





Virginia's Agricultural BMP Loan Program & AgBMP Success Stories

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DEQ AgBMP Loan Program Basics

- Direct lending to agricultural producers to implement VACS and NRCS water quality agricultural best management practices
- 0% interest for up to 10 years dependent on lifespan of practices and useful life (No Till Drill up to 7 years)
- Cost-share, financial assistance and other grant funds go directly to pay down the principal



DEQ AgBMP Loan Program Basics

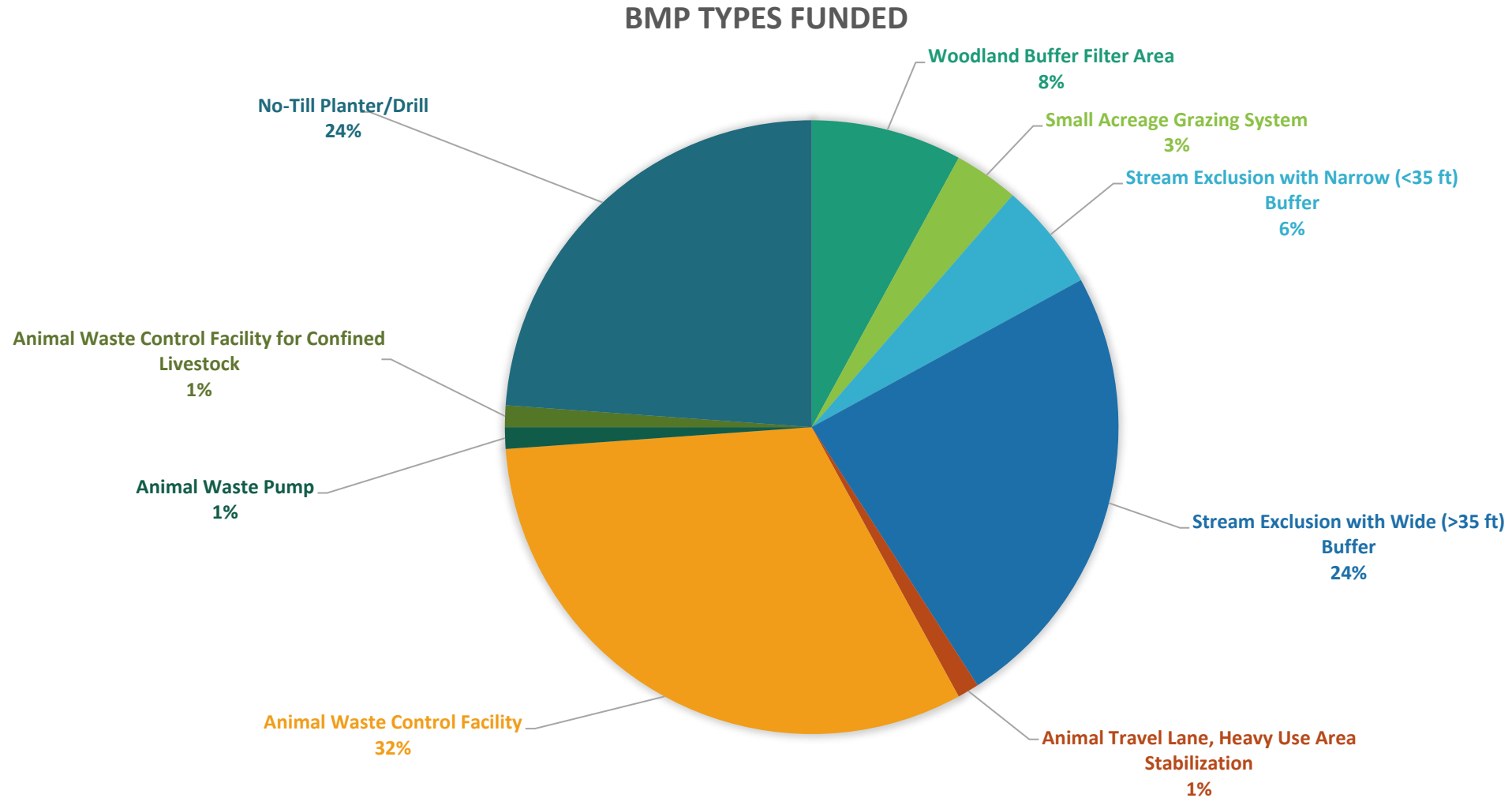
- DEQ
 - Evaluates and authorizes projects
 - Provides “boots on the ground”
 - Work directly with farmers (loan applicants/recipients), SWCD, and NRCS
- Virginia Resources Authority
 - Conduct credit reviews
 - Underwrite loans
 - Disbursements during construction
 - Collection of payments



AgBMP Loan Program- Projects since July 1, 2019

- 203 total applications
 - \$12.87M in 88 loans closed (50 completed projects)
 - \$2.1 M in principal forgiveness given
 - 69 structural practice loans
 - 19 no till drill loans
 - 55 VACS
 - 6- DuPont Mercury Settlement
 - 33 Federal \$ (CREP/EQIP)
 - 14 co-funded with VACS
 - \$3.8M in cost-share repayments

AgBMP Loan Program- Projects since July 1, 2019





Garber Farms, Inc.- Stream Exclusion and Grazing Land Management with Riparian Buffers

Project Details

- Approx. 375 acre farm
 - Approx. 77 acres of riparian buffers both herbaceous and forested
- 2 alternative watering systems with approx. 2.2 miles of pipeline and 11 troughs
- Approx. 4.3 miles of exclusion fence
- Approx. 5.1 miles of streambank excluded



Garber Farms, Inc.- Stream Exclusion and Grazing Land Management with Riparian Buffers

Project Details

- Reduced Annually
 - Approx. 3,481 lbs of Total P
 - 9,713 lbs of Total N
 - 1,056 tons of TSS
- Total project cost of \$229,412.20
 - Approx. \$66/lb of P
 - \$24/lb of N
 - \$217/ton of TSS
- Great example of funding and conservation partnerships!



Garber Farms, Inc.- Stream Exclusion and Grazing Land Management with Riparian Buffers

BEFORE



AFTER



Spring Valley Dairy- Animal Waste Control Facility

Project Details

- Approx. 160 Animal Units
- Bedded Pack Facility with manure collection and dry stack
- Exclusion fencing and watering trough
- Livestock walkway
- Covered manure collection area and manure pumping infrastructure



Spring Valley Dairy- Animal Waste Control Facility

Project Details

Approximate Annual Reductions:

- Manure (NRCS): 1,000,000lbs
- N (NRCS): 7,000lbs
- P (NRCS): 2,900lbs
- Fecal Coliform (lbs X cfu/lb manure) (DEQ):
2.13x 10¹⁴ cfu
- Total project cost of \$590,271.91
 - \$411,200 (NRCS) and \$179,071.91 (DEQ PF)
 - Approx. \$203/lb of P
\$84/lb of N
\$0.59/lb of Manure



Spring Valley Dairy- Animal Waste Control Facility

BEFORE



AFTER



Questions?

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