

## References: Filter Strips

### Peer Review

- Bhattarai, R., P.K. Kalita, and M.K. Patel. 2009. Nutrient transport through a Vegetative Filter Strip with subsurface drainage. *Journal of Environmental Management* 90: 1868-1876.
- Blanco-Canqui, H., C.J. Gantzer, S.H. Anderson, E.E. Alberts, and A.L. Thompson. 2004. Grass Barrier and Vegetative Filter Strip Effectiveness in Reducing Runoff, Sediment, Nitrogen, and Phosphorus Loss. *Soil Science Society of America Journal* 68: 1670-1678.
- Dillaha, T.A., R.B. Reneau, S. Mostaghimi, D. Lee. 1989. Vegetative Filter Strips for Agricultural Nonpoint Source Pollution Control. *American Society of Agricultural Engineers* 32(2): 513-519.
- Dosskey, M.G., M.J. Helmers, and D.E. Eisenhauer. 2011. A design aid for sizing filter strips using buffer area ratio. *Journal of Soil and Water Conservation* 66(1): 29-39.
- Douglas-Mankin, K.R. and C.G. Okoren. 2011. Field assessment of bacteria and nutrient removal by vegetative filter strips. *Int J Agric & Biol Eng* 4(2): 43-49.
- Munoz-Carpena, R. and J.E. Parsons. 2004. A Design Procedure for Vegetative Filter Strips Using VFSSMOD-W. *Transactions of the American Society of Agricultural and Biological Engineers* 47(6): 1933-1941.
- Rahman, A., S. Rahman, and L. Cihacek. 2012. Efficacy of vegetative filter strips (VFS) installed at the edge of feedlot to minimize solids and nutrients from runoff. *Agric Eng Int: CIGR Journal* 14(4): 9-21.

### USDA Standards

USDA, NRCS. 2008. Conservation Practice Standard 393, Filter Strip.

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs143\\_014868.pdf](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_014868.pdf)

## **Reports**

Davis, S. 2004. Ohio Lake Erie Buffer Initiative. Final Report, The Lake Erie Buffer Team.

<http://lakeerie.ohio.gov/Portals/0/Closed%20Grants/large%20grants/lep99-02.pdf>

Helmets, M.J., T. Isenhardt, M. Dosskey, S. Dabney, and J. Strock. 2006. Buffers and Vegetative Filter Strips. Final Report, Iowa State University.

Wenger, S. 1999. A Review of the Scientific Literature on Riparian Buffer Width, Extent and Vegetation. University of Georgia Institute of Ecology.

## **Factsheets**

Eck, K.J. 2000. Vegetative Filter Strips for Improved Water Quality. Purdue University Cooperative Extension Service. Agronomy Guide: Soils (Tillage).

Leeds, R., L.C. Brown, M.R. Sulc, and L. VanLieshout. 2013. Vegetative Filter Strips: Application, Installation and Maintenance. Ohio State University Extension: Food, Agricultural and Biological Engineering.

Snyder, F.L. 2005. Case Study: Buffer Strips Improve Lake Erie Water Quality. Ohio Sea Grant College Program.

USDA, NRCS. 2000. Filter Strips: Conservation Reserve Enhancement Program: CREP-CP21. NRCS, Michigan.

## **Technical Notes**

Geza, M., B.J. Barfield, R.L. Huhnke, A. Stoecker, D.E. Storm, and E.W. Stevens. 2009.

Comparison of Targeted Replacement and Vegetative Filter Strips for Sediment Control and Cost Effectiveness. *Journal of Water Resources Planning and Management* 135(5): 406-409.