutrition, breeding, farrowing, finishing & marketing) for our pastured pig operation.         |
| YENC20-147  | Youth Soil Health Investigators  | Jennifer Hahn        | Minnesota Soil Health Coalition                             | MN    | \$ 4,000        | \$ 16,000  | Local FFA students learning on-site from farmers about regenerative agriculture and providing soil health testing services for area farmers.                    |
| YENC20-148  | Pathways to Produce: Learning to Maximize Aquaponics Systems for Local Food Production   | Susan Hernandez      | Saint Louis Science Center Foundation                       | MO    | \$ 4,000        | \$ 20,000  | This project harnesses an aquaponics system to teach youth about sustainable agriculture using informal science education at the Saint Louis Science Center.    |
| YENC20-149* | DCCG Sustainable Agriculture Summer Camp   | Dan Kenney           | DeKalb County Community Gardens                             | IL    | \$ 2,160        | \$ 22,160  | A summer camp experience for youth with and without developmental disabilities to learn and practice sustainable agriculture methods and follow the food trail. |
| YENC20-150  | Educating Youth in Sustainable Farming and Value Added Production.   | Lance Kraai          | New City Neighbors  | MI    | \$ 3,981        | \$ 26,141  | Youth will be introduced to sustainable agriculture through curriculum and hands-on employment in a CSA vegetable farm and in value added production.           |
| YENC20-151  | Queens: One key to honeybee sustainability   | Steve McNair         | Salem4youth   | IL    | \$ 3,952        | \$ 30,093  | Hands on instruction in honeybee queen rearing from the egg stage through introduction of a new queen into a hive. The value of local queens to hive success.   |
| YENC20-152  | Creating Youth Leaders Using Sustainable Urban Agricultural Practices  | Alexandria Pettigrew | Purdue Extension  | IN    | \$ 3,828        | \$ 33,921  | We will work with underprivileged youth in vulnerable areas of Indianapolis to develop community leaders who will teach their peers urban farming practices.    |
| YENC20-153  | Establishing an Uncommon Orchard with Native Plant Understory  | Mark Quee            | Scattergood Friends School                                  | IA    | \$ 4,000        | \$ 37,921  | We will convert approximately one acre of underutilized pasture into an orchard with uncommon fruit and nut trees and bushes, with a native plant understory.   |

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| YENC20-154* | Community Fruit Tree and Medicinal Herb Nurseries Project                         | Gus von Roenn | Omaha Permaculture           | NE | \$ 4,000 | \$ 41,921 | This pilot project utilizes extra City vacant lots to teach challenged youth about growing food for health and resilience with 4H and high school students. |
| YENC20-155  | Cheyenne River Youth Project — Traditional Lakota Herbs, Fruits, and Roots Garden | Julie Garreau | Cheyenne River Youth Project | SD | \$ 4,000 | \$ 45,921 | Putting together a garden (.5 acres) that showcase more than 50 species of native plants of historic Lakota use and yield substantial harvest ...           |