



## Better Barnyard Management

**COUNTY EDUCATOR:** Jerry Martin

**PROJECT AND OBJECTIVES:**

The primary purpose of this project is to identify management practices on farms that contaminate water quality. The data collection method is a walk-around observation of the barnyard by the producer and agent. The video clips explain how the evaluation takes place and how it benefits the farmer, extension, other agencies, and the environment. You can create a similar walk-around observation evaluation for other physical environments on a farm, a child-care facility, restaurant or tree-lined street. You can also create a walk-around observation evaluation for youth events that focus on food safety or cooking as done in Snyder County.

You will need Windows Media Player to view these videos. If you do not have this program on your computer, please click <http://www.microsoft.com/windows/windowsmedia/download>



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Introduction



2

Poorly Managed Barnyards



3

Environmental Considerations



4

Evaluate: Is It a Problem or Not?



5

Conclusion

The walk-around observation tool in this project has many good measurement ideas. The tool, Worksheet #4: Barnyard Conditions and Management can be found at <http://cropsoil.psu.edu/Extension/FAS/FAShomepage.htm> and to order, see below.

### **OTHER RESOURCES using OBSERVATION in PA:**

Tipsheet #37: [Observation: an Underused Method to Collect Data](#)

Tipsheet # 61: [Using Observation to Evaluate Skills](#)

Sischo, W. M., N. E. Kiernan, C. M. Burns and L. I. Byler. 1997. "Implementing a Quality Assurance Program Using a Risk Assessment Tool on Dairy Operations." *Journal of Dairy Science* 80:777-787.

Landsittel, D. P., D. J. Murphy, N. E. Kiernan, and D. L. Hard. 2001. "Evaluation of the Effectiveness of Educational Interventions in the Pennsylvania Central Region Farm Safety Pilot Project." *American Journal of Industrial Medicine* 40:145-152.

### **VIDEO PRODUCTION:**

In cooperation by Penn State, College of Agricultural Sciences and the Pennsylvania State Conservation Commission. Produced and directed by Steve Williams and Norm Conrad.

### **ORDER COMPLETE VIDEO:**

Please contact Laurie Yearick at 814-865-1199 or [lah1@psu.edu](mailto:lah1@psu.edu)

### **ORDER OBSERVATION TOOL:**

Request Pennsylvania Farm\*A\*Syst: Worksheet 4, Barnyard Conditions [UC138] from Agricultural Publications Distribution, 112 Ag Admin. Bldg., University Park, PA 16802 or phone (814) 865 6713 or fax (814)863 5560.

**For further information about the evaluation, please contact Laurie Yearick ([lah1@psu.edu](mailto:lah1@psu.edu)). This Web site is copyrighted by the Pennsylvania State University. The information may be used for educational purposes but not sold for profit.**