USDA Climate Hub Building Block: Nitrogen Stewardship

USDA Climate Hubs are working with farmers, livestock producers, pasture and forest landowners to effectively partner in ways to help mitigate and adapt to a changing climate. Next in our series on the 10 Building Blocks for Climate Smart Agriculture and Forestry is Nitrogen Stewardship.

Within the United States, agriculture is a significant source of nitrous oxide (N2O) emissions—a greenhouse gas (GHG) that has a global warming potential 250 times more than carbon dioxide (CO2). In 2013, cropland agriculture released approximately 136 MMTCO2e (Million Metric Tons of Carbon Dioxide-Equivalent) in direct N2O emissions. More than half of these N2O emissions are from synthetic fertilizers and organic amendments. Improved nitrogen management practices can reduce emissions from these sources.

The primary practice used in the Nitrogen Stewardship Building Block to reduce GHG emissions involves the 4Rs: right source, right rate, right time, and right place. The 4Rs come from the NRCS Conservation Practice Standard (CPS) Nutrient Management (590). To read more about Nitrogen Stewardship click the following link or copy and paste the link into your web browser:


For more information about the USDA Climate Hubs click here:

http://www.climatehubs.oce.usda.gov/
USDA Announces Streamlined Guaranteed Loans and Additional Lender Category for Small-Scale Operators

Options Help More Beginning, Small and Urban Producers Gain Access to Credit

The U.S. Department of Agriculture (USDA) announced the availability of a streamlined version of USDA guaranteed loans, which are tailored for smaller scale farms and urban producers. The program, called EZ Guarantee Loans, uses a simplified application process to help beginning, small, underserved and family farmers and ranchers apply for loans of up to $100,000 from USDA-approved lenders to purchase farmland or finance agricultural operations.

USDA today also unveiled a new category of lenders that will join traditional lenders, such as banks and credit unions, in offering USDA EZ Guarantee Loans. Microlenders, which include Community Development Financial Institutions and Rural Rehabilitation Corporations, will be able to offer their customers up to $50,000 of EZ Guaranteed Loans, helping to reach urban areas and underserved producers. Banks, credit unions and other traditional USDA-approved lenders, can offer customers up to $100,000 to help with agricultural operation costs.

EZ Guarantee Loans offer low interest rates and terms up to seven years for financing operating expenses and 40 years for financing the purchase of farm real estate. USDA-approved lenders can issue these loans with the Farm Service Agency (FSA) guaranteeing the loan up to 95 percent.

USDA is providing a 90-day period for the public to review and comment on program improvements. To review program details, visit www.regulations.gov, reference RIN 0560-AI34 and follow the instructions to submit comments.

More than half of all FSA loans go to new farmers and more than a quarter to underserved borrowers. FSA also offers loans of up to $5,000 to young farmers and ranchers through the Youth Loan Program. Loans are made to eligible youth to finance agricultural projects, with almost 9,000 young people now participating. More information about the available types of FSA farm loans can be found at www.fsa.usda.gov/farmloans or by contacting your local FSA office. To find your nearest office location, visit http://offices.usda.gov

Margin Protection Program for Dairy Enrollment Deadline is Dec. 16

The deadline for dairy producers to enroll in the Margin Protection Program (MPP) for Dairy is Dec. 16, 2016. This voluntary dairy safety net program, established by the 2014 Farm Bill, provides financial assistance to participating dairy producers when the margin – the difference between the price of milk and feed costs – falls below the coverage level selected by the producer. A USDA web tool, available at www.fsa.usda.gov/mpptool, allows dairy producers to calculate levels of coverage available from MPP based on price projections.
USDA Offers New Loans for Portable Farm Storage and Handling Equipment

Portable Equipment Can Help Producers, including Small-Scale and Local Farmers, Get Products to Market Quickly

USDA’s Farm Service Agency (FSA) will provide a new financing option to help farmers purchase portable storage and handling equipment. The loans, which now include a smaller microloan option with lower down payments, are designed to help producers, including new, small and mid-sized producers, grow their businesses and markets.

The program also offers a new “microloan” option, which allows applicants seeking less than $50,000 to qualify for a reduced down payment of five percent and no requirement to provide three years of production history. Farms and ranches of all sizes are eligible. The microloan option is expected to be of particular benefit to smaller farms and ranches, and specialty crop producers who may not have access to commercial storage or on-farm storage after harvest. These producers can invest in equipment like conveyers, scales or refrigeration units and trucks that can store commodities before delivering them to markets. Producers do not need to demonstrate the lack of commercial credit availability to apply.

Earlier this year, FSA significantly expanded the list of commodities eligible for Farm Storage Facility Loan. Eligible commodities now include aquaculture; floriculture; fruits (including nuts) and vegetables; corn, grain sorghum, rice, oilseeds, oats, wheat, triticale, spelt, buckwheat, lentils, chickpeas, dry peas sugar, peanuts, barley, rye, hay, honey, hops, maple sap, unprocessed meat and poultry, eggs, milk, cheese, butter, yogurt and renewable biomass. FSFL microloans can also be used to finance wash and pack equipment used post-harvest, before a commodity is placed in cold storage.

To learn more about Farm Storage Facility Loans, visit www.fsa.usda.gov/pricesupport or contact a local FSA county office. To find your local FSA county office, visit http://offices.usda.gov.

New USDA Commitments to Help Build Up Next Generation of Farmers and Ranchers

USDA prioritized $5.6 billion over the next two years within USDA programs and services that serve new and beginning farmers and ranchers. A new, tailored web tool was designed to connect burgeoning farm entrepreneurs with programs and resources available to help them get started.

The new web tool is available at www.usda.gov/newfarmers. The site was designed based on feedback from new and beginning farmers and ranchers around the country, who cited unfamiliarity with programs and resources as a challenge to starting and expanding their operations. The site features advice and guidance on everything a new farm business owner needs to know, from writing a business plan, to obtaining a loan to grow their business, to filing taxes as a new small business owner. By answering a series of questions about their operation, farmers can use the site’s Discovery Tool to build a personalized set of recommendations of USDA programs and services that may meet their needs.

Using the new web tool and other outreach activities, and operating within its existing resources, USDA has set a new goal of increasing beginning farmer and rancher participation by an additional 6.6 percent across key USDA programs, which were established or strengthened by the 2014 Farm Bill, for a total investment value of approximately $5.6 billion. Programs were targeted for expanded outreach and commitment based on their impact on expanding opportunity for new and beginning farmers and ranchers, including starting or expanding an operation, developing new markets, supporting more effective farming and conservation practices, and having access to relevant training and education opportunities. USDA will provide quarterly updates on its progress towards meeting its goal. A full explanation of the investment targets, benchmarks and outcomes is available at: BFR-Commitment-Factsheet.

As the average age of the American farmer now exceeds 58 years, and data shows that almost 10 percent of farmland in the continental United States will change hands in the next five years, we have
no time to lose in getting more new farmers and ranchers established. Equally important is encouraging young people to pursue careers in industries that support American agriculture. According to an employment outlook report released by USDA’s National Institute of Food and Agriculture (NIFA) and Purdue University, one of the best fields for new college graduates is agriculture. Nearly 60,000 high-skilled agriculture job openings are expected annually in the United States for the next five years, yet only 35,000 graduates with a bachelor’s degree or higher in agriculture related fields are expected to be available to fill them. The report also shows that women make up more than half of the food, agriculture, renewable natural resources, and environment higher education graduates in the United States. USDA recently released a series of fact sheets showcasing the impact of women in agriculture nationwide.

The announcement builds on USDA’s ongoing work to engage its resources to inspire a strong next generation of farmers and ranchers by improving access to land and capital; building market opportunities; extending conservation opportunities; offering appropriate risk management tools; and increasing outreach and technical support. To learn more about USDA’s efforts, visit the Beginning Farmers and Ranchers Results Page.

Breaking New Ground

Agricultural producers are reminded to consult with FSA and NRCS before breaking out new ground for production purposes as doing so without prior authorization may put a producer’s federal farm program benefits in jeopardy. This is especially true for land that must meet Highly Erodible Land (HEL) and Wetland Conservation (WC) provisions.

Producers with HEL determined soils are required to apply tillage, crop residue and rotational requirements as specified in their conservation plan.

Producers should notify FSA as a first point of contact prior to conducting land clearing or drainage type projects to ensure the proposed actions meet compliance criteria such as clearing any trees to create new cropland, then these areas will need to be reviewed to ensure such work will not risk your eligibility for benefits.

Landowners and operators complete the form AD-1026 - Highly Erodible Land Conservation (HELC) and Wetland Conservation (WC) Certification to identify the proposed action and allow FSA to determine whether a referral to Natural Resources Conservation Service (NRCS) for further review is necessary.

Update Your Records

FSA is cleaning up our producer record database. If you have any unreported changes of address or zip code or an incorrect name or business name on file they need to be reported to our office. Changes in your farm operation, like the addition of a farm by lease or purchase, need to be reported to our office as well. Producers participating in FSA and NRCS programs are required to timely report changes in their farming operation to the County Committee in writing and update their CCC-902 Farm Operating Plan.

If you have any updates or corrections, please call your local FSA office to update your records.

USDA Expands Microloans to Help Farmers Purchase Farmland and Improve Property

Producers, Including Beginning and Underserved Farmers, Have a New Option to Gain Access to Land

The U.S. Department of Agriculture (USDA) is offering farm ownership microloans, creating a new financing avenue for farmers to buy and improve property. These microloans are especially helpful to
beginning or underserved farmers, U.S. veterans looking for a career in farming, and those who have small and mid-sized farming operations.

The microloan program, which celebrates its third anniversary this week, has been hugely successful, providing more than 16,800 low-interest loans, totaling over $373 million to producers across the country. Microloans have helped farmers and ranchers with operating costs, such as feed, fertilizer, tools, fencing, equipment, and living expenses since 2013. Seventy percent of loans have gone to new farmers.

Now, microloans will be available to also help with farm land and building purchases, and soil and water conservation improvements. FSA designed the expanded program to simplify the application process, expand eligibility requirements and expedite smaller real estate loans to help farmers strengthen their operations. Microloans provide up to $50,000 to qualified producers, and can be issued to the applicant directly from the USDA Farm Service Agency (FSA).

This microloan announcement is another USDA resource for America’s farmers and ranchers to utilize, especially as new and beginning farmers and ranchers look for the assistance they need to get started. To learn more about the FSA microloan program visit www.fsa.usda.gov/microloans, or contact your local FSA office. To find your nearest office location, please visit http://offices.usda.gov.

USDA is an equal opportunity provider, employer and lender. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).