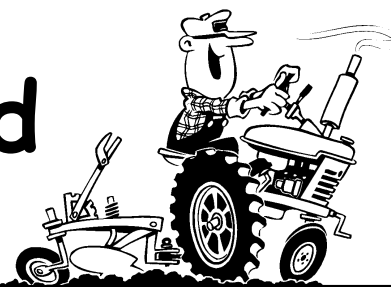


# Cultivating Cumberland

April - 2019 VOL. 24, ISSUE 4



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### Attachments

- Pesticide Storage List
- Pesticide Application Record
- Handler Training Roster
- Working Training Roster
- FSA and the 2018 Farm Bill
- Wine Chemistry Workshop

## Fire Inspections on Farms

Wes Kline

By now most farmers should have heard about the farm inspections. The inspections are not just for labor housing which was what had been indicated in the beginning. It could be all buildings including greenhouses and overwintering structures (high tunnels, hoopouses, etc.) on the farm except the personal residence, where and how fuel is stored, etc.. There have been reports that fire marshals in different municipalities are interrupting the regulations in different ways. The New Jersey Department of Agriculture needs to hear from any grower who has had issues. The contact person is the Assistant Secretary of Agriculture Monique Purcell – (609) 292-5532 or [Monique.purcell@ag.state.nj.us](mailto:Monique.purcell@ag.state.nj.us)

## Information Regarding Your Pesticide License

The DEP is no longer mailing out information regarding your Pesticide License. You must go onto the NJDEP Bureau of Licensing & Registrations website at <https://www.state.nj.us/dep/enforcement/pcp/bpo-pesticide-links.htm> to find out information. On the website you can look up your license number, sign up for exams, verify your exam test date, check exam scores, check your credit and course history, and there's several other helpful tools. Here's how to get onto the website:

- ⇒ Go to <https://www.nj.gov/dep/>
- ⇒ Click on "Pesticides" on the left hand side
- ⇒ Click on "Pesticides" under the "About Us" section
- ⇒ Now you are on the "Licensing and Registrations Links"

Call us, 856-451-2800 ext. 1, if you need assistance going through the steps.

## **Water Testing for Audits**

Wes Kline

**There is confusion about water testing for GAP and Harmonized Audits. A grower still needs to water test (one for wells and 3 for surface water). That has not changed! If a grower does not have a water test for each source he will fail the audit.**

### **Atlantic-Cape Community College Offers DRONE DAY – A Learning Symposium**

Covering Public Safety, Engineering and Agriculture  
in collaboration with RCE Specialists & Agents  
Friday, May 31 – 9am-1pm  
Mays Landing campus Student Center

Register at [atlanticcapedroneday.eventbrite.com](http://atlanticcapedroneday.eventbrite.com)

Atlantic Cape Community College  
5100 E Black Horse Pike  
Hamilton Township, NJ 08330

Keynote speaker: Dr. Ferne Friedman-Berg, Engineer Research  
Psychologist and UAS industry and learn how drones can benefit your business

### **Spring Field Day- Sports Field Managers Association of New Jersey**

Our presenters will be highly respected professionals in their fields. They will present topics important to anyone who maintains sports fields. Topics include cultural management of turf grass diseases and weeds on school and municipal grounds. Credits will be awarded. Breakfast and lunch provided. Take a chance on winning a door prize!

Wednesday, April 17, 2019  
7:30 A.M.—2:30 P.M.  
Rutgers University Athletic Facilities  
1 Scarlet Knights Way  
Piscataway, NJ

In addition to our Trade Show, Demos and Education, we will enjoy a tour of Rutgers Football Practice Fields, High Point Stadium and Yurak Field, led by Matt Henn, Rutgers University Athletics.

No charge for students or SFMANJ members. \$25 for non-members

Please call 856-514-3179 with questions. Register online at  
<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07eg3hkpv2e0beef6&oseq=&c=&ch=>

## **Pesticide Applicator Information**

### **Storage Areas**

In New Jersey, all licensed pesticide applicators who store pesticides are required to maintain a list of the pesticides stored or likely to be stored during the license year.

All licensed pesticide applicators who store pesticides are required by law to send a copy of their storage inventory with an explanatory cover letter to the local fire company along with a description and/or diagram of the actual location of each storage area.

Submittal to the fire department is required annually by May 1st each year. Applicators must keep the cover letter on file for a minimum of three years and should have it available for NJDEP upon request.

Attached to this newsletter is a sample of the letter to send to the fire company, sample pesticide storage inventory list and sample pesticide application record.

### **Application (spray) Records**

List farm information – farm name and address, field name or number, acres treated, and crop treated.

Pesticide products used – pesticide brand name, EPA registration number, active ingredients

Mixture recipe – amount of pesticide concentrate used before mixing, total diluent (total amount of water plus pesticide in tank), and total volume applied in each field.

Date and time application – date and time application were completed for each field and date and time of reentry for each field.

Full name of applicator and pesticide license number or if handle their name.

The information must be on the application record within 24 hrs. and must be kept for 5 years.

An example of an application record is attached.

### **Central Posting of Application Information**

There have been few changes to the central posting information. Post the application record, have a map of all the field with identification, list of all materials applied with EPA numbers and maintain Safety Data Sheets (SDS) for all materials. There is a new poster “Protect Yourself From Pesticides” which must be posted. This is the replacement for the large poster used in the past. It is available from the Pesticide Educational Resources Collaborative at <http://pesticideresources.org> There is additional training materials for WPS at this location.

### **Worker Protection Standard**

Worker and Handler cards are no longer being distributed, only the rosters are needed. The training record must include trainee name, date of training, trainer name, native language of the trainee, trainee birth date and the records must be kept of 5 years. Examples of the rosters are attached. For more information go to <https://www.state.nj.us/dep/enforcement/pcp/pcp-wps.htm> or contact Nancy Santiago at 609-984-6914.

### **Important Contact Information**

DEP website: [www.pcpnj.org](http://www.pcpnj.org)

Rutgers Pest management website: <http://pestmanagement.rutgers.edu>

Pesticide Educational Resources Collaborative: <http://pesticideresources.org>

## **Romaine Task Force Recommendations**

Note: This task force was setup after the two romaine outbreaks in 2018. If you download the complete report from the PMA website you will notice that is very much West Coast oriented however, what ever they decide there will be an effort to push it on all romaine growers across the U.S. The traceability group recommendations may be the biggest concern since they are urging the adoption of PTI labeling which will be added expense for New Jersey growers – Wes Kline

The Romaine Task Force and its four working groups, comprising over 100 industry leaders, regulatory professionals and academic scientists, met in Dallas, TX on February 13-14, 2019 to review progress to date and work together in-person to build on that progress.

The four working groups — Science & Prevention, Provenance Labeling, Traceability and Investigations — met to advance their thinking and present recommendations to the steering committee. The executive summary of each workgroup, recommendations and next steps follow.

Anyone who would like to comment on the recommendations are requested by April 12, 2019. Please email [romainetaskforce@pma.com](mailto:romainetaskforce@pma.com) to provide comment.

### **Executive Summary**

Following presentations by each of the four working groups, the Steering Committee discussed recommendations from each group, prioritized work goals, and agreed upon the following:

#### **Science/ Prevention Group Recommendations**

- Support current efforts to develop a science and risk-based model for evaluating and managing agricultural water, based on the source of water and its use.
- Develop guidance for produce industry-specific Root Cause Analysis to assist growers, processors, regulators and other stakeholders in assessing the cause of a pathogen in the event of positive environmental or product samples.
- Explore ways to provide more in-depth auditing of validation and verification procedures.

Work with FDA Produce Safety team to relay FDA's research priorities to the Center for Produce Safety for consideration.

#### **Traceability Group Recommendations**

- Embrace a bold vision for traceability that can capture, retain and link information through the supply chain.
- Support use of the language of PTI and urge PTI labeling of all cases/packs of leafy green products.
- Develop systems and approaches that identify and narrow the scope of possible lots/suppliers of leafy greens at any given retail or foodservice establishment at any given time and retain that information for immediate use in a traceback investigation.

Gather feedback from FDA to refine a template industry can use to standardize the way traceback data are shared.

#### **Labeling Group Recommendations**

- Articulate that the mission is to provide consumers easy access to information about growing regions associated with romaine products.
- Publish and disseminate a revised Labeling Q&A that provides guidance on how to label consumer packaging of romaine to include standardized terminology for growing regions.

- For bulk, unpackaged product, or product destined for foodservice use, operations should refer to information on cases to determine if a product is subject to an advisory.

The vision is that this is an interim step until better traceback mechanisms are in place.

#### Investigation Group Recommendations

- Engage FDA/CDC leadership to evaluate legal options to facilitate government/industry collaboration to accelerate and narrow outbreak investigations.
- Evaluate needs and opportunities for increased funding to FDA, CDC and states to accelerate and narrow outbreak investigations.
- Work with CDC and states to ensure the most current population consumption data of fresh produce items is used in epidemiological investigations.
- Consider potential value/methodology of a voluntary blinded industry database of pathogen testing (environmental, raw product, finished product) which could enhance knowledge and inform prevention strategies.

Determine the value of trialing a voluntary database of harvest dates and shipping information that would support a rapid “trace-forward” in the event of an outbreak.

Download the full report, including appendices, to review the vision, recommendations and timelines for each working group at the PMA website. Again, stakeholder comments on the recommendations are requested by April 12, 2019. Please email [romainetaskforce@pma.com](mailto:romainetaskforce@pma.com) to provide comment.

### **New Rutgers Fact Sheets**

The following new fact sheets are now available from Rutgers:

FS1302	Industrial Hemp Production in New Jersey: Frequently Asked Questions Bamka, W., Komar, S., Cabrera, R., and Schilling, B. <a href="https://njaes.rutgers.edu/fs1302">https://njaes.rutgers.edu/fs1302</a>
FS1301	Ultra-Niche Crop Series: Asparagus Garrison, S., Matthews, J., Melendez, M., and Nitzsche, P. <a href="https://njaes.rutgers.edu/fs1301">https://njaes.rutgers.edu/fs1301</a>

### **Revised Rutgers Fact Sheets**

The following fact sheets have been revised:

FS1251	Cost-Effective and Money-Wasting Bed Bug Control Methods Wang, C., and Cooper, R. <a href="https://njaes.rutgers.edu/fs1251">https://njaes.rutgers.edu/fs1251</a>
FS1159	La Chinche de Cama (Bed Bugs in Spanish) Wang, C. <a href="https://njaes.rutgers.edu/FS1159">https://njaes.rutgers.edu/FS1159</a>

### Calendar of Important Events

\* Indicates a newly added event since the last calendar

#### April

##### **April 3-23**

**GAPs Online Produce Safety Course**, This course will not result in your farm being "GAPs Certified". For more information contact Don Stoeckel: [dstoeckel@cornell.edu](mailto:dstoeckel@cornell.edu)

##### \* **April 17**

**Sports Field Mgrs Assoc. of New Jersey Spring Field Day**; Rutgers University Athletic Facilities, 1 Scarlet Knights Way, Piscataway, NJ; 7:30 am-2:30 pm; Trade Show, Demos, Educational Opportunities and Tours; Free for members and students or \$25 for non-members; Register or find more information online at <https://events.r20.constantcontact.com/register/eventReg?oeidk=a07eg3hkpvs2e0beef6&oseq=&c=&ch=>

##### **April 18**

**CORE Basic Pesticide Training Programs**; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ 08901; \$145; 12:30 p.m.-4:30 p.m.; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; 6 CORE units toward re-certification; Register online at <http://www.cpe.rutgers.edu/courses/current/ae0801ch.html>

#### May

##### **May 1-21**

**GAPs Online Produce Safety Course**; This course will not result in your farm being "GAPs Certified". For more information contact Don Stoeckel: [dstoeckel@cornell.edu](mailto:dstoeckel@cornell.edu)

#### June

##### \* **June 6-7**

**Practical Food Microbiology**; University Inn & Conference Center, 178 Ryders Lane, New Brunswick, NJ 08901; \$825 before May 23 or \$875 after; 11.75 CFS hours; Register online at <http://www.cpe.rutgers.edu/courses/current/lf0401ca.html>

##### \* **June 17-19**

**Better Process Control School**; Cook Student Center, 59 Biel Road, New Brunswick, NJ 08901; 8:30 A.M. – 4:30 P.M.; \$945 before June 3 or \$1045 after; 22.5 CFS hours; 2.1 CEUs; Register online at <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=74273>

#### August

##### \* **August 19-23**

**Introduction to Food Science**; New Jersey Institute for Food, Nutrition and Health, Room 101 61 Dudley Rd, New Brunswick NJ 08901; 9:00 A.M.—4:00 P.M.; 5 days for \$1695; Breakfast and lunch included; Register online at <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=74616>

## REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

<p>✓</p> <p><b>Pesticide Certification Exam Schedule—Cumberland County</b> 291 Morton Avenue Millville, NJ 08332 <b>(Between Rosenhayn &amp; Carmel)</b></p> <p style="text-align: center;"><u>2019</u></p> <p>Apr 17      May 15      Sept 18 Oct 16</p> <p><b>To Register call 609-984-6614 For directions call 856-451-2800</b> *****</p>	<p><b>Cumberland County Agriculture Development Board</b> County Administration Bldg. Freeholder Room 164 W. Broad Street Bridgeton, NJ 08332</p> <p style="text-align: center;"><u>2019</u></p> <p>Apr 9      May 14      June 11 July 9      Aug 13      Sept 10 Oct 8      Nov 12      Dec 10</p> <p><b>Reg. Meetings start at 7 p.m. Information call 856-453-2211</b> *****</p>	<p>✓</p> <p><b>Cumberland County Board Of Agriculture</b> 291 Morton Avenue Millville, NJ 08332 <b>(Between Rosenhayn &amp; Carmel)</b> 7 pm meetings</p> <p style="text-align: center;"><u>2019</u></p> <p>Apr 18      May 16      Sept 19 Oct 17      Nov 21      Dec 19</p> <p><b>For info call Lew DePietro, President at 856-981-9843</b> *****</p>
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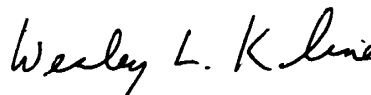
**Cumberland County Improvement Authority (CCIA)  
Pesticide Container Recycling**  
**9:00 a.m. to 12 Noon**  
Cumberland County Solid Waste Complex  
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)  
Deerfield Township, New Jersey  
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-2242

Program in Cumberland County suspended until further notice.

Sincerely,



Salvatore S. Mangiafico, Ph.D.  
County Agent II/Associate Professor  
Environmental & Resource Management  
Internet: Mangiafico@njaes.rutgers.edu



Wesley L. Kline, Ph.D.  
County Agent II/Associate Professor  
Vegetable & Herb Production  
Internet: wkline@njaes.rutgers.edu

**Pesticide User Responsibility:** Use pesticides safely and follow instructions on labels. The user is responsible for the proper use of pesticides, residues on crops, storage and disposal, as well as damages caused by drift.

**Use of Trade Names:** Trade names are used in this publication with the understanding that no discrimination is intended and no endorsement is implied. In some instances the compound may be sold un-

Have you visited the Cumberland County website for the Present and/or past issues of "Cultivating Cumberland"? It's a great resource for information and dates.....

<http://Cumberland.njaes.rutgers.edu/>

Public Notification and Non-discrimination Statement

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*Cooperative Extension of Cumberland County*



1915-2019

NONPROFIT ORGANIZATION  
U.S. POSTAGE PAID  
VINELAND, NJ  
PERMIT NO. 186

Cooperative Extension of Cumberland County  
Extension Education Center  
291 Morton Avenue  
Millville, NJ 08332-9791

**RUTGERS**  
New Jersey Agricultural  
Experiment Station



Date: \_\_\_\_\_

To: \_\_\_\_\_ Fire Department

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

From: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To Whom It May Concern:

Enclosed with this letter is a list of the pesticides I currently have stored or may store during the coming year. I am required by the New Jersey Department of Environmental Protection Pesticide Control Program regulation N.J.A.C. 7:30-9.5(b) to provide this list to the local fire department by May 1st each year.

My pesticide storage facility is located at:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The exact location of the storage area on the above property is (*either written description or diagram*):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Thank you for your time on this matter. Please contact me at \_\_\_\_\_ if you have any questions.

Sincerely,

\_\_\_\_\_

## Pesticide Storage Inventory List

Name or Establishment: \_\_\_\_\_

Date Updated: \_\_\_\_\_

Brand Name	EPA Registration Number	Active Ingredient(s)	Amount

**PESTICIDE APPLICATION RECORD**

Location of Application				Pesticide Product Used			Mixture Recipe per Product Label		Total Volume Applied	Date (M/D/Y) & Time (am/pm)		Applicator Full Name/ Pesticide License or Handler Number
Farm Name & Address; City or Township; and County of Application	Field Name  Sitio Aplicado	Acres Treated/ Tratado	Crop Treated  Cosech Tratado	Brand Name of Pesticide  Nombre del Pesticida	EPA Registration Number  Numero de Registracion EPA	Active Ingredient(s)  Ingrediente Activo	Amount of Pesticide Concentrate used before mixing*	Total Diluent  Candidad Usada		Total Volumen Aplicar	Date/Time Application Completed  Fecha y Hora de la Aplicacion	
XYZ Farm 1234 Farm Road; Agrville; Cumberland County	G-11	8	Tomatoes	VydateL	352-372	Oxamyl	12 qts.	400 gal	200 gal	6/15/10-9:30 am	6/17/10-9:30 am	John Smith C080569

**Example**



# WORKER TRAINING ROSTER

## WORKER PROTECTION STANDARD

State of New Jersey  
 Department of Environmental Protection  
 Bureau of Pesticide Compliance  
 401 East State Street  
 P. O. Box 420  
 Mail Code 401-04A  
 Trenton, New Jersey 08625-0420  
 TEL. (609) 984-6568 FAX (609) 984-6555  
<http://www.nj.gov/dep/enforcement/pcp/wps.htm>



*Please print all information clearly and completely*

**TRAINER NAME:** \_\_\_\_\_ **TRAINER ID#:** \_\_\_\_\_

**DATE OF TRAINING:** \_\_\_\_\_ **LANGUAGE USED FOR TRAINING:** \_\_\_\_\_

**AGRICULTURAL EST./ FARM NAME:** \_\_\_\_\_ **AG. EMPLOYER E-MAIL:** \_\_\_\_\_

(Use separate roster for each agricultural employer)

**PHYSICAL ADDRESS:** \_\_\_\_\_

	COMPLETE STREET ADDRESS	CITY	STATE	ZIP CODE
<b>WORKER'S FULL NAME (PRINT)</b>	<b>WORKER'S SIGNATURE</b>	<b>DATE OF BIRTH</b>	<b>NATIVE LANGUAGE</b>	<b>NATIONALITY</b>
1.				
2.				
3.				
4.				
5.				
6.				

**EPA APPROVED TRAINING MATERIALS USED:**

1. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
2. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
3. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
4. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
5. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_

*ALL EPA APPROVED MATERIALS HAVE AN ASSIGNED EPA #. TO LIST ADDITIONAL INFORMATION, PLEASE USE A SEPARATE PAGE IF NECESSARY.*





# HANDLER TRAINING ROSTER

## WORKER PROTECTION STANDARD

State of New Jersey  
 Department of Environmental Protection  
 Bureau of Pesticide Compliance  
 401 East State Street  
 P. O. Box 420  
 Mail Code 401-04A  
 Trenton, New Jersey 08625-0420  
 TEL. (609) 984-6568 FAX (609) 984-6555  
<http://www.nj.gov/dep/enforcement/pcp/pcp-wps.htm>



*Please print all information clearly and completely*

TRAINER NAME: \_\_\_\_\_ TRAINER ID#: \_\_\_\_\_

DATE OF TRAINING: \_\_\_\_\_ LANGUAGE USED FOR TRAINING: \_\_\_\_\_

AGRICULTURAL EST./ FARM NAME: \_\_\_\_\_ AG. EMPLOYER E-MAIL: \_\_\_\_\_  
 (Use separate roster for each agricultural employer)

PHYSICAL ADDRESS: \_\_\_\_\_

	COMPLETE STREET ADDRESS	CITY	STATE	ZIP CODE	
<b>HANDLER'S FULL NAME (PRINT)</b>	<b>HANDLER'S SIGNATURE</b>	<b>LAST FOUR DIGITS OF SS#</b>	<b>DATE OF BIRTH</b>	<b>NATIVE LANGUAGE</b>	<b>NATIONALITY</b>
1.					
2.					
3.					
4.					
5.					
6.					

**EPA APPROVED TRAINING MATERIALS USED:**

1. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
2. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
3. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
4. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_
5. Title: \_\_\_\_\_ Approval #: \_\_\_\_\_

*ALL EPA APPROVED MATERIALS HAVE AN ASSIGNED EPA #. TO LIST ADDITIONAL INFORMATION, PLEASE USE A SEPARATE PAGE IF NECESSARY.*

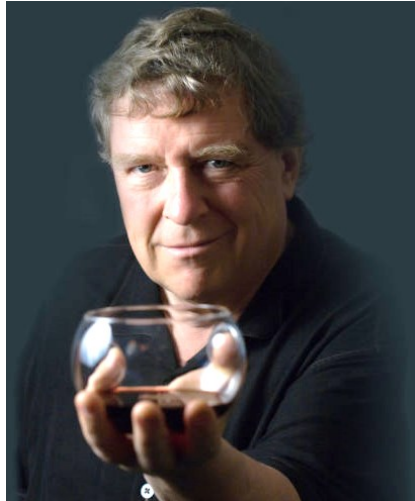




**RUTGERS**

New Jersey Agricultural  
Experiment Station

# CLARK SMITH



at Rutgers  
EcoComplex

May 20 & 21

## Wine Chemistry Workshop

### Two-Day Workshop by Clark Smith

**Rutgers EcoComplex** (1200 Florence Columbus Rd, Bordentown, NJ)

**Monday, May 20, 2019 & Tuesday, May 21, 2019; 9:00 AM – 3:00 PM**

Clark Smith is a wine professor and consultant who has been making and selling wine in California since 1972. He teaches winemaking internationally and also enjoys writing and singing about wine.

Registration fee is **\$275.00** and includes entry to Clark Smith's 2-day workshop, a copy of Clark Smith's book, and food.

**Space is limited to 30 seats.**

RSVP by March 31, 2019 to Joan Medany: [jmedany@co.gloucester.nj.us](mailto:jmedany@co.gloucester.nj.us)

Make checks out to **Rutgers University** and send to:

*Attn: Joan Medany  
RCE of Gloucester County  
254 County House Rd.  
Clarksboro, NJ 08020*

Coordinators:

Hemant Gohil [gohil@njaes.rutgers.edu](mailto:gohil@njaes.rutgers.edu) • Gary Pavlis [pavlis@njaes.rutgers.edu](mailto:pavlis@njaes.rutgers.edu) • Dan Ward [dward@njaes.rutgers.edu](mailto:dward@njaes.rutgers.edu)

Sponsored by the Winemakers Co-Op and the Garden State Wine Growers Association.



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United States Department of Agriculture

## Farm Service Agency

# What's New: FSA and the 2018 Farm Bill

### Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC) Programs

- Producers may make a new election to obtain either ARC or PLC for the 2019 crop year, which also will apply for the 2020 crop year.
- Producers may change elections annually during the 2021 through 2023 crop years.
- Producers on farms where the cropland was planted to grass or pasture (including cropland that was idle or fallow) from January 1, 2009, through December 31, 2017, are ineligible for ARC/PLC payments from 2019 through 2023.
- Owners can update the farm's PLC payment yield beginning with the 2020 crop year.

### Dairy Margin Coverage (DMC) Program

- Replaces the Margin Protection Program for Dairy (MPP).
- Operations making a one-time election to participate in DMC through 2023 are eligible to receive a 25 percent discount on the existing margin coverage rates.
- The maximum level for operations with covered production history less than five million pounds is increased to \$9.50.
- A dairy operation enrolled in MPP any year from 2014-2017 may be eligible to receive a refund of premiums if the premium paid exceeds the MPP payments received.
- Producers who enrolled in the Livestock Gross Margin for Dairy Cattle program (LGM) in 2018 may enroll in 2018 MPP retroactively.

### Conservation Reserve Program (CRP)

- The CRP acreage cap gradually increases to 27 million acres by 2023.
- At least 8.6 million acres devoted to continuous practices and 2 million acres to grassland.
- Two pilot programs are authorized: Clean Lakes, Estuaries, and Rivers Initiative (CLEAR 30) and the Soil Health and Income Protection Pilot Program (SHIPP).
- The annual rental payment is limited to 85% of the estimated average county rental sale for general enrollment and 90% of the estimated county rental rate for continuous enrollment.

### Marketing Assistance Loan Programs (Commodity Loans)

- Extends loan authority through 2023 for wheat, corn, grain sorghum, barley, oats, upland cotton, extra-long staple (ELS) cotton, rice, soybean, other oilseeds, dry peas, lentils, chickpeas, graded and nongraded wool, mohair, honey, peanuts, and sugars (beet and cane).
- Marketing loan gains (MLGs) and loan deficiency payments (LDPs) are no longer subject to payment limitations, actively engaged in farming and cash-rent tenant rules.
- Loan rates increased for all commodities except minor oilseeds, wool, mohair, honey, peanuts, and upland cotton.



## The 2018 Farm Bill – FSA: What Is New and What Has Changed

### Noninsured Crop Disaster Assistance Program (NAP)

- Buy-up NAP coverage is now part of permanent program authorization.
- Basic coverage has a payment limitation of \$125,000 per person and legal entity, while the payment limitation for buy-up coverage is a separate \$300,000.
- Service fees for applications for coverage have increased, while the premium amounts for buy-up NAP coverage are unchanged.

### Farm Loan Programs

- A farmer or rancher may receive both a \$50,000 Farm Ownership Microloan and a \$50,000 Operating Microloan. No longer limited to a combined total of \$50,000 for both microloans.
- The Direct Operating Loan limit increases to \$400,000 and the Guaranteed Operating loan limit increases to \$1,750,000.
- The Direct Farm Ownership Loan 3-year-experience requirement includes more allowable experiences to qualify.
- The Direct Farm Ownership Loan limit increases to \$600,000, and the Guaranteed Farm Ownership loan limit increases to \$1,750,000.
- Equitable relief may be granted on direct farm ownership, operating, or emergency loans to certain farmers or ranchers who failed to comply with the terms of the loan due to an action of, or the advice of, an FSA employee.
- Socially disadvantaged and beginning farmers will receive a guarantee equal to 95 percent, up from 90 percent.
- Allows borrowers who have received a debt write down or restructuring of a farm loan to be eligible for an Emergency Loan.

### Disaster Programs

- The Livestock Indemnity Program (LIP), the Emergency Assistance for Livestock, Honeybees, and Farm-Raised Fish program (ELAP), the Livestock Forage Disaster Program (LFP), and the Tree Assistance Program (TAP) remain authorized and have minimal changes.
- "Cold" is now considered a LIP covered eligible loss for unweaned livestock without regard to any management practice, vaccination protocol, or lack of vaccination.
- LIP now covers diseases that are caused or transmitted by a vector and are not controlled by vaccination or an acceptable management practice. These diseases were previously covered under ELAP.
- ELAP payments are no longer subject to payment limitation.
- For beginning or veteran farmers or ranchers, the reimbursement costs for TAP increased from 65 percent to 75 percent for replanting lost trees, bushes, and vines; and from 50 percent to 75 percent for the cost of pruning, removal, and other costs incurred for salvaging existing trees, bushes, and vines.

### Other Farm Bill Changes

- The definition of "family member" for farming operation has expanded to include first cousin, niece, and nephew; (great-grandparent or grandparent, parent, child [including legally adopted children and stepchildren] grandchild, great grandchild, sibling of the family members in the farming operation, and spouses of family members). This term is used to identify joint operations that are comprised entirely of family members, which are not subject to the restriction on the number of members that may qualify as actively engaged in farming.

## What's New: Natural Resources Conservation Service (NRCS) and the 2018 Farm Bill



<b>Conservation Overview</b>
<ul style="list-style-type: none"> <li>• Strengthens and expands support to producers who address significant natural resource concerns through adoption of conservation practices and activities.</li> <li>• Ensures that voluntary conservation programs balance farm productivity with conservation benefits so the most fertile and productive lands remain in production while land retired for conservation purposes favors more environmentally sensitive acres.</li> <li>• Supports conservation programs that ensure cost-effective financial assistance for improved soil health, water and air quality, and other natural resource benefits.</li> <li>• Encourages entry into farming through increased access to land and capital for young, beginning, veteran, and underrepresented farmers.</li> </ul>
<b>Environmental Quality Incentives Program</b>
<ul style="list-style-type: none"> <li>• Adds potential resource concerns related to beneficial cost-effective operation changes.</li> <li>• Raises cap for organic producers to \$140,000 over six years.</li> <li>• New enrollment option through incentive contracts to address priority resource concerns.</li> <li>• Requires advance payment option be offered to historically underserved producers.</li> <li>• Authorizes direct program assistance to irrigation districts, including acequias and other entities, for purposes of improving water use efficiencies.</li> </ul>
<b>Conservation Stewardship Program</b>
<ul style="list-style-type: none"> <li>• Increases payment rates for adoption of cover crop rotations and advanced grazing management activities.</li> <li>• Authorizes contract extensions to facilitate renewal under new program authority.</li> <li>• Transforms funding mechanism for program contracts, authorizing specified annual funding levels.</li> <li>• Provides specific support for organic and transitioning to organic production activities.</li> <li>• Includes special grassland conservation initiative for certain producers who have maintained cropland base acres.</li> </ul>
<b>Agricultural Management Assistance Program</b>
<ul style="list-style-type: none"> <li>• Maintains support for conservation practices that reduce crop risk.</li> </ul>

## What's New: NRCS and the 2018 Farm Bill

### Agricultural Conservation Easement Program

- Authorizes assistance to partners who pursue 'Buy-Protect-Sell' transactions.
- Requires a conservation plan for highly erodible land that will be protected by an agricultural land easement.
- Increases flexibility for partners to meet cost-share matching requirements.
- Identifies water quality as a program purpose for enrollment of wetland reserve easements.
- Expands wetland types eligible for restoration and management under wetland reserve easements.

### Healthy Forests Reserve Program

- Expands enrollment options for Indian tribes.

### Regional Conservation Partnership Program

- Simplifies funding authorities for program implementation.
- Authorizes Regional Conservation Partnership Program contracts rather than requiring enrollment through other program authorities.
- Expands flexibility for alternative funding arrangements with partners.
- Expands availability of watershed program authorities to projects outside critical conservation areas.

### Other Farm Bill Programs

Strengthens conservation assistance framework through support for—

- Agriculture Conservation Experienced Services Program
- Conservation Innovation Grants
- Technical Service Providers
- Veteran Farmers
- Voluntary Public Access and Habitat Incentive Program
- Conservation Compliance for Highly Erodible Lands and Wetlands
- Small Watershed Rehabilitation Program
- Emergency Watershed Protection Program

## What's New: Risk Management Agency (RMA) and the 2018 Farm Bill

<b>Overview</b>
<ul style="list-style-type: none"> <li>The 2018 Farm Bill makes several improvements to existing insurance products, speeds the creation of numerous new products, and strengthens the integrity of the program through new outreach and compliance requirements.</li> </ul>
<b>Improved Prices and Actuarial Data</b>
<ul style="list-style-type: none"> <li>Actuarial operations, like determining price elections and yields, will use more internal USDA data, including data from the National Agricultural Statistics Service (NASS) and Farm Service Agency (FSA).</li> </ul>
<b>Specialty Crops</b>
<ul style="list-style-type: none"> <li>Allows for the Federal Crop Insurance Corporation (FCIC) to offer policies for industrial hemp.</li> <li>Creates Specialty Crop Liaisons in each RMA Regional Office.</li> <li>Creates a dedicated Specialty Crop website.</li> <li>Requires RMA to submit to the Board, for consideration, more specialty crop insurance products and expansions for existing specialty crop insurance.</li> </ul>
<b>Conservation and Cover Cropping</b>
<ul style="list-style-type: none"> <li>Specifies cover cropping as a good farming practice if done per Natural Resources Conservation Service (NRCS) guidelines.</li> <li>Clarifies insurability of subsequent crops and the applicability of the summer fallow practice.</li> <li>Segments penalties for native sod on land tilled between current and 2014 Farm Bills.</li> <li>Limits penalties for newly tilled land on native sod to four cumulative years.</li> </ul>
<b>New Policy Features</b>
<ul style="list-style-type: none"> <li>Allows for an enterprise unit to include land across county lines.</li> <li>Requires underwriting rules to cap individual actual production history declines at 10 percent when due to insurable causes of loss.</li> <li>Creates a Veteran Farmer or Rancher category so veteran farmers will receive additional benefits.</li> </ul>
<b>Underserved Producers</b>
<ul style="list-style-type: none"> <li>Requires recurring study to increase participation in states and for underserved producers.</li> <li>Defines Beginning Farmer as having not held an insurable interest for more than 10 years for the Whole Farm Revenue Protection Program.</li> <li>Requires the USDA to select State-level Beginning Farmer or Rancher coordinators.</li> <li>Creates a Veteran Farmer or Rancher category like current Beginning Farmer or Rancher, which means veteran farmers will receive additional crop insurance benefits such as an increased subsidy.</li> </ul>
<b>Treatment of Forage and Grazing</b>
<ul style="list-style-type: none"> <li>Repeals ban on catastrophic coverage for crops and grasses used for grazing.</li> <li>Allows for separate coverage on crops that are both grazed and mechanically harvested.</li> </ul>



<b>Private Product Submissions</b>
<ul style="list-style-type: none"> <li>• Allows for submitters of approved Concept Proposals to receive records collected for their products in the same manner as 508(h) private product owners.</li> <li>• Defines 508(h) reimbursement costs more specifically to use two times the Bureau of Labor Statistics wage rate plus benefits.</li> <li>• Clarifies Approved Insurance Providers vs. applicant roles within the maintenance of policies.</li> <li>• Allows resubmission of reimbursement requests which the board previously denied since Oct. 1, 2016.</li> </ul>
<b>FCIC Board of Directors (Board) Operations</b>
<ul style="list-style-type: none"> <li>• Updates board procedures and instructions to improve operations and reflect other updates to services.</li> </ul>
<b>Administrative Fees</b>
<ul style="list-style-type: none"> <li>• Increases catastrophic coverage fee from \$300 to \$655.</li> </ul>
<b>Program Integrity and Efficiency</b>
<ul style="list-style-type: none"> <li>• Adds NASS data as a source for the FSA program monitoring used for program compliance.</li> <li>• Requires Approved Insurance Providers (AIPs) to submit actual production history data to RMA within 30 days of the producer's production reporting date.</li> <li>• Requires FCIC to expand continuing education requirements for loss adjusters and agents.</li> <li>• Requires stakeholder meetings to research ways to reduce paperwork and find efficiencies for the Whole Farm Revenue Protection product.</li> <li>• Adds authority for the National Institute of Food and Agriculture to awards grants to for producer education.</li> </ul>
<b>Funding Adjustments</b>
<ul style="list-style-type: none"> <li>• Reduces a program administration fund from \$9M to \$7M.</li> <li>• Reduces funding for contracting from \$12.5M to \$8M but focuses the fund for research and development purposes.</li> <li>• Increases funding for partnerships from \$5M to \$10M, including at least \$5M towards underserved producers.</li> </ul>
<b>Interagency Impacts</b>
<ul style="list-style-type: none"> <li>• If producers switch to Agriculture Risk Coverage (ARC), they may not purchase Supplemental Coverage Option (SCO) coverage for that crop on that FSA farm. If producers enroll in ARC or Price Loss Coverage (PLC) for seed cotton, they may not purchase Price Loss Coverage (PLC).</li> <li>• Removes the prohibition on Livestock Gross Margin with participation in Dairy Margin Coverage (formerly Margin Protection Program).</li> <li>• Continues support for the Acreage Crop Reporting Streamlining Initiative.</li> <li>• Limits liability of agents and AIPs when using FSA data.</li> </ul>
<b>Reports to Congress on New Research and Development</b>
<ul style="list-style-type: none"> <li>• Study subjects include: tropical storm or hurricane insurance; quality loss; citrus insurance; hops insurance; subsurface irrigation; grain sorghum insurance improvements; limited irrigation; rice irrigation practices; a greenhouse insurance policy; a local foods insurance policy; and a corn, cotton, and soybean production on batture land in the Lower Mississippi River Valley.</li> </ul>