

# Central VCE Ag

November 2017

## NEW MARKETING OPPORTUNITY FOR SOUTHSIDE

*Introducing*

### The Southern Virginia Food Hub



Join us to learn more about the Southern Virginia Food Hub and how it can add value to your farm or artisan food business. Opening in 2018, the Southern Virginia Food Hub will offer an inspected commercial kitchen for use by local farmers and bakers. Here you can prepare value-added products or baked goods for retail in the onsite grocery or to sale at other locations. The retail grocery section will be open six days per week. It will feature fresh, local produce

and meats, as well as, breads and other value-added products prepared in the kitchen. Ready-to-eat, take home dinners will be prepared daily utilizing local ingredients. Educational, cooking, and other classes will be offered for both the community and area food producers. Assistance in obtaining valuable farm certifications, recipe testing, and acquiring proper product labeling will be offered to participating farmers and producers. And that's not all! The Southern Virginia Hub will be continually adding additional kitchen equipment and trainings to fit the needs of our area farmers and producers. We will grow together!

There is room at the table for you!

#### Join us at one of our scheduled producer and community information meetings

- November 1 @ 6pm Brunswick County  
Town Office, Conference Room, 400 N. Main St., Lawrenceville, VA
- November 15 @ 6 pm Halifax County  
Elmo Grocery, 6247 Elmo Rd, South Boston, VA
- November 16 @ 6 pm Dinwiddie County  
Robert & Betty Ragsdale Community Center, 20916 Old School Rd, McKinney, VA
- November 20 @ 2pm Charlotte County  
Extension Office, 133 LeGrande Ave., Charlotte Courthouse, VA
- November 28 @ 6pm Mecklenburg County  
Southside Planning District, 200 S. Mecklenburg Ave, South Hill, VA
- November 30 @ 6 pm Nottoway County  
Nottoway Courthouse, Conference Room, 207 W. Courthouse Rd, Nottoway, VA
- December 4 @ 1 pm Prince Edward County  
Extension Office. 100 Dominion Drive. Farmville. VA

Ann Taylor Wright, Director, Southern Virginia Food Hub, [SoVaFoodHub@gmail.com](mailto:SoVaFoodHub@gmail.com)

#### TABLE OF CONTENTS By Topic:

- AGRITOURISM:** pp. 4, 7
- BEES:** pp. 7, 8
- ENERGY/SOLAR:** p. 4
- FARM TRANSITION:** p. 5
- FRUIT:** p. 3
- GAP:** p. 4
- INVASIVE SPECIES:** p. 2
- LIVESTOCK:** pp. 3, 6
- LOCAL FOOD:** pp. 1, 6
- MARKETING:** pp. 1
- MONTHLY MEETING:** p. 5
- NEWS & UPDATES** p. 2
- PESTICIDE:** p. 8
- SOIL:** p. 6
- MORE ABOUT US:** p. 10

## STAY ON THE LOOKOUT FOR THE LATEST INVASIVES:

**RED IMPORTED FIRE ANTS**—Fire Ants have been confirmed in Brunswick County and are suspected in Mecklenburg County. Please be on the lookout for mounds in your area, and report them to your local extension agent or the VA Department of Agriculture & Consumer Services.

**BOXWOOD BLIGHT:** **Boxblight** —affecting **boxwoods, sweetbox, and pachysandra** —has been confirmed in Lunenburg County. **Landscapers and homeowners throughout the region should be on the lookout as This pathogen is typically spread through infected plants, tools, clothing, and animals. Fall is the perfect time for growth of the pathogen.**

# Ladybug Invasion?

## Multicolored Asian Lady Beetle in Virginia

*Eric R. Day, Extension Entomologist, Virginia Tech*

**Control of this Beetle in Houses:** Multicolored Asian Lady beetles enter the house through small openings around windows, doors, and utility access points. In addition, they can enter the house by cracks in the siding and trim and through attic vents. Sealing those entry sites is the best method to keep them from becoming indoor pests later. Conduct a thorough energy audit of your house, as places where cold air can enter the house are places where this lady beetle can gain access. Fill all cracks and leaks with a fine quality silicone or silicone-latex caulk. Once inside, insecticides are not recommended except for severe cases. Sweep up with a broom and dustpan all beetles that collect in windowsills and on walls. Beetles can also be picked up with a vacuum cleaner but bags will need to be discarded so that beetles do not escape.

### Control Check List:

- Seal windows and doors with weather stripping
- Check attic and basement for possible entry sites
- Check utility and pipe access points to the house
- Check window screens
- Seal cracks and crevices created by house siding
- Use vacuum cleaner to pick up beetles
- If spraying for beetles inside, pick up dead beetles with vacuum cleaner
- Seal between logs if residence is a log home



**Life History:** Beetles typically start moving into houses and have a peak of activity on or just after October 15th in Virginia. They are quite active on warm days in the fall and winter but have a second peak of activity in late March as they attempt to work their way outside. They do not mate or reproduce in the house and typically overwinter in the walls. They work their way into the living quarters in an attempt to get out of the house. The heated portions of the house are simply too warm and dry for these beetles, and they die out in a few days.

After exiting the house or protected overwintering site in the spring, the beetles seek trees that have populations of aphids on the bark or on the leaves. The adult beetles feed on the aphids and then mate. Bright yellow eggs are laid in clusters on the bark and 3-5 days later hatch. The newly hatched larvae that resemble little alligators take 12-14 days to reach maturity. They then pupate and the adults emerge in about a week. In cool weather, development can take 36 days or longer. The adult under optimal conditions can live 2-3 years. Scientific Name: *Harmonia axyridis* Order: Coleoptera, Family: Coccinellidae. Accepted Common Name: Multicolored Asian Lady Beetle. Other Common Names: Japanese Lady Beetle, Asian Lady Beetles, or Halloween Lady Beetle.

**History of the Beetle In Virginia:** This beetle was first detected in Lee County, Virginia, in January of 1993. By fall of 1993 approximately 40 counties, covering all geographical regions of the state, had new county records. By the late 1990's it was not only statewide in distribution but also covered much of the United States as well.

**History of the Beetle in the United States:** The multicolored Asian lady beetle was first recorded as a pest in houses in 1988 in Abita Springs, Louisiana. Prior to that time the USDA in Georgia and Alabama released it many times between 1916 and 1985 as a potential biological control agent. In those trials the beetle was not recovered after the release, so it was assumed that it had not established and was incompatible with North American conditions. The source of the original infestation in Abita Springs, Louisiana, is unknown. The original infestation site in Louisiana is close to ports used for international shipping, including cargo containers from Asia.

**Already in the house?** You can vacuum up lady bugs! Pesticides are not recommended for ladybug control in the house. The best control is to seal up the cracks and then to vacuum up any that make their way inside! Keep in mind, if you have a central vac system in your house, you should NOT vacuum up stinky lady bugs or the whole house will smell. Remember to remove the bag from the vacuum and dispose of it, or for bagless vacuums, dump contents into a sealable bag.

In Partnership with VSU Small Farm Outreach Program and  
Franklin County Cattlemen's Association present:



# Low-Energy Handling Program for Dairy and Beef Producers



**Dr. Don Höglund MS, DVM**

November 1<sup>st</sup> and 2<sup>nd</sup> for Dairy  
Producers  
9am-Noon and 1pm-4pm  
Host Farm TBD

November 3<sup>rd</sup> for Beef Producers  
6pm-9pm  
Simmons Farm  
9276 Brooks Mill Road  
Wirtz, VA

November 4<sup>th</sup> for Youth in  
4-H and FFA  
10am-2pm  
\$20/youth

\$50 per person - Limited spaces available! Free to spectators for the beef event, fee only applies to hands-on training. To RSVP or for more information call 540-483-5161.



## Virginia Strawberry Post-Plant Field Walks

### Program Speakers:

**Dr. Chuck Johnson**

Extension Plant Pathologist – Southern Piedmont Agricultural Research and Extension Center-Virginia Tech

**Dr. Jayesh Samtani**

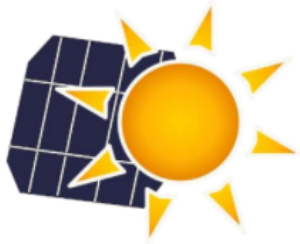
Small Fruit Production Specialist - Hampton Roads Agricultural Research and Extension Center-Virginia Tech

**Dr. Allen Straw**

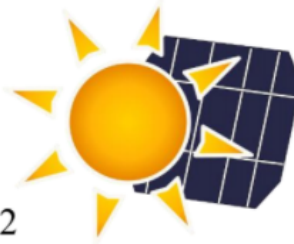
Horticulture Specialist - Southwest Virginia Agricultural Research and Extension Center-Virginia Tech

Central Virginia Meeting Thursday November 9, 2017	Greater Richmond Meeting Wednesday November 8, 2017	SE Virginia/ NE NC Meeting Wednesday November 8, 2017
<b>Yoders' Farm</b> 1134 Browns Mill Road Rustburg, VA 24588 GPS: 34.041436, -79.133659	<b>Brachead Farm</b> 1130 Tyler St. Fredericksburg, VA 22401 GPS: 38.2834315, -77.4704517	<b>Brookdale Farms</b> 2133 Mount Pleasant Rd. Chesapeake, VA 23322 GPS: 36.7143458, -76.1463654
Start Time: 3:00 p.m. End Time 5:15 p.m.	Start Time: 9:00 a.m. End Time: 11:15 p.m.	Start Time: 3:00 p.m. End Time 5:15 p.m.
REGISTRATION IS REQUESTED COST: \$10.00 PER PERSON (FEE IS WAIVED FOR CURRENT VIRGINIA STRAWBERRY ASSOCIATION MEMBERS)	REGISTRATION IS REQUESTED COST: \$10.00 PER PERSON (FEE IS WAIVED FOR CURRENT VIRGINIA STRAWBERRY ASSOCIATION MEMBERS)	REGISTRATION IS REQUESTED COST: \$10.00 PER PERSON (FEE IS WAIVED FOR CURRENT VIRGINIA STRAWBERRY ASSOCIATION MEMBERS)

For more information on any of the programs or to register, please contact Roy D. Flanagan III, 757-385-8139 or [royf@vt.edu](mailto:royf@vt.edu)



**Solar Photovoltaics: Introductory Workshop**  
 9:00 AM to 4:00 PM Friday, November 3, 2017  
 South Board Room  
 Augusta County Government Center  
 18 Government Center Lane, Verona, VA 24482



Please join us for a workshop exploring solar photovoltaic (PV) systems. This workshop is offered through Virginia Cooperative Extension's Augusta County Extension Office, and Biological Systems Engineering Department, and is co-sponsored by the Virginia Department of Mines, Minerals and Energy (VA-DMME) and the Sustainable Agriculture Research and Education Program of Virginia. Session speakers will include representatives from Virginia Cooperative Extension, USDA, Chesapeake Bay Foundation and Azimuth Solar Training, LLC.

This event will be held at the Augusta County Government Center, directions are available at: [LINK](#) and the address is: Augusta County Government Center 18 Government Center Lane, Verona, VA 24482.

**Registration Information:** Pre-registration is required and space is limited.

**REGISTER ONLINE FOR \$15**  
**REGISTER ONLINE NOW AT:**  
<http://bit.ly/2yxyPWt>

OR, participants may register by calling (540) 432-6029 x108 AND sending a check for \$20 made out to "Treasurer of Virginia Tech" via mail to Virginia Cooperative Extension, 2322 Blue Stone Hills Drive #140 Harrisonburg, VA 22801, please note in the check memo: "11/3/17 Solar PV Workshop". **The check must be received by October 27, 2017.** A box lunch will be provided. Please indicate any dietary restrictions during registration.

## Understanding Good Agricultural Practices and the Produce Safety Rule

**WHEN:** NOVEMBER 13, 2017

**WHERE:** CHARLOTTE COUNTY EXTENSION OFFICE  
 133 LEGRANDE AVE  
 CHARLOTTE COURT HOUSE 23923

**TIME:** 1 P.M. TO 3 P.M.

Fruit and vegetable producers are invited to attend as the differences between the USDA GAP's and the FSMA PSR rule are explained. Producers will learn who is affected, what is voluntary, what is required and what exemptions exist. Producers will have time to ask questions after a short overview.

## Dinwiddie Agritourism Workshop

Thursday, November 9,  
 10:00 a.m. - 4:00 p.m.  
 Ragsdale Community Center,  
 McKenney, VA



Learn about important Agritourism topics! Network and create partnerships!

For questions, contact Andrew Hardy at  
 AHardy@dinwiddieva.us or 804-732-1100. Register here:

<https://apm.activecommunities.com/playdinwiddie/>

[Activity Search/1055](#), or by calling Andrew. Registration Deadline is November 2, 2017 and space is limited - register early!



# Farm Transition & Estate Planning Workshop

This workshop is free and open to the public. For more information, call the Small Farm Outreach Program Office at (804) 524-3292.



**NOVEMBER 14 • EMPORIA, VA**

REGISTER ONLINE: <https://goo.gl/forms/36dL23C9vXRRFbi03>

Hosted by VSU Small Farm Outreach Program Agent Derrick Cladd ([dcladd@vsu.edu](mailto:dcladd@vsu.edu) / (804) 892-4581)

**NOVEMBER 20 • HALIFAX, VA**

REGISTER ONLINE: <https://goo.gl/forms/PVeS4Tc890UQijPm2>

Hosted by VSU Small Farm Outreach Program Agent Cliff Somerville ([csomerville@vsu.edu](mailto:csomerville@vsu.edu) / (804) 892-4581)

## Tri-County Ag Supper Club

*Don't miss this informal, laid back atmosphere for asking those burning questions and getting to know other local producers!*

Meetings will be held monthly at Wilson's BBQ in South Hill with supper on your own. Topics will be determined by request, to include policies and other issues related to agriculture on a local, state and national level.

If you have ever wanted to get together with other producers and discuss topics of interest, with plenty of time for questions and answers, this is your chance.

Meetings will also be held on:  
 Thursday, November 16, 2017  
 Thursday, January 18, 2018  
 Thursday, February 15, 2018  
 Thursday, March 15, 2018  
 Thursday, April 19, 2018



## Upcoming Bull & Cattle Sales

**Nov. 11**—Angus Bull Sale, Spring Grove Ranch, Lynchburg, VA. (434)660-4274.

**Nov. 23**—Bull Sale, Shelton Angus/ Dogwood Farm, Gretna, VA. (434)251-7149

**Nov. 25**—Bulls, Pairs, Bred-Cow Sale, Edgewood Angus, West Point, VA. (757) 880-7274.

**Dec. 1**—Knoll Crest Fall Bull Sale, Knoll Crest Farm, Red House, VA (434) 376-3567

**Dec. 12**— Weaned Calf Sale, Virginia Cattle Company, Radiant, VA (540)622-4889

For more sale dates, check out: <http://vacattlemen.org/>

## HEART OF VIRGINIA BUY FRESH BUY LOCAL 2017 Annual Membership Meeting



**Let's celebrate another year of great food!**

Please join us for our annual meeting to chat with fellow farmers and food entrepreneurs and to learn about the Heart of Virginia Buy Fresh Buy Local Chapter's accomplishments in 2017. The meeting will be followed by a networking mixer featuring local foods provided by HOVABFBL members.

### AGENDA

5:30PM-6:00PM – Registration and Exhibits

6:00PM-7:00PM – Annual Meeting

7:00-7:30PM – Networking Mixer



### WHEN

Thursday, November 16<sup>th</sup>  
6:00PM – 7:30PM

### WHERE

Robert Russa Moton Museum  
900 Griffin Blvd, Farmville

### RSVP

Please let us know if you plan to attend!  
Contact Caitlin Miller  
434-392-4246  
[cgracem@vt.edu](mailto:cgracem@vt.edu)

### FEATURING

A sampling of our members' locally-grown, locally-made, and locally-raised products!

## Soil Amendment and Composting Field Day

**NOVEMBER 13, 2017**  
9:00 am - 12:00 pm

**RVA'S URBAN FARM**  
901 Bainbridge Street  
Richmond, VA



REGISTER ONLINE: <https://goo.gl/forms/rR8oR8VWhew594vi1>

Speakers: Dr. Leonard Githinji, Sustainable and Urban Agriculture Specialist at Virginia State University; Dr. Greg Evanylo, Professor and Extension Specialist of Crop and Soil Environmental Sciences at Virginia Tech University; and Amy Wildermann, Urban Farm Manager, Tricycle.

THIS EDUCATIONAL WORKSHOP IS FREE AND OPEN TO THE PUBLIC.  
FOR MORE INFORMATION, CALL (804) 524-5960.



*You think* So . . .  
**You wanna be  
a Beekeeper ?**

*If you've been thinking about raising bees and producing honey in your own back yard, but don't know the first thing about it, come to this mini-seminar to find out what to expect.*

*Covers costs, time commitments, obstacles and opportunities, how to get started and where to get some help.*

**Wednesday, Nov 15, 6:30-8:30 pm**  
Sponsored by Campbell County Extension  
163 Kabler La, Rustburg  
**(434) 332-9538**

**Presented by**  
Ann Zudekoff,  
EAS Certified Master Beekeeper



***This session is FREE, but you must call in advance to pre-register***

## SOVA Agritourism Workshop

Wednesday, December 6, 2017: 10:00 a.m. – 3:00 p.m.  
Cloverdale Quarters, Sutherlin, VA

Learn about important Agritourism topics! Network and create partnerships! Thanks to our sponsors, this event is free, but registration is required. To register, visit <http://www.dpchamber.org/events/details/id/293/category/chamber-events/innovative-communities-agritourism-in-vi> or email [chamber@dpchamber.org](mailto:chamber@dpchamber.org) or call 434-836-6990.

Registration Deadline is November 29 and space is limited - register early!

## Important Pesticide Recertification Dates

Emporia Extension  
Office, 105 Oak Street,

### Private Pesticide Applicator Recertification Sessions Category 90, 91, & 87

**Nov. 14 Dinwiddie:** Old Hickory Vol. Fire Dept., Stony Creek, VA, 9am – noon; Mike Parrish at 804-469-4514

**Nov. 14 Sussex:** Sussex County Fire Dept., 20169 Princeton Road, Sussex, VA, 1:00 pm - 4:00 pm, Contact Mike Parrish at 804-469-4514

**Dec. 5 Campbell:** County Campbell Extension Office, 163 Kabler Lane, Rustburg, VA from 9:00 am – noon, Contact Todd Scott at 434-332-9538

**Dec. 6 Nottoway:** Southern Piedmont AREC, 2375 Darvills Road, Blackstone, VA from 6:00 pm – 9:00 pm. Contact the Haley Norton at 434-645-9315

**Dec. 14 Powhatan/Goochland:** Goochland County Public Library (3075 River Rd West, Goochland VA 23063) from 6:00 pm – 9:00 pm. Contact Rachel Grosse 804-598-5640 or Charley Maxwell at 804-556-5841

**Jan. 4 Buckingham/Cumberland/Prince Edward:** Prince Edward Extension Office, Farmville, VA from 2:00 pm – 5:00 pm. Contact Katy Overby at 434-392-4246, Jennifer Ligon at 434-969-4261, or Amber Anderson at 804-492-4390.

**Jan. 4 Amelia:** Amelia County Government Building Conference Room, 16360 Dunn Street, Amelia, VA from 6:00 pm – 9:00 pm. Contact Laura Siegle at 804-561-2481

**Jan. 16 Greenville County/Emporia:** Greenville/

Emporia, VA from 2:00 pm-5:00 pm. Contact Sara Rutherford or Sammi Kent 434-348-4223.

**Jan. 18 Halifax:** Mary Bethune Center, Halifax, VA from 6– 9 pm. Contact Rebekah Slabach at 434-476-2147.

**Jan. 25 Appomattox:** Appomattox Community Center from 2:00 pm – 5:00 pm. Contact Bruce Jones; 434-352-8244.

**Jan. 30 Brunswick:** Brunswick County Government Annex Auditorium, from 6:00 pm – 9:00 pm. Contact Cynthia Gregg or Virgie Dow at 434-848-2151.

**Feb. 1 Mecklenburg:** Sandy Fork Hunt Club, Clarksville, VA; 6-9pm. Contact Taylor Clarke or Vickie Tackett at 434-738-6191 ext. 4371.

**Feb. 20 Charlotte/Lunenburg Counties:** The Workforce Development Building at Southside Virginia Community College in Keysville, VA from 6:00 pm – 9:00 pm. Contact Charlotte at 434-542-5884 or Lunenburg at 434-696-5526.

**Commercial Ag Recertification—Wed., December 13, 2017, Southern Piedmont AREC, Blackstone, VA.** 9:00am—4:30pm, Registration 8:30am. \$15/person. Register by December 1, 2017. Contact Mecklenburg Extension Office (434) 738-6191 ext. 4371. **Categories Covered: 1A/Ag Plant; 1B/Ag Animal; 1C/Fumigation of Soil & Ag Products; 1D/Chemigation; 4/Seed Treatment; 10/Demo& Research; 60/Reg. Technicians; and Private 90&91.**

### About Pesticide Certification

- Private Pesticide License—licenses expire on Dec. 31 of year of expiry; this license is for farmers who need to purchase **restricted use** chemicals for their farm.
- Commercial Pesticide License— licenses expire on June 30 of year of expiry; this license is for any individual applying chemicals to public property or for hire.

Both private and commercial licenses are good for two years. You must attend an approved recertification program to renew your license prior to it expiring—and sign ALL paperwork at that recertification course. There is a 60 day grace period following the expiration date of your license, during which, if you attend a recertification you will not have to retest, but your license will be renewed once the paperwork goes through. It is important to remember though, that you cannot purchase restricted use chemicals with an expired license.

You can always check your pesticide certification status on the Virginia Department of Ag & Consumer Services website here: <http://www.vdacs.virginia.gov/pesticide-applicator-certification.shtml>

*\*For more information contact your local extension agent.*



# 2018 Dates to Keep in Mind

**January 17** [Beekeeping Workshop Series, Intro to Beekeeping](#) at the Buckingham Extension Office at 7:00 p.m. This is a four part series beginning in January and ending in April. Cost is \$25. For more information, contact the Buckingham Extension Office at (434) 969-4261.

Join more than 400 Farmers, Gardeners & Foodies at the

19th  
annual

## Virginia Biological Farming Conference

January 22-24, 2018 at The Homestead Resort

- Intensive pre-conference workshops
- 6 tracks of conference sessions
- Agriculture tradeshow
- Seven Springs Bulk Delivery
- 'Taste of Virginia' social

- in Hot Springs, VA
- resort accommodations at only \$95 per night
- childcare available
- hot tubs & heated pools
- hiking, ice skating, skiing
- luxuries that every farmer deserves!



February 3,  
2018  
(Snow Date  
Feb 10, 2018)  
8AM – 3PM

THE INSTITUTE for ADVANCED  
LEARNING & RESEARCH  
150 Slayton Avenue  
Danville VA 24540

The 8<sup>th</sup> Annual Presentation  
of the  
Danville Master Gardeners &  
Virginia Cooperative Extension

**29th - Feb**

**2** [Advanced Craft Malting Course](#) Registration is now open for our next class in craft malt production which will be held January 29th to Feb 2nd at Virginia Tech, in Blacksburg, VA. The instructors will be Dr. Patrick Boivin, Training & Technical Manager, IFBM and Mr. Aaron MacLeod, Director, Hartwick College Center for Craft Food and Beverage. The fee will be \$1,500/person. Complete Program and Registration information can be found here: <http://www.hartwick.edu/about-us/centers-institutes/center-for-craft-food-and-beverage/advanced-craft-malting-course/>

**March 2-3** South Atlantic Hops Conference: Save the date for the 2018 conference to be held at Virginia Tech in Blacksburg, VA. More information forthcoming at <http://ext.vt.edu/agriculture/commercial-horticulture/hops.html>

**April 7-8** [Wool Handling School](#) hosted by Virginia Cooperative Extension and American Sheep Industry Association at Blue Ridge Community College's Robert E. Plecker Workforce Center in Weyers Cave. Topics: wool fiber characteristics, responsibility in wool production, wool contamination and handling practices, wool packaging and labeling, and commercial wool processing fee. Instructor fee and registration: \$75 (payable to American Sheep Industry Association) and due by August 10th by mail to: August Extension Office, P.O. Box 590, Verona VA 24482; contact John Benner at [benner89@vt.edu](mailto:benner89@vt.edu) or (540) 245-5750.

# About Us

## THIS NEWSLETTER

This agriculture newsletter is created by Virginia Cooperative Extension—Central District (Extension Agents) as part of our outreach and public efforts. If you have questions, comments, or information for the newsletter, please contact Lindy Tucker via email at [tucker07@vt.edu](mailto:tucker07@vt.edu), or via cell at (434) 321-2009. *\*Note—this is a change in contact person.*

Information and flyers for our programs can be found on Google Drive: [here](#).

## SOCIAL MEDIA



Want to know more about local farms? Follow the **Ag Spotlight** blog to learn about farms and ag in south central Virginia! <http://blogs.ext.vt.edu/central-virginia-ag-spotlight/>.

Like us on Facebook at

**Virginia Cooperative Extension Central District** or follow your local

**Virginia Cooperative Extension—Your County** Facebook page!



## Virginia Cooperative Extension

Virginia Tech  
Virginia State University

## VIRGINIA TECH & VIRGINIA STATE

VSU College of Agriculture offers many educational programs, workshops, and field days. To find out more, visit: <https://www.ext.vsu.edu/calendar/> or follow the **VSU College of Agriculture Facebook page** and check out their **Events** section: <https://www.facebook.com/VsuCollegeOfAgriculture/>.

*Extension is a joint program of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and state and local governments.*

*Issued in furtherance of Cooperative Extension work, Virginia Polytechnic Institute and State University, Virginia State University, and the U.S. Department of Agriculture cooperating. Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia Tech, Blacksburg; M. Ray McKinnie, Administrator, 1890 Extension Program, Virginia State, Petersburg.*

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