Virginia January Newsletter Articles and Updates - January 2024

Farm Service Agency | Natural Resources Conservation Service | Risk Management Agency

#### In This Issue:

- FSA State Director Message
- NRCS State Director Message
- <u>USDA Makes Producer-Friendly Change to 2023 Notice of Loss</u>
   Requirements for Two Livestock Disaster Assistance Programs
- <u>USDA to Provide More Than \$3 Billion to Commodity and Specialty Crop</u> Producers Impacted by 2022 Natural Disasters
- Signature Policy
- Foreign Buyers Notification
- Farmers Can Now Enroll for the Agriculture Risk Coverage and Price Loss Coverage Programs the 2024 Crop Year
- Environmental Review Required Before Project Implementation
- Making Farm Reconstitutions
- Malted Grains and Maple Syrup Eligible for Farm Storage Facility Loans
- Reminders for FSA Direct and Guaranteed Borrowers with Real Estate Security
- Communication Is Key in Lending
- Save Money on Fuel with No-Till Farming
- Selected Interest Rates for January

## **FSA State Director Message**

#### **Report Banking Changes to FSA**

Farm Service Agency (FSA) program payments are issued electronically into your bank account. In order to receive timely payments, you need to notify your FSA servicing office if you close your account or if your bank information is changed for any reason (such as your financial institution merging or being purchased). Payments can be delayed if FSA is not notified of changes to account and bank routing numbers.

For some programs, payments are not made until the following year. For example, payments for crop year 2019 through the Agriculture Risk Coverage and Price Loss Coverage program aren't paid until 2020. If the bank account was closed due to the death of an individual or

dissolution of an entity or partnership before the payment was issued, please notify your local FSA office as soon as possible to claim your payment.

Dr. Ronald M. Howell, Jr., FSA State Executive Director

## **NRCS State Director Message**

In NRCS, we value our long-standing, positive relationships we enjoy with so many of our producers and clients. These are occasionally challenged, however, when staffing changes occur at the field office level. When a long-term agency employee departs, continuity, trust and understanding can be lost during the transition process. In 2022, as a way of lessening the impact of staff changes, I developed our state Field Office Exit Report process, which was recently selected as one of the NRCS of the Future innovative ideas and has been adopted by our national office for use throughout the U.S.

When one of our district conservationists leaves a position, we are now asking them to submit a complete exit report 30 days in advance of their departure date which provides a detailed summary of daily office operations that we can make available to his or her successor. This should permit a more efficient transfer of updates on ongoing projects and "institutional memory" to our selected replacement, making the transition process smoother for everyone.

These exit reports are identically formatted from a template we developed in-house which was reviewed by Virginia staff and other state conservationists around the nation during the development phase.

We think it's an "insider" improvement that could result in improved customer service across the state and, perhaps, across our country. It's just another reason we're excited about the possibilities of what we can accomplish for you in 2024.

Dr. Edwin Martinez Martinez, NRCS State Conservationist

## USDA Makes Producer-Friendly Change to 2023 Notice of Loss Requirements for Two Livestock Disaster Assistance Programs

The U.S. Department of Agriculture (USDA) has waived certain notice of loss requirements for 2023 for the <a href="Emergency Assistance for Livestock">Emergency Assistance for Livestock</a>, <a href="Honeybees">Honeybees</a>, <a href="And Farm-raised Fish">And Farm-raised Fish</a> (ELAP) and <a href="Livestock Indemnity Program">Livestock Indemnity Program</a> (LIP). In an effort to streamline assistance to support access to critical 2023 natural disaster recovery assistance, USDA's Farm Service Agency (FSA) is waiving the requirement to submit ELAP or LIP notices of loss within a predetermined number of days for 2023. Instead, producers have the flexibility to submit 2023 notices of loss as soon as possible, once losses are realized, following a natural disaster event or no later than the established annual program application for payment deadlines for each program. FSA county committees are also being asked to re-evaluate 2023 ELAP and LIP late-filed notices of loss to determine if the waiver applies.

**Emergency Assistance for Livestock, Honeybees, and Farm-raised Fish** 

ELAP provides recovery assistance to eligible producers of livestock, honeybee, and farm-raised fish losses due to an eligible adverse weather or loss condition, including blizzards, disease, water shortages and wildfires. ELAP covers grazing and feed losses, transportation of water and feed to livestock and hauling livestock to grazing acres. ELAP also covers certain mortality losses for livestock including honeybees and farm-raised fish as well as honeybee hive losses. ELAP is designed to address losses not covered by other FSA disaster assistance programs.

For 2023, FSA is waiving the regulatory requirement for producers who are eligible for ELAP to file a notice of loss with FSA within 30 calendar days from when the loss first became apparent for livestock and farm-raised fish and 15 calendar days for honeybees. Under this waiver, notices of loss are to be completed by the eligible producer and submitted to FSA no later than the annual program application deadline of January 30 following the program year in which the loss occurred. Therefore, producers who incurred ELAP-eligible losses in 2023, will need to submit a notice of loss by Jan. 30, 2024.

## **Livestock Indemnity Program**

LIP provides disaster recovery assistance to livestock owners and contract growers who experience livestock deaths, in excess of normal mortality caused by eligible loss conditions including adverse weather, disease and attacks by animals reintroduced into the wild by the federal government or protected by federal law, including wolves and avian predators. LIP also helps livestock owners who must sell livestock at a reduced price because of an injury from certain loss conditions.

For 2023, FSA is waiving the regulatory requirement for producers who are eligible for LIP to file a notice of loss within 30 calendar days from when the loss first became apparent. Under this waiver, producers are still required to complete and submit the notice of loss to FSA no later than the annual program payment application date, which is 60 calendar days following the program year in which the loss occurred. The LIP payment application and notice of loss deadline is Feb. 29, 2024, for the 2023 program year.

## **2023 Disapproved Applications**

FSA county committees will review all notices of loss for both ELAP and LIP that were previously disapproved for the 2023 program year due to late filing and re-evaluate them to determine if the waiver applies. To receive ELAP and LIP benefits, producers will still need to file an application for payment by the established program deadline for the 2023 program year. Producers who are unsure about the status of their notice of loss or application for payment, should contact their local FSA county office as soon as possible.

#### **Supporting Documentation**

Accurate records and loss documentation are critical following disaster events and are required when filing notices of loss with FSA. Acceptable loss documentation includes:

- Documentation of the number, kind, type, and weight range of livestock that have died, supplemented, if possible, by photographs or video records of ownership and losses.
- Rendering truck receipts by kind, type, and weight important to document prior to disposal.

- Beginning inventory supported by birth recordings or purchase receipts.
- Documentation from Animal Plant Health Inspection Service, Department of Natural Resources, or other sources to substantiate eligible death losses due to an eligible loss condition.
- Documentation that livestock were removed from grazing pastures due to an eligible adverse weather or loss condition.
- Costs of transporting livestock feed to eligible livestock, such as receipts for equipment rental fees for hay lifts and snow removal.
- Feed purchase receipts if feed supplies or grazing pastures are destroyed.
- Number of gallons of water transported to livestock due to water shortages.

#### **More Information**

The improvements to ELAP and LIP build on others made since 2021. This includes ELAP benefits for above normal costs for hauling feed and water to livestock and transporting livestock to other grazing acres during a qualifying drought. FSA also <u>expanded eligible livestock</u> under ELAP, LIP, and the Livestock Forage Disaster Assistance Program, and increased the LIP payment rate for beef, beefalo, bison, and dairy animals less than 250 pounds and most recently beef calves over 800 pounds. Learn about USDA disaster assistance programs on <u>farmers.gov</u>.

On <u>farmers.gov</u>, the <u>Disaster Assistance Discovery Tool</u>, <u>Disaster-at-a-Glance fact sheet</u> and <u>Loan Assistance Tool</u> can help producers and landowners determine <u>disaster protection and recovery</u> program or loan options. For more information about FSA programs, contact your local <u>USDA Service Center</u>.

# USDA to Provide More Than \$3 Billion to Commodity and Specialty Crop Producers Impacted by 2022 Natural Disasters

The U. S Department of Agriculture (USDA) will provide more than \$3 billion to commodity and specialty crop producers impacted by natural disaster events in 2022. Eligible impacted producers can apply for financial assistance through the <a href="Emergency Relief Program (ERP)">Emergency Relief Program (ERP)</a> 2022. The program will help offset the financial impacts of crop yield and value losses from qualifying disasters occurring in 2022.

#### **Background**

On Dec. 29, 2022, President Biden signed into law the *Disaster Relief Supplemental Appropriations Act, 2023 (P.L. 117-328)* that provides about \$3.7 billion in financial assistance for agricultural producers impacted by eligible natural disasters that occurred in calendar year 2022.

ERP 2022 covers losses to crops, trees, bushes and vines due to qualifying, calendar year 2022 natural disaster events including wildfires, hurricanes, floods, derechos, excessive heat, tornadoes, winter storms, freeze (including a polar vortex), smoke exposure, excessive moisture, qualifying drought and related conditions.

ERP 2022 program benefits will be delivered to eligible producers through a two-track process. FSA intends to make both tracks available to producers at the same time. This two-track approach enables USDA to:

- Streamline the application process.
- Reduce the paperwork burden on producers.
- Proactively include provisions for underserved producers who have not been well served by past emergency relief efforts.
- Encourage producer participation in existing risk management programs to mitigate the impacts of future severe weather events.

It's important to note that disaster-impacted producers may be eligible for ERP 2022 assistance under one or both tracks. To avoid duplicative benefits, if a producer applies for both tracks, the Track 2 payment calculation will take into account any payments received through Track 1.

## **ERP 2022 Application Process – Track 1**

ERP 2022 Track 1 leverages existing federal crop insurance or Noninsured Crop Disaster Assistance Program (NAP) data as the basis for calculating payments for eligible crop producers who received indemnities through these risk management programs.

Although FSA is sending pre-filled ERP 2022 Track 1 application forms to producers who have crop insurance and NAP data already on file with USDA, producers indemnified for losses resulting from 2022 natural disasters do not have to wait to receive the application before requesting ERP 2022 assistance. Effective Oct. 31, 2023, producers can apply for ERP 2022 benefits whether they have received the pre-filled application or not. Receipt of a pre-filled application is not confirmation that a producer is eligible to receive an ERP 2022 Track 1 payment.

USDA estimates that ERP Track 1 benefits will reach more than 206,000 producers who received indemnities for losses covered by federal crop insurance and more than 4,500 producers who obtained NAP coverage for the 2022 crop year.

#### **ERP 2022 Application Process – Track 2**

Track 2 is a revenue-based certification program designed to assist eligible producers who suffered an eligible decrease in revenue resulting from 2022 calendar year disaster events when compared with revenue in a benchmark year using revenue information that is readily available from most tax records. In cases where revenue does not reasonably reflect a normal year's revenue, Track 2 provides an alternative method for establishing revenue. Likewise, Track 2 affords producers of crops that are used within an operation and do not generate revenue from the sale of the crop a method for establishing revenue for the purpose of applying for ERP 2022 benefits. Producers are not required to submit tax records to FSA unless requested by the County Committee if required for an FSA compliance spot check.

Although not required when applying for ERP 2022 Track 2, applicants might find the following documents useful to the process:

• Schedule F (Form 1040)

• *Profit or Loss from Farming* or similar tax documents for tax years 2018, 2019, 2022 and 2023.

Track 2 targets gaps in emergency relief assistance for eligible producers whose eligible losses were not covered by crop insurance or NAP including revenue losses too small (shallow loss) to be covered by crop insurance.

Producers interested in applying for ERP 2022 Track 2, should contact their local FSA county office. Additional reference resources can be found on FSA's emergency relief website.

## **Additional Required Forms**

For both ERP 2022 tracks, all producers must have certain required forms on file with FSA within 60 days of the ERP 2022 deadline. FSA started accepting applications on Oct. 31, 2023. The application deadline has not yet been determined and will be announced at a later date. If not already on file, producers can update, complete and submit required forms to FSA at any time.

## Required forms:

- Form AD-2047, Customer Data Worksheet.
- Form CCC-902, Farm Operating Plan for an individual or legal entity.
- Form CCC-901, Member Information for Legal Entities (if applicable).
- Form FSA-510, Request for an Exception to the \$125,000 Payment Limitation for Certain Programs (if applicable).
- Form CCC-860, Socially Disadvantaged, Limited Resource, Beginning and Veteran Farmer or Rancher Certification, if applicable, for the 2022 program year.
- A highly erodible land conservation (sometimes referred to as HELC) and wetland conservation certification (Form AD-1026 Highly Erodible Land Conservation (HELC) and Wetland Conservation (WC) Certification) for the ERP producer and applicable affiliates.

Most producers, especially those who have previously participated in FSA programs, will likely have these required forms on file. However, those who are uncertain or want to confirm the status of their forms can contact their local FSA county office.

## **Future Insurance Coverage Requirements**

All producers who receive ERP 2022 payments must purchase crop insurance, or NAP coverage where crop insurance is not available, in the next two available crop years as determined by the Secretary. Purchased coverage must be at the 60/100 coverage level or higher for insured crops or at the catastrophic coverage level or higher for NAP crops.

#### **More Information**

ERP 2022 eligibility details and payment calculation factor tables are available on the <a href="mailto:emergency relief website">emergency relief website</a>, in the <a href="mailto:ERP Track 1">ERP Track 1</a> and <a href="mailto:ERP Track 2">ERP Track 2</a> fact sheets and through your local FSA county office.

## **Signature Policy**

Using the correct signature when doing business with FSA can save time and prevent a delay in program benefits.

The following are FSA signature guidelines:

- A married woman must sign her given name: Mrs. Mary Doe, not Mrs. John Doe
- For a minor, FSA requires the minor's signature and one from the minor's parent

Note, by signing a document with a minor, the parent is liable for actions of the minor and may be liable for refunds, liquidated damages, etc.

When signing on one's behalf the signature must agree with the name typed or printed on the form or be a variation that does not cause the name and signature to be in disagreement. Example - John W. Smith is on the form. The signature may be John W. Smith or J.W. Smith or J. Smith. Or Mary J. Smith may be signed as Mrs. Mary Joe Smith, M.J. Smith, Mary Smith, etc.

FAXED signatures will be accepted for certain forms and other documents provided the acceptable program forms are approved for FAXED signatures. Producers are responsible for the successful transmission and receipt of FAXED information.

Spouses may sign documents on behalf of each other for FSA and CCC programs in which either has an interest, unless written notification denying a spouse this authority has been provided to the county office.

Spouses cannot sign on behalf of each other as an authorized signatory for partnerships, joint ventures, corporations or other similar entities. Likewise, a spouse cannot sign a document on behalf of the other in order to affirm the eligibility of oneself.

Any member of a general partnership can sign on behalf of the general partnership and bind all members unless the Articles of Partnership are more restrictive. Spouses may sign on behalf of each other's individual interest in a partnership, unless notification denying a spouse that authority is provided to the county office. Acceptable signatures for general partnerships, joint ventures, corporations, estates, and trusts must consist of an indicator "by" or "for" the individual's name, individual's name and capacity, or individual's name, capacity, and name of entity.

For additional clarification on proper signatures contact your local FSA office.

## **Foreign Buyers Notification**

The Agricultural Foreign Investment Disclosure Act (AFIDA) requires all foreign owners of U.S. agricultural land to report their holdings to the Secretary of Agriculture. Foreign persons who have purchased or sold agricultural land in the county are required to report the transaction to FSA within 90 days of the closing. Failure to submit the AFIDA form could result in civil penalties of up to 25 percent of the fair market value of the property. County government offices, realtors, attorneys and others involved in real estate transactions are reminded to notify foreign investors of these reporting requirements. The data gained from

these disclosures is used in the preparation of periodic reports to the President and Congress concerning the effect of such holdings upon family farms and rural communities. Click <a href="here">here</a> for more information on AFIDA.

## Farmers Can Now Enroll for the Agriculture Risk Coverage and Price Loss Coverage Programs the 2024 Crop Year

The U.S. Department of Agriculture (USDA) today announced that agricultural producers can now enroll in the Farm Service Agency's (FSA) <u>Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC)</u> programs for the 2024 crop year. Producers can enroll and make election changes for the 2024 crop year starting Dec. 18, 2023. The deadline to complete enrollment and any election change is March 15, 2024.

On Nov. 16, 2023, President Biden signed into law H.R. 6363, the *Further Continuing Appropriations and Other Extensions Act, 2024* (Pub. L. 118-22), which extended the *Agriculture Improvement Act of 2018* (Pub. L. 115-334), more commonly known as the 2018 Farm Bill, through September 30, 2024. This extension allows authorized programs, including ARC and PLC, to continue operating.

#### 2024 Elections and Enrollment

Producers can elect coverage and enroll in ARC-County (ARC-CO) or PLC, which provide crop-by-crop protection, or ARC-Individual (ARC-IC), which protects the entire farm. Although election changes for 2024 are optional, producers must enroll through a signed contract each year. Also, if a producer has a multi-year contract on the farm it will continue for 2024 unless an election change is made.

If producers do not submit their election revision by the March 15, 2024, deadline, their election remains the same as their 2023 election for commodities on the farm. Farm owners cannot enroll in either program unless they have a share interest in the cropland.

Covered commodities include barley, canola, large and small chickpeas, corn, crambe, flaxseed, grain sorghum, lentils, mustard seed, oats, peanuts, dry peas, rapeseed, long grain rice, medium grain rice, safflower seed, seed cotton, sesame, soybeans, sunflower seed and wheat.

#### 2022 Crop Year Payments

This fall, FSA issued payments totaling more than \$267 million to agricultural producers who enrolled in the 2022 ARC-CO option and the ARC ARC-IC option for covered commodities that triggered a payment. Payments through the PLC option did not trigger for the 2022 crop year.

ARC and PLC payments for a given crop year are paid out the following fall to allow actual county yields and the Market Year Average prices to be finalized. These payments help mitigate fluctuations in either revenue or prices for certain crops. Payments for crops that may trigger for the 2023 crop year will be issued in the fall of 2024.

#### **Crop Insurance Considerations**

ARC and PLC are part of a broader USDA safety net that also includes crop insurance and marketing assistance loans.

Producers are reminded that ARC and PLC elections and enrollments can impact eligibility for some crop insurance products.

Producers on farms with a PLC election can purchase Supplemental Coverage Option (SCO) through their Approved Insurance Provider; however, producers on farms where ARC is the election are ineligible for SCO on their planted acres for that crop on that farm.

Unlike SCO, the Enhanced Coverage Option (ECO) is unaffected by an ARC election. Producers may add ECO regardless of the farm program election.

Upland cotton farmers who choose to enroll seed cotton base acres in ARC or PLC are ineligible for the stacked income protection plan (STAX) on their planted cotton acres for that farm.

## **Web-Based Decision Tools**

Many universities offer web-based decision tools to help producers make informed, educated decisions using crop data specific to their respective farming operations. Producers are encouraged to use the tool of their choice to support their ARC and PLC elections.

#### More Information

For more information on ARC and PLC, producers can visit the <u>ARC and PLC webpage</u> or contact their local <u>USDA Service Center</u>. Producers can also make elections and complete enrollment online with level 2 eAuth.

## **Environmental Review Required Before Project Implementation**

The National Environmental Policy Act (NEPA) requires Federal agencies to consider all potential environmental impacts for federally funded projects before the project is approved.

For all Farm Service Agency (FSA) programs, an environmental review must be completed before actions are approved, such as site preparation or ground disturbance. These programs include, **but are not limited to**, the Emergency Conservation Program (ECP), Farm Storage Facility Loan (FSFL) program and farm loans. If project implementation begins before FSA has completed an environmental review, the request will be denied. Although there are exceptions regarding the Stafford Act and emergencies, it's important to wait until you receive written approval of your project proposal before starting any actions.

Applications cannot be approved until FSA has copies of all permits and plans. Contact your local FSA office early in your planning process to determine what level of environmental review is required for your program application so that it can be completed timely.

## **Making Farm Reconstitutions**

When changes in farm ownership or operation take place, a farm *reconstitution* is necessary. The reconstitution — or recon — is the process of combining or dividing farms or tracts of land based on the farming operation.

To be effective for the current fiscal year, farm combinations and farm divisions must be requested by **August 1 of the fiscal year** for farms subject to the Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC) program. A reconstitution is considered to be requested when all of the required signatures are on FSA-155 and all other applicable documentation, such as proof of ownership, is submitted.

Total Conservation Reserve Program (CRP) and non-ARC/PLC farms may be reconstituted at any time.

The following are the different methods used when doing a farm recon:

- **Estate Method** the division of bases, allotments and quotas for a parent farm among heirs in settling an estate
- **Designation of Landowner Method** may be used when (1) part of a farm is sold or ownership is transferred; (2) an entire farm is sold to two or more persons; (3) farm ownership is transferred to two or more persons; (4) part of a tract is sold or ownership is transferred; (5) a tract is sold to two or more persons; or (6) tract ownership is transferred to two or more persons. In order to use this method, the land sold must have been owned for at least three years, or a waiver granted, and the buyer and seller must sign a Memorandum of Understanding
- DCP Cropland Method the division of bases in the same proportion that the DCP cropland for each resulting tract relates to the DCP cropland on the parent tract
- **Default Method** the division of bases for a parent farm with each tract maintaining the bases attributed to the tract level when the reconstitution is initiated in the system.

For questions on your farm reconstitution, contact your County USDA Service Center.

## Malted Grains and Maple Syrup Eligible for Farm Storage Facility Loans

Malted small grains and maple syrup are now eligible for Farm Storage Facility Loans (FSFL) through the USDA Farm Service Agency (FSA).

FSFLs provide low-interest financing to help you build or upgrade storage facilities and to purchase portable (new or used) structures, equipment and storage and handling trucks.

Eligible malted small grains include barley, oats, rice, rye and wheat. Maple sap is used to produce maple syrup.

The low-interest funds can be used for:

- bottler or filling systems for maple syrup, excluding containers
- equipment to improve, maintain, or monitor the quality of stored FSFL commodities, such as cleaners, moisture testers, heat detectors, along with a proposed storage facility
- handling and drying equipment determined by the County Committee to be needed and essential to the proper functioning of a storage system
- electrical equipment, such as pumps, lighting, motors, and wiring, integral to the proper operation of the storage and handling equipment, excluding installing electric service to the electrical meter.

FSFLs are not available for the actual processing of the small grain into the malted commodity or maple sap into maple syrup. Additionally, purchased commodities are not eligible for FSFLs.

The following storage and handling equipment is ineligible for FSFLs:

- boiling equipment
- · feed handling and processing equipment
- production and feed facilities
- structures of a temporary nature not having a useful life of the term of the loan
- maple sap tubing and pumping systems.

Loans up to \$50,000 can be secured by a promissory note/security agreement, loans between \$50,000 and \$100,000 may require additional security, and loans exceeding \$100,000 require additional security.

You do not need to demonstrate the lack of commercial credit availability to apply. The loans are designed to assist a diverse range of farming operations, including small and mid-sized businesses, new farmers, operations supplying local food and farmers markets, non-traditional farm products, and underserved producers.

For more information, contact your County USDA Service Center or visit <a href="mailto:fsa.usda.gov/pricesupport">fsa.usda.gov/pricesupport</a>.

## Reminders for FSA Direct and Guaranteed Borrowers with Real Estate Security

Farm loan borrowers who have pledged real estate as security for their Farm Service Agency (FSA) direct or guaranteed loans are responsible for maintaining loan collateral. Borrowers must obtain prior consent or approval from FSA or the guaranteed lender for any transaction that affects real estate security. These transactions include, but are not limited to:

- Leases of any kind
- Easements of any kind
- Subordinations

- Partial releases
- Sales

Failure to meet or follow the requirements in the loan agreement, promissory note, and other security instruments could lead to nonmonetary default which could jeopardize your current and future loans.

It is critical that borrowers keep an open line of communication with their FSA loan staff or guaranteed lender when it comes to changes in their operation. For more information on borrower responsibilities, read <a href="Your FSA Farm Loan Compass">Your FSA Farm Loan Compass</a>.

## Communication Is Key in Lending

Farm Service Agency (FSA) is committed to providing our farm loan borrowers the tools necessary to be successful. FSA staff will provide guidance and counsel from the loan application process through the borrower's graduation to commercial credit. While it is FSA's commitment to advise borrowers as they identify goals and evaluate progress, it is crucial for borrowers to communicate with their farm loan staff when changes occur. It is the borrower's responsibility to alert FSA to any of the following:

- Any proposed or significant changes in the farming operation
- Any significant changes to family income or expenses
- The development of problem situations
- Any losses or proposed significant changes in security

If a farm loan borrower can't make payments to suppliers, other creditors, or FSA on time, contact your farm loan staff immediately to discuss loan servicing options.

For more information on FSA farm loan programs, contact your County USDA Service Center or visit fsa.usda.gov.

## Save Money on Fuel with No-Till Farming

How much fuel can farmers save each year by transitioning from conventional tillage to continuous no-till? According to a <u>report from USDA's Conservation Effects Assessment</u>

<u>Project (CEAP)</u>, 3.6 gallons per acre is a reasonable estimate. With current off-road diesel fuel prices, this could translate into approximately \$17 per acre saved annually.

Nearly 87 percent of all cropland acres nationwide are farmed using some form of conservation tillage, where tillage is reduced for at least one crop within a given field. Continuous no-till accounts for 33 percent of this total.

Improving soil health is one known benefit of limiting disturbance. Farmers who minimize tillage across their operation may reduce soil erosion, maximize water infiltration, improve nutrient cycling, build organic matter, and strengthen resilience to disaster events or challenging growing conditions. Based on the latest data, they may also use significantly less fuel than with conventional tillage and reduce their associated carbon dioxide emissions.

According to CEAP, farmers who implement conservation tillage practices instead of continuous conventional tillage:

- Reduce potential nationwide fuel use by 763 million gallons of diesel equivalents each year, roughly the amount of energy used by 2.8 million households.
- Reduce potential associated emissions by 8.5 million tons of carbon dioxide (CO<sub>2</sub>) equivalents each year, equivalent to removing nearly 1.7 million gasoline-powered passenger vehicles from the road.

How is this possible? Annually, farmers who practice continuous no-till use approximately 3.6 fewer gallons of fuel per acre than if they practiced continuous conventional tillage. Farmers who practice seasonal no-till – farming without tilling for at least one crop – use approximately 3 fewer gallons of fuel per acre than they would with conventional tillage year-round.

Acre by acre, fuel saved is money saved. Let's assume an average off-road diesel fuel price of \$4.75 per gallon\*. By transitioning from continuous conventional tillage to continuous no-till, a farmer can save just over \$17 per acre each year in fuel costs. A farmer who transitions from continuous conventional tillage to seasonal no-till can save more than \$14 per acre on fuel annually. These potential savings are significantly larger than with <a href="CEAP's first fuel savings report">CEAP's first fuel savings report</a>, primarily due to the current price of diesel fuel.

The bottom line for farmers: Reducing tillage leads to fuel savings that deliver significant financial benefits while building healthier soils for a more resilient operation.

## **Selected Interest Rates for January**

90-Day Treasury Bill 5.5%	)
Farm Operating Loans — Direct 5.62	5%
Farm Ownership Loans — Direct 5.87	5%
Farm Ownership Loans — Direct Down Payment, Beginning Farmer or Rancher 1.87	5%
Emergency Loans 3.75	%
Farm Storage Facility Loans - (7 years) 4.25	0%
Commodity Loans 1996-Present 6.12	5%



## Virginia FSA State Office

1606 Santa Rosa Road, Suite 138 Richmond, VA 23229

Phone: 804-287-1503 Fax: 855 -621-5866

Office Hours 7:30 a.m. - 4:30 p.m.

Dr. Ronald M. Howell, Jr. State Executive Director

Sherina Logan Administrative Officer

Dorine Ross Chief Farm Loan Programs H.L. Kellam Rodney Young Chief Farm Programs

Diane Lenoir-Giles
Public Relations/Outreach Specialist