

Nutrient Management

Protect water quality while maximizing production and reducing nutrient runoff, therefore increasing efficiency and saving on costs.

Nutrient Management Plan Writing and Revisions, NM-1

- *Creation of a Nutrient Management Plan written by a private certified planner
- *\$2-\$4/acre per year incentive payment

Precision Nutrient Management on Cropland, NM-5N/P

- *Variable rates of nutrient application based on soil test
- *75% cost-share, maximum of \$8/acre

Natural Resource Planning Services

Grazing Plan Assistance

Receive assistance with the design of a prescribed grazing plan for better forage utilization and healthier pastures. Free of charge.

Conservation Planning Assistance

Receive assistance with farm-wide conservation planning. Free of charge.

Resource Management Planning Program

A certification that helps producers meet future state standards associated with nutrient, sediment, and water quality. Certification is valid for 9 years provided the producer continues to implement the plan. Participation is voluntary.

Program Details

- *Participation in the Virginia Best Management Practice Cost-share Program is voluntary
- *Interested clients must follow an application and approval process
- *Sign-up period is July 1 - August 11, 2017
- *Contact the Piedmont Soil and Water Conservation District staff (information below) if you would like to apply

Contact Information

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Stephen Reames, Equipment Manager

(804) 393-0246 — no-till drill rental

Acknowledgements

The Virginia Best Management Practice Cost-share Program is administered by the Virginia Department of Conservation and Recreation through local soil and water conservation districts. The program offers cost-share and tax credit incentives for the voluntary installation of BMPs to meet Virginia's non-point source pollution water quality objectives.



BEST MANAGEMENT PRACTICES FOR VIRGINIA AGRICULTURE

2017—2018



Piedmont Soil & Water Conservation District

Serving
Amelia, Nottoway, and Prince Edward
Counties

100-B Dominion Dr. Farmville, VA 23901

(434) 392-3782 ext. 5

Why install Best Management Practices?



Better soil quality

Planting cover crops adds organic matter:

- *Raises the water- and nutrient- holding capacity of the soil
- *Natural defense against soil compaction and erosion



More efficient use of nutrients

- *Cover crops store excess nitrogen for next season's planting
- *Receive guidance on the optimum amount of fertilizer for your crop so you don't waste money on fertilizer you don't need.



Improve water quality

- *Reduce excess sediment, bacteria, and nutrients that would otherwise run off into streams
- *Agronomic and livestock BMPs available

Cover Crops

Reduce soil erosion and maintain/increase nutrients and soil moisture for future crops

Cover for Specialty Cropland, SL-8 (Tobacco and Vegetables)

- *Establish cover on tobacco land after harvest
- *\$30/acre incentive payment

Small Grain Cover Crop for Nutrient and Residue Management, SL-8B

- *Establish cover on cropland
- *Planted before October 10th: \$40/acre
- *Planted before November 1st: \$15/acre
- *Bonus for planting approved rye: \$8/acre

Harvestable Cover Crop, SL-8H

- *Establish cover on cropland
- *Cover may be harvested for hay, silage, or grain
- *\$20/acre incentive payment
- *Must be planted before October 10th

Legume Cover Crop, WQ-4

- *Establish cover on cropland to fix nitrogen into the soil and reduce the amount of nitrogen applied to the following grain crop
- *\$30/acre incentive payment
- *Must be planted before October 26th

No-Till Drill Rental

Increases seed germination and reduces soil erosion and soil moisture evaporation.

Rental Details:

- *For all small grain seedlings, solid stand beans, alfalfa, clovers, and grasses
- *Haybuster 107 (10') and Haybuster 77 (7')
- *\$120 flat fee for 10 acres or less
- *\$12/acre for 10.1 acres and above
- *Free delivery and pickup within Amelia, Nottoway, and Prince Edward Counties

Water Quality Improvement

Practices simultaneously improve water quality, livestock health, and pasture efficiency

Grazing Land Protection, SL-6

- *Fence livestock out of waterways with 35' buffer
- *Create stream crossings for livestock distribution
 - *Install an alternative watering system
- *Build cross fencing for better rotational grazing
 - *80% cost-share payment of the estimated or actual cost, whichever is less

Livestock Exclusion with Reduced Setback, LE-2

- *Permanently fence livestock out of waterways
- *Fence to be placed at least 10 feet from stream
 - *Install an alternative watering system
 - *50% cost-share payment of the estimated or actual cost, whichever is less

Permanent Cover on Cropland

Reduce soil erosion and improve water quality over many years

Long-term Vegetative Cover on Cropland, SL-1

- *\$25/acre incentive payment
- *Additional \$10/acre per year for the lifespan above 5 years
- *75% cost-share payment on eligible costs

Aforestation of Erodible Crop & Pastureland, FR-1

- *\$25/acre incentive payment for 10 years
- *Or \$50/acre incentive payment for 15 years
- *75% cost-share payment on eligible costs