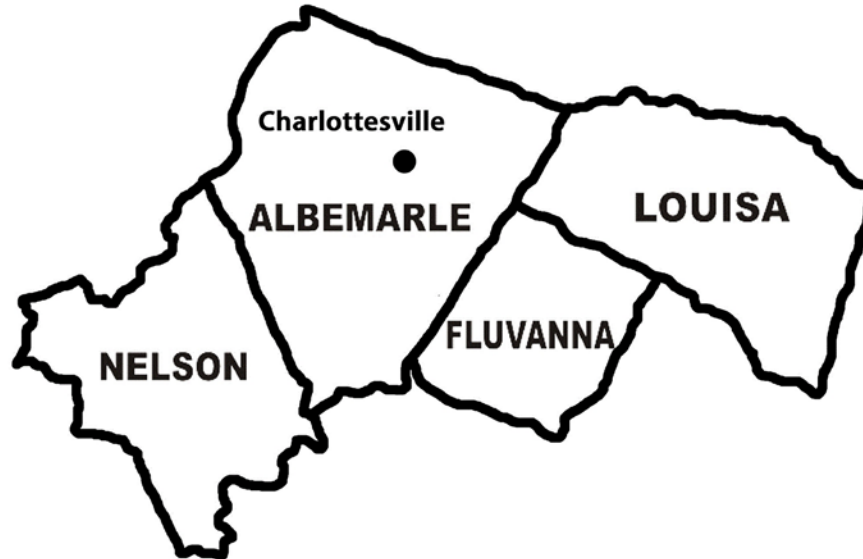


Thomas Jefferson Soil and Water Conservation District



CHARLOTTESVILLE: (434) 975-0224
LOUISA: (540) 967-5940
www.tjswcd.org

Anne Coates -District Manager

Luke Longanecker-Conservation Programs Manager

What is a Conservation District?

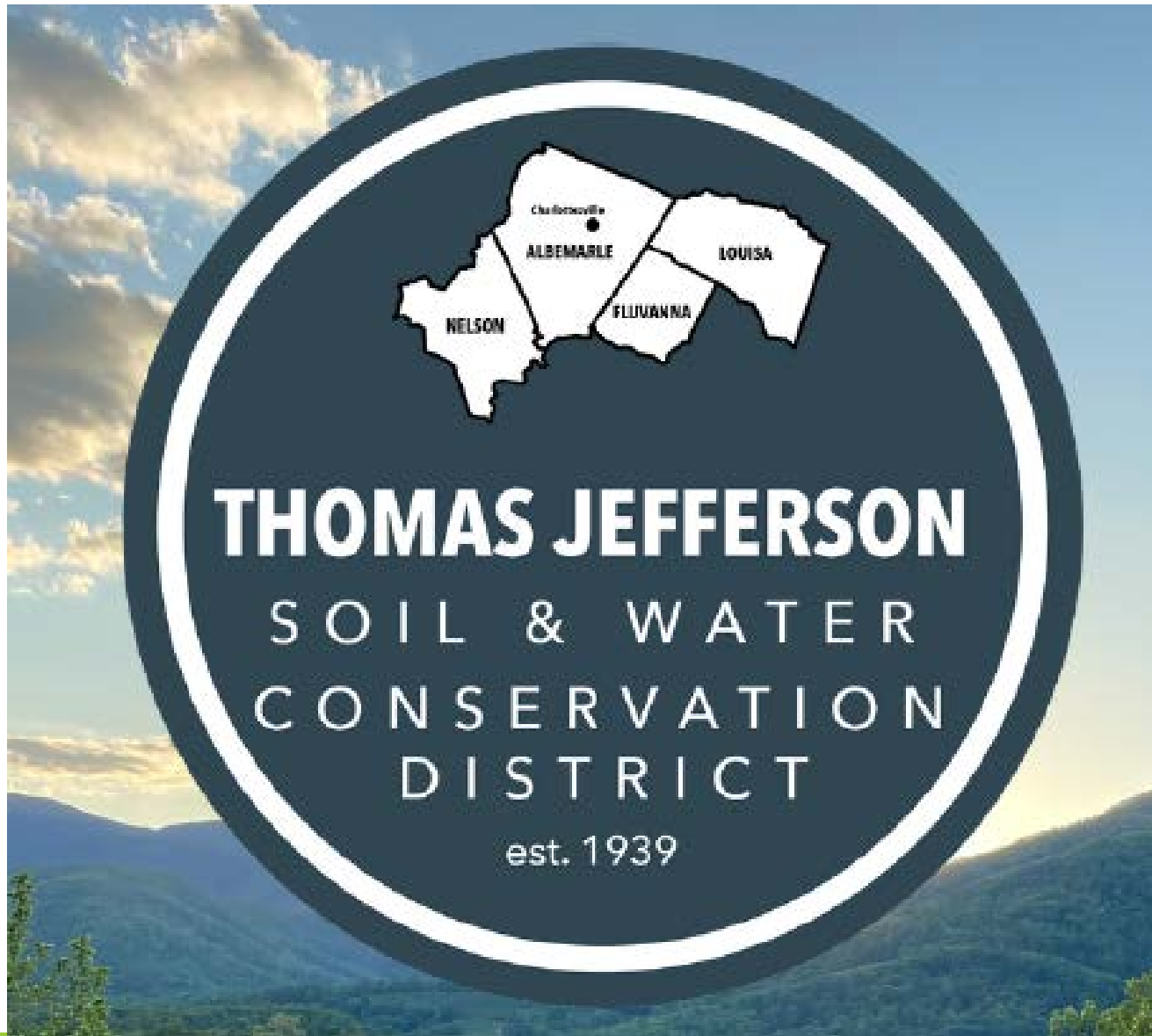
**Formed in 1930s in
response to Dust Bowl
to create local influence**

- **Local directors**
- **Local landowners**
- **Local decisions**
- **Local programs**



3000 in U.S.
47 in Virginia
98% of land in U.S.

TJSWCD Established in 1939



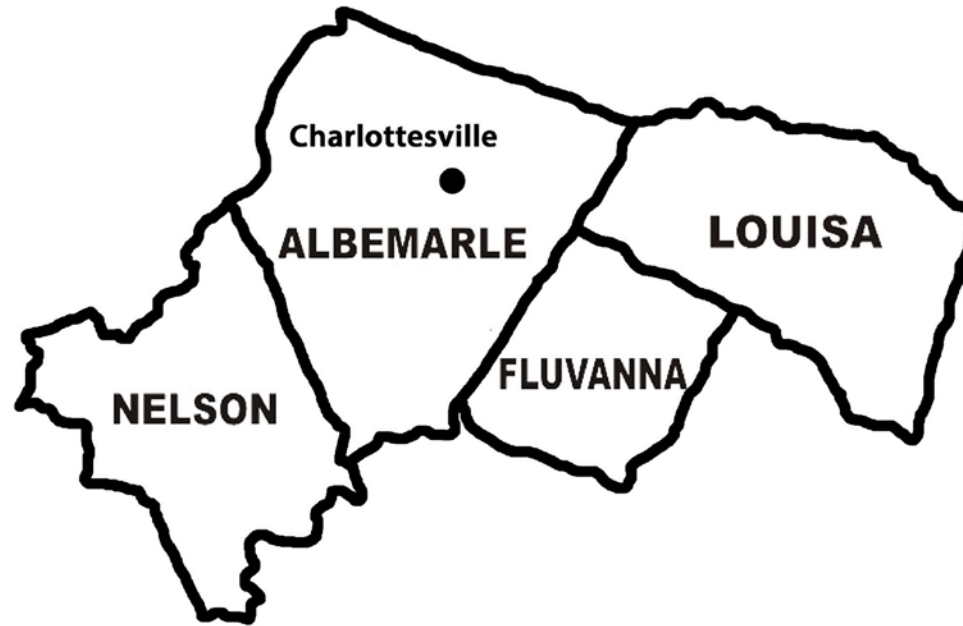
Political Subdivision of State

**Authorized through
Code of VA 10.1-546**

**Governed by locally
Elected Board of Directors
Non-Partisan**



District Area 5 Localities



Board of Directors - 17

12 Voting Directors + 5 Associate Directors

Thomas Jefferson SWCD

Programs

- ✓ **Agriculture and Rural Lands**
- ✓ **Septic – Repair, Replacement, Pump-Outs**
- ✓ **Residential Assistance**
- ✓ **Education – Youth and Adult**
- ✓ **Easement – Stormwater and Land Conservation**
- ✓ **Erosion and Sediment Control**
- ✓ **Stormwater Plan Review**

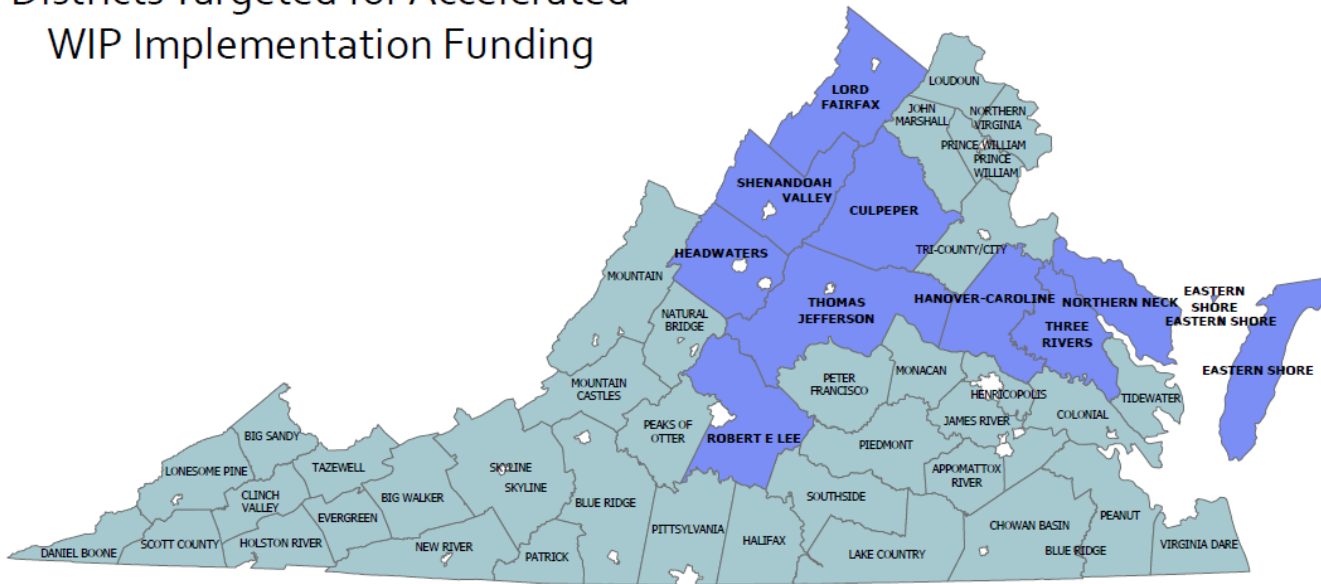


Rivanna Stewardship Education Partnership



<https://rivanna-stormwater.org/>

Districts Targeted for Accelerated WIP Implementation Funding



CULPEPER SWCD:
Culpeper Co.
Greene Co.
Madison Co.
Orange Co.
Rappahannock Co.

EASTERN SHORE SWCD:
Accomack Co.
Northampton Co.

HANOVER-CAROLINE SWCD:
Hanover Co.
Caroline Co.

HEADWATERS SWCD:
Augusta Co.
City of Staunton
City of Waynesboro

LORD FAIRFAX SWCD:
Clarke Co.
Frederick Co.
Shenandoah Co.
Warren Co.
City of Winchester

NORTHERN NECK SWCD:
Lancaster Co.
Northumberland Co.
Richmond Co.
Westmoreland Co.

ROBERT E. LEE SWCD:
Amherst Co.
Appomattox Co.
Campbell Co.
City of Lynchburg

SHENANDOAH VALLEY SWCD:
City of Harrisonburg
Page Co.
Rockingham Co.

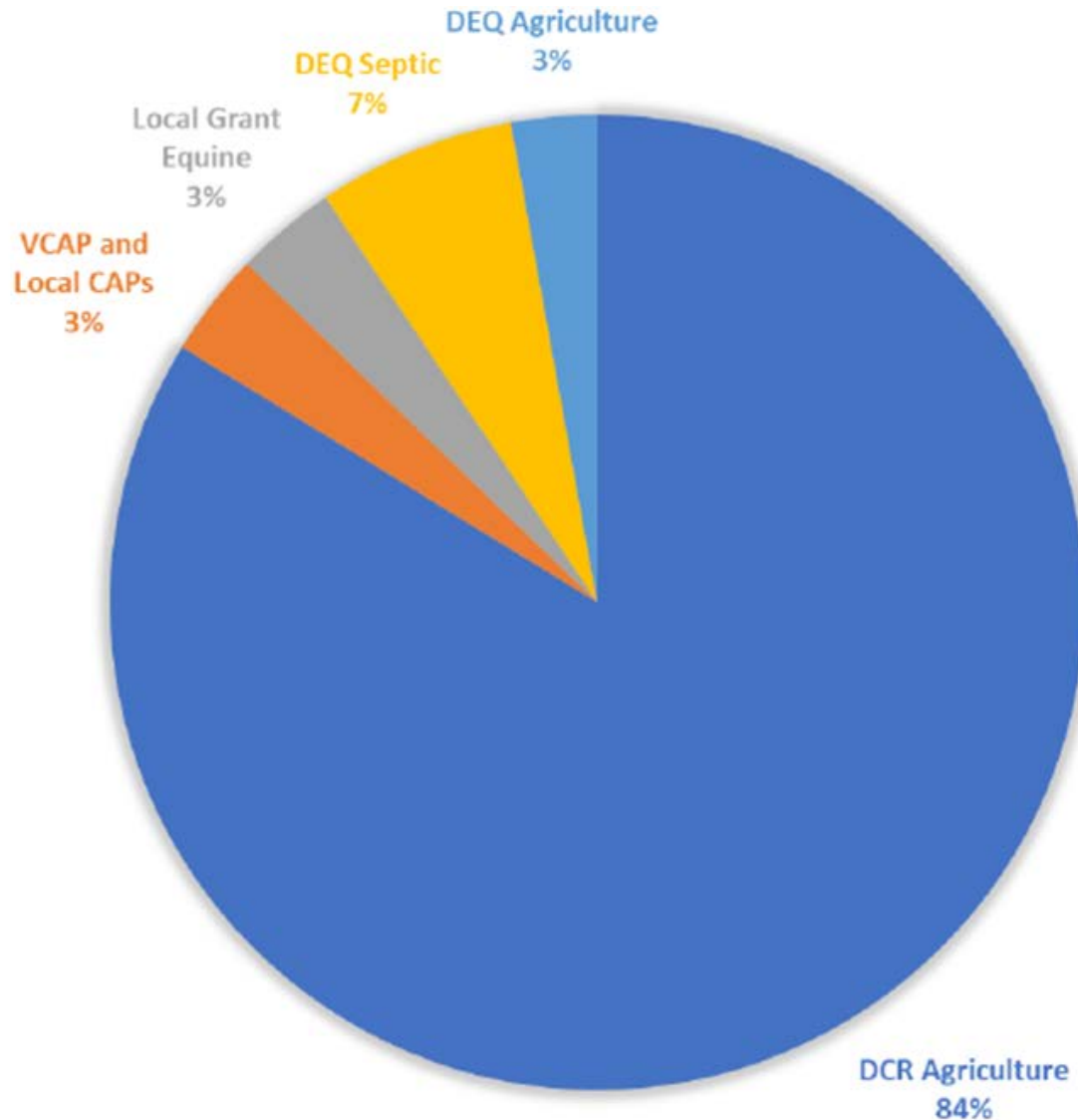
THOMAS JEFFERSON SWCD:
Albemarle Co.
City of Charlottesville
Fluvanna Co.
Louisa Co.
Nelson Co.

THREE RIVERS SWCD:
Essex Co.
King & Queen Co.
King William Co.

Watershed Implementation Plans (WIP III) 2019 -2025

Reduce Nitrogen and Phosphorous

AGRICULTURAL COST SHARE PROGRAM



voluntary Water Quality Protection

AGRICULTURAL COST SHARE PROGRAM

Improve & protect water quality, conserve soil, and improve farm management through *voluntary* incentive programs.

Livestock Watering Systems and Stream Fencing

From this ...



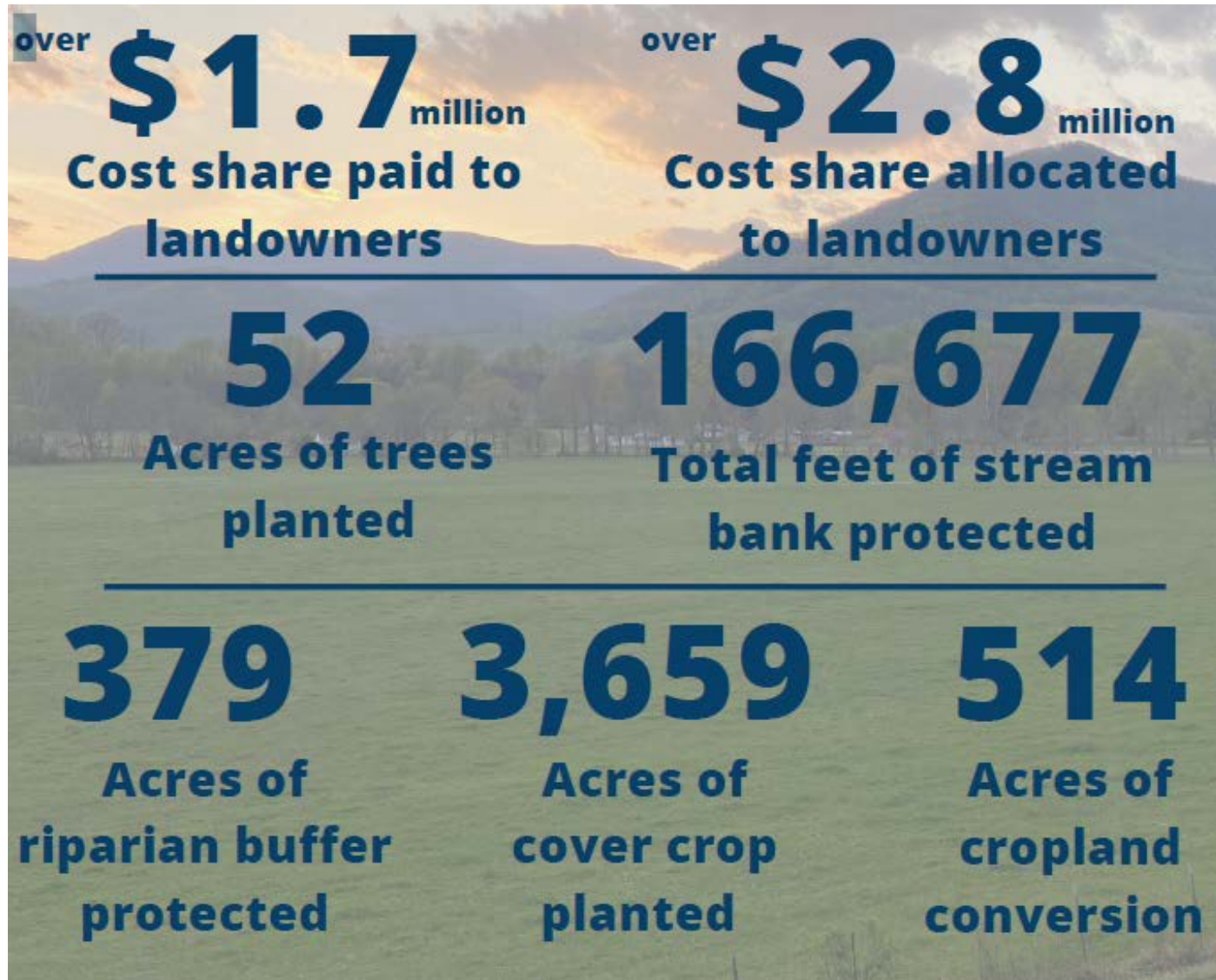
To this ...



&



Agricultural Impact in FY20



voluntary Water Quality Protection

Cumulative Agricultural Impact since 1998



122 Miles of Stream Protected in Albemarle County since 1998

AGRICULTURAL COST SHARE PROGRAM

Albemarle County

Total Completed Agriculture Best Management Projects (BMP's) 1998 thru FY2020

Completion FY	Number of BMPs Installed	Total Stream Bank Protected (Feet)	Total Calculated Buffer (Acres)	Total Farm Acres	Total Funding from Partner Agencies	Total Cost Share Payments From TJSWCD	Total Landowner Contribution	Total State Tax Credit Issued
1998	1	3.35	0.00	6.70	\$0.00	\$2,751.00	\$2,433.39	\$0.00
1999	21	4,620.10	0.00	2,685.10	\$0.00	\$62,387.48	\$42,818.15	\$7,283.10
2000	22	10,559.00	0.00	297.06	\$0.00	\$46,687.04	\$54,594.16	\$13,127.49
2001	25	5,631.00	0.00	136.50	\$4,091.00	\$54,953.76	\$0.00	\$15,397.92
2002	33	17,260.00	41.32	362.80	\$44,816.00	\$78,740.99	\$85,163.27	\$5,726.45
2003	29	17,485.50	16.06	257.50	\$70,887.00	\$30,123.62	\$89,852.31	\$15,491.50
2004	40	12,683.50	2.73	183.20	\$48,527.60	\$25,426.52	\$116,384.39	\$24,499.13
2005	15	19,678.50	60.03	315.80	\$29,043.40	\$78,181.32	\$41,203.67	\$7,193.08
2006	26	15,780.50	23.09	421.90	\$51,025.40	\$65,515.88	\$77,595.74	\$5,930.07
2007	19	20,024.00	37.58	659.50	\$19,368.25	\$188,824.73	\$89,906.33	\$17,069.26
2008	49	34,054.85	75.15	798.04	\$95,758.67	\$242,798.97	\$150,586.41	\$19,175.49
2009	41	22,848.50	68.90	682.90	\$35,709.00	\$247,687.17	\$108,661.45	\$14,709.48
2010	59	17,258.00	39.77	533.29	\$0.00	\$295,279.24	\$133,680.72	\$21,708.99
2011	34	57,128.50	111.93	750.28	\$117,302.26	\$290,965.46	\$228,540.44	\$34,442.03
2012	144	35,950.00	79.67	664.70	\$51,686.51	\$563,557.16	\$89,211.99	\$31,981.42
2013	84	33,346.50	65.19	649.20	\$98,566.28	\$623,240.84	\$0.00	\$12,326.94
2014	40	67,526.50	111.01	1,292.40	\$0.00	\$892,053.62	\$101,528.76	\$14,706.28
2015	35	38,291.00	90.59	894.20	\$69,784.90	\$613,896.46	\$39,570.02	\$892.92
2016	19	34,913.00	67.18	803.80	\$0.00	\$556,249.50	\$102,341.01	\$1,033.70
2017	44	44,978.50	72.92	1,053.60	\$52,186.15	\$764,273.64	\$174,540.62	\$20,637.83
2018	34	57,890.61	130.85	1,120.80	\$23,154.66	\$688,098.47	\$113,696.98	\$11,103.75
2019	32	32,003.00	49.63	588.60	\$122,058.12	\$328,633.36	\$138,018.21	\$15,709.33
2020	52	42,105.00	144.89	927.25	\$139,243.69	\$503,563.43	\$74,576.53	\$12,045.30
Total	898	642,019.41	1,288.50	16,085.12	\$1,073,208.89	\$7,243,889.66	\$2,054,904.55	\$322,191.46

\$10,694,194.56

voluntary Water Quality Protection



Cost Share Paid to Albemarle County Residents

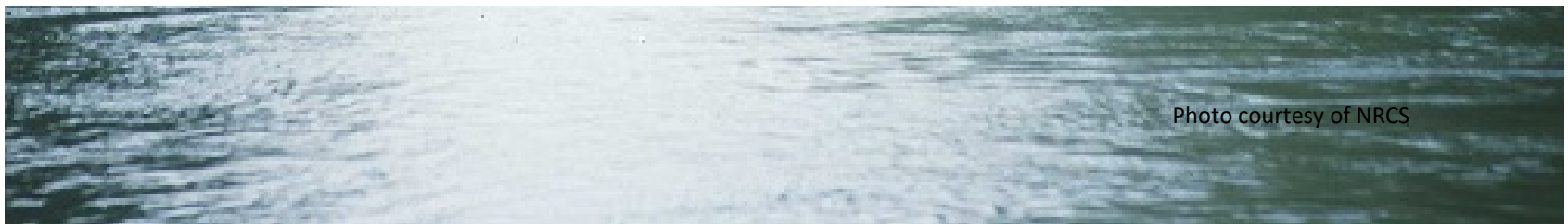
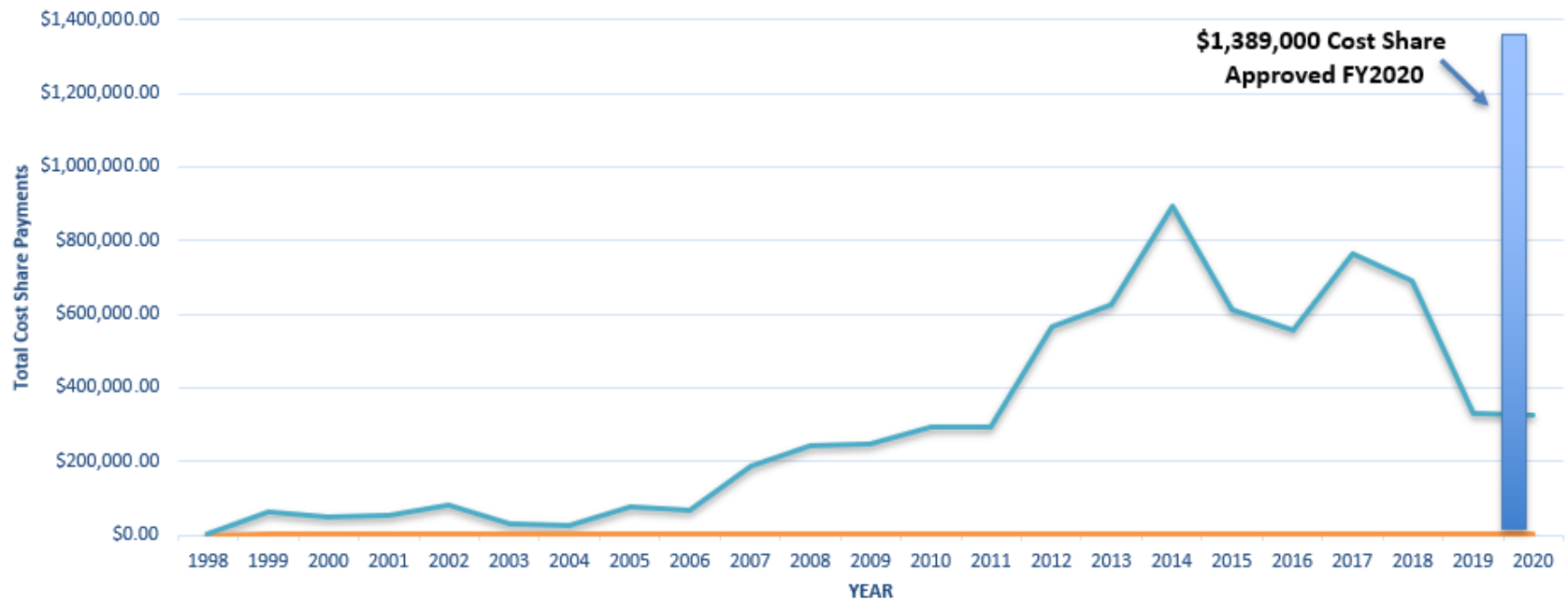


Photo courtesy of NRCS

voluntary Water Quality Protection

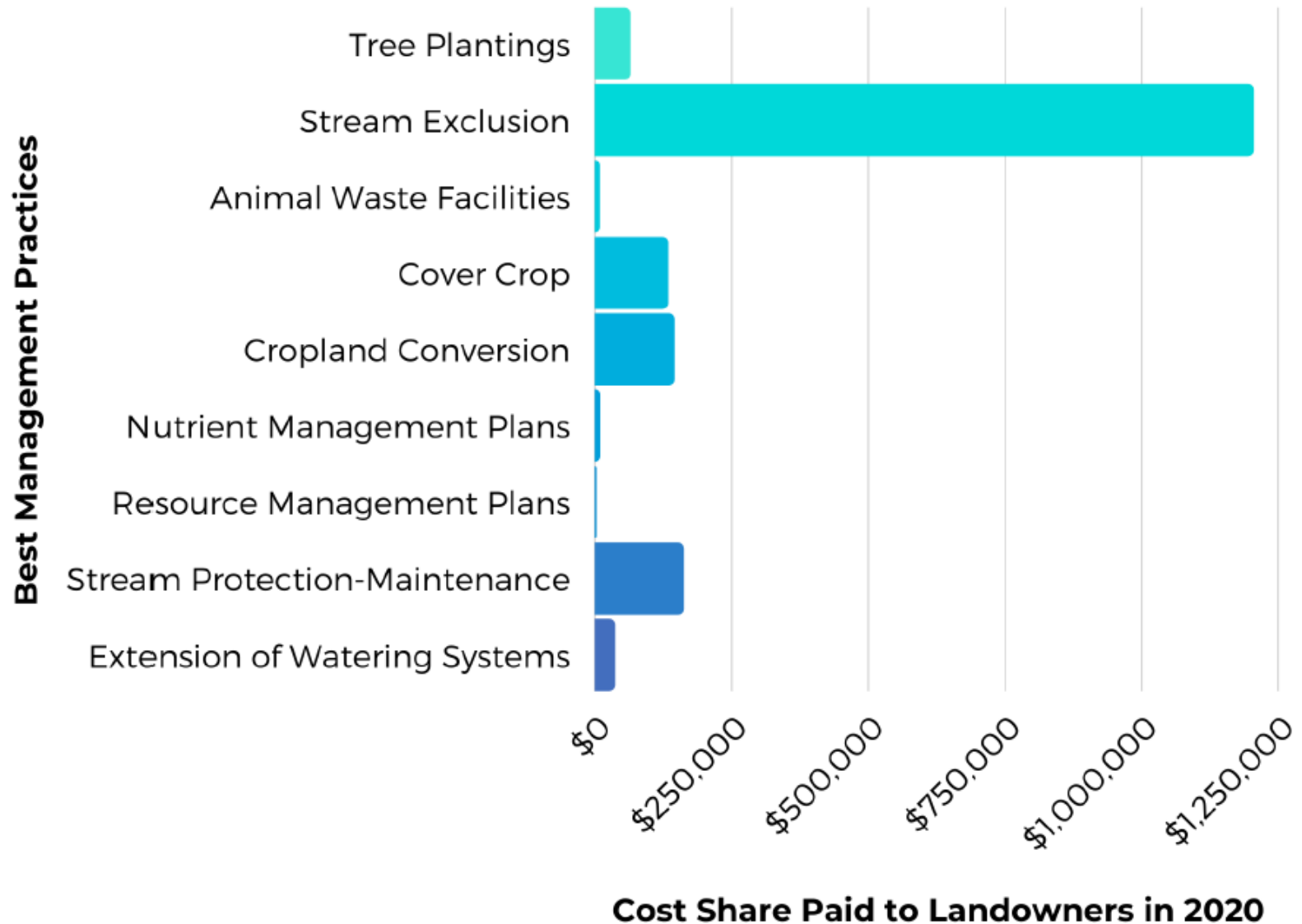
AGRICULTURAL COST SHARE PROGRAM

NEW Practice Highlights

- 4 new maintenance practices now available for stream fencing and watering systems
- Acreage payments for land taken out of grazing
- Stream fencing options from 10'—50' with variable payments based on the setback from the stream
- Increase Life Span – Up to 15 Years

voluntary Water Quality Protection

Agriculture Program Cost Share Analysis



voluntary Water Quality Protection

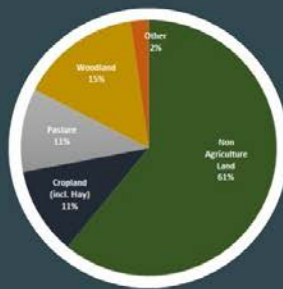
Agriculture in Albemarle County

Source: 2017 USDA Census of Agriculture

There are 913 farms in Albemarle County and 94% are family farms.

*Family farms are defined as any farm organized as a sole proprietorship, partnership, or family corporation.

Land in Farms by Use and Non-Ag Land

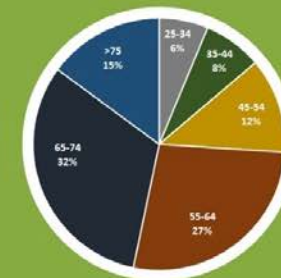


39% or 182,781 acres of land in Albemarle County is in farm.

Demographics of Producers

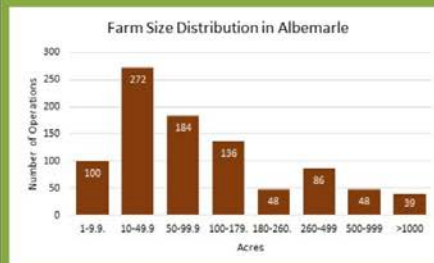


Producer Sex



Producer Age

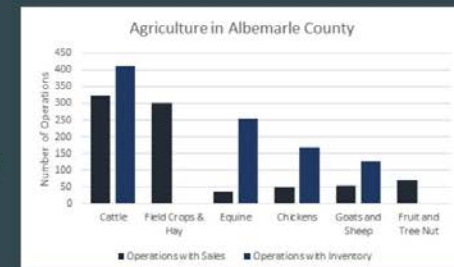
Size of Farms in Albemarle County

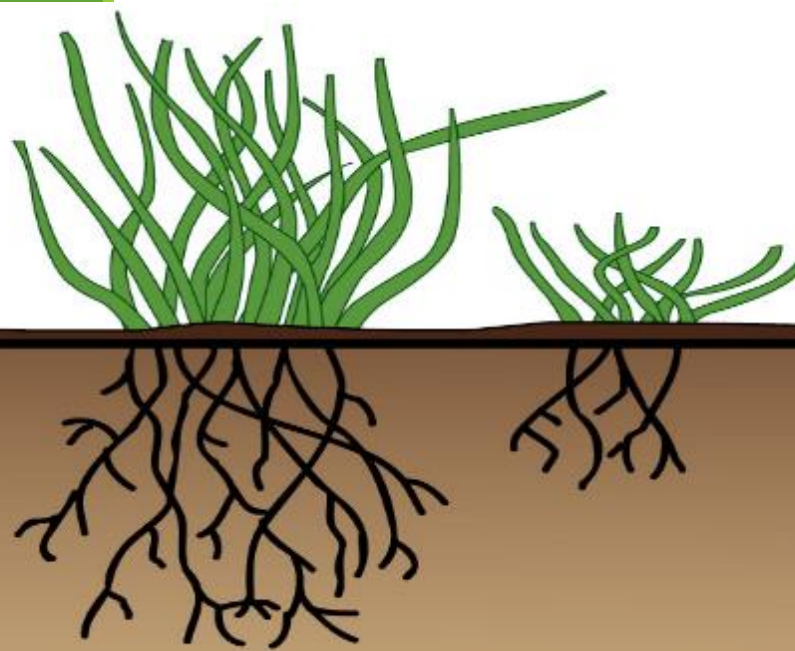


59% of farm operations are greater than 50 acres. The average farm size is 200 acres.

Top Agriculture Operations

Cattle has the greatest number of operations in Albemarle County based on sales and inventory.



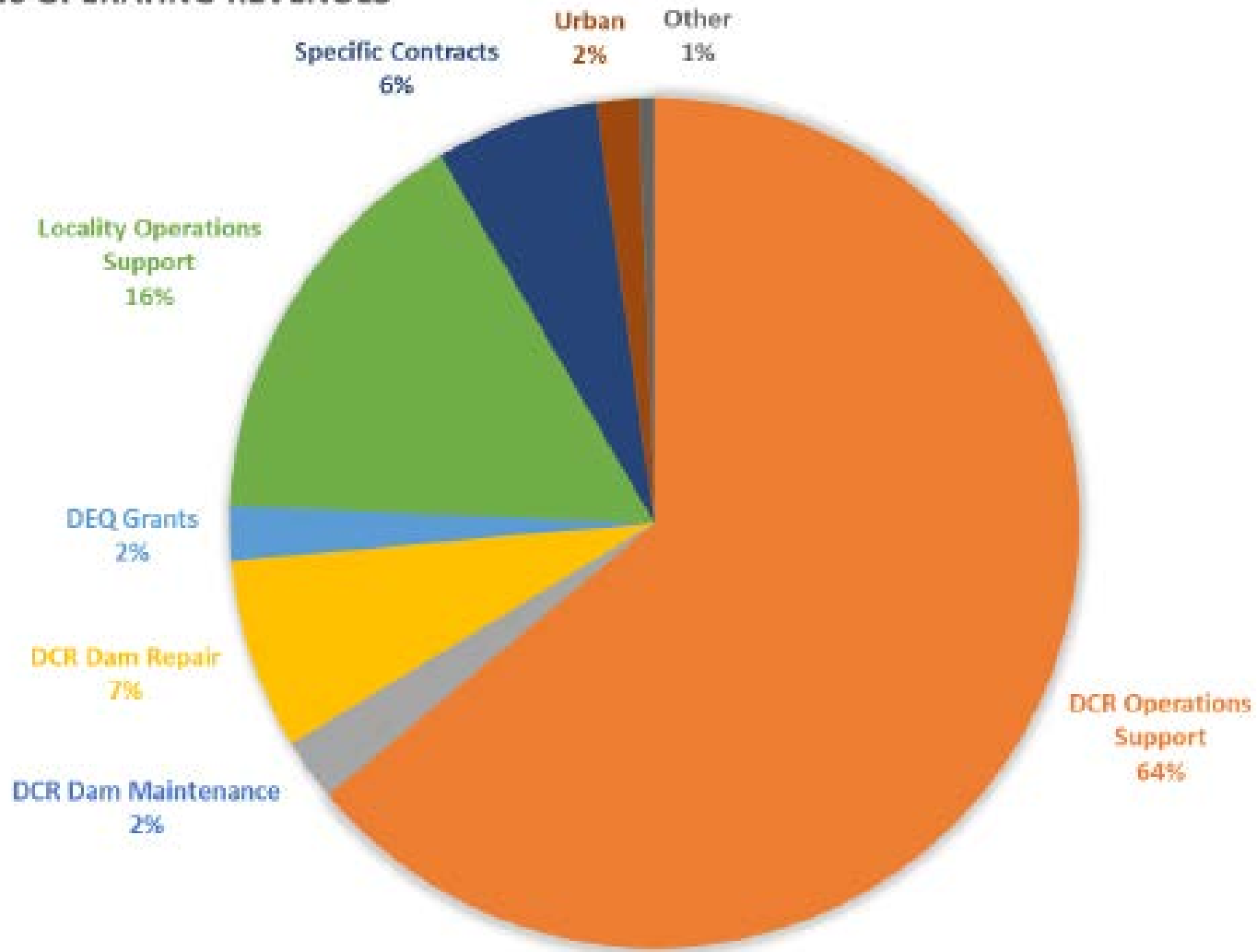


Take
Half /
Leave
Half

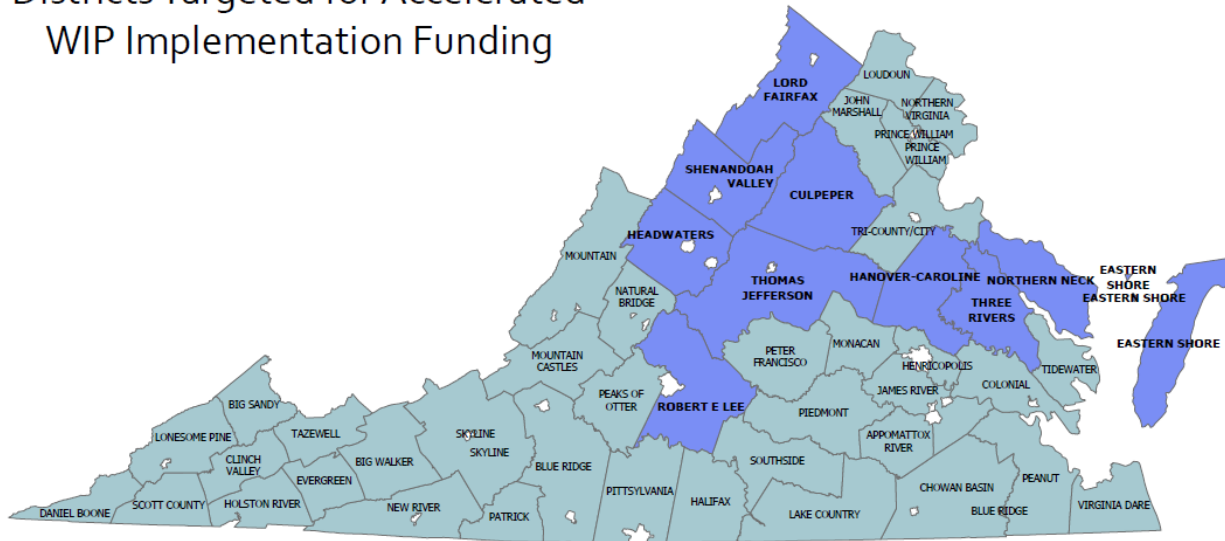
Percent leaf volume removed	Percent root growth stopped
10%	0%
20%	0%
30%	0%
40%	0%
50%	2-4%
60%	50%
70%	78%
80%	100%
90%	100%

TJSWCD Funding Support

FY20 OPERATING REVENUES



Districts Targeted for Accelerated WIP Implementation Funding



CULPEPER SWCD:
Culpeper Co.
Greene Co.
Madison Co.
Orange Co.
Rappahannock Co.

EASTERN SHORE SWCD:
Accomack Co.
Northampton Co.

HANOVER-CAROLINE SWCD:
Hanover Co.
Caroline Co.

HEADWATERS SWCD:
Augusta Co.
City of Staunton
City of Waynesboro

LORD FAIRFAX SWCD:
Clarke Co.
Frederick Co.
Shenandoah Co.
Warren Co.
City of Winchester

NORTHERN NECK SWCD:
Lancaster Co.
Northumberland Co.
Richmond Co.
Westmoreland Co.

ROBERT E. LEE SWCD:
Amherst Co.
Appomattox Co.
Campbell Co.
City of Lynchburg

SHENANDOAH VALLEY SWCD:
City of Harrisonburg
Page Co.
Rockingham Co.

THOMAS JEFFERSON SWCD:
Albemarle Co.
City of Charlottesville
Fluvanna Co.
Louisa Co.
Nelson Co.

THREE RIVERS SWCD:
Essex Co.
King & Queen Co.
King William Co.

Watershed Implementation Plans (WIP III) 2019 - 2025

Reduce Nitrogen and Phosphorous

This is the year for cost-share.

Virginia is offering:

- Record funding.
- More flexibility.
- Increased cap for every producer...

Apply now at your local
Soil and Water Conservation District.



voluntary Water Quality Protection

Your Local Partner in Conservation

