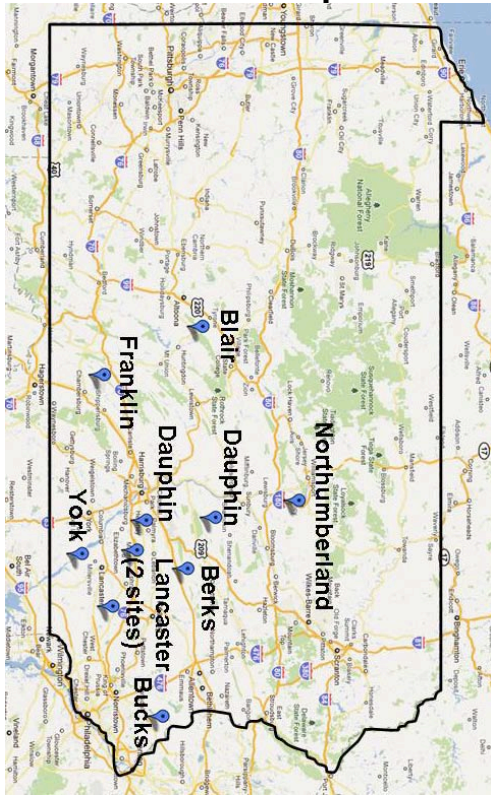


Location of Cover Crop Demonstrations



For more information and to see pictures of the cover crops, go on-line:

<http://extension.psu.edu/cover-crops>

Visit us on the Web at [countyname].extension.psu.edu

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2011 Fall Cover Crop Walks Near You

Tues Nov 8, 10am-noon

Blair County

Penn England Farm
10341 Fox Run Rd., Williamsburg
Contact Ron Hoover – 814-865-6672

Wed Nov 9, 9:30-noon

Dauphin County

Stoneylawn Farm
1597 Colebrook Rd., Middletown
Contact Jeff Graybill – 717-394-6851

Mon Nov 14, 10am-noon

Dauphin County

Mervin Petersheim Farm
153 Schoolhouse Lane, Spring Glen
Contact Paul Craig 717-921-8803/7870

Tues Nov 15, 10am-noon

Franklin County

David Hufcut Farm
2490 St. Thomas-Edenville Rd
Chambersburg
Contact Jennifer Bratthauer – 717-263-9226

Fri Nov 18, 10am-noon

York County

Dave Druck Farm, Rt 425, ½ mi W of Airville
Contact John Rowehl 717-840-7408

Mon Nov 21, 10am-noon

Bucks County

Delaware Valley College,
700 E. Butler Ave, Doylestown
Contact Andrew Frankenfield – 610-489-4315

Mon Nov 21, 10am-noon

Lebanon County

Randy Zeigler Farm
79 Wildflower Lane, Fredericksburg
Contact Del Voight – 717-270-4391

Tue Nov 22, 10am-noon

Northumberland County

Gary Truckenmiller Farm
Near intersection of Eight Street Rd & Vincent Ave W of
Watsontown
Contact Dave Hartman – 570-784-6660 ext. 12

Penn State EXTENSION

AGRICULTURE | COMMUNITY & FAMILY | ENVIRONMENT

Cover Crop Mixtures for Supplemental Forage Erosion Control Soil Improvement Nutrient Cycling



Fall 2011 Field Days
November

Penn State EXTENSION

Crop Management Team

Purpose of cover crop demonstrations

Cover crops can help improve soil quality, save manure nitrogen or fix nitrogen for the following crop, supply rescue forage and can lead to improved ground- and surface water quality. Considering the interest in cover crops by farmers, the general public, and others, the Crop Management Team at Penn State Cooperative Extension established cover crop trials on dairy farms across Pennsylvania since 2009. We will review results from the first year and you have the opportunity to experience the performance of the cover crops this fall and interact with peers and specialists during these events to learn more about cover crops and their potentials. We focus on mixtures because of the way species complement each other to meet producer goals and reduce risks of failure of any particular species.

Cover crop mixtures demonstrated:

Crimson clover + annual ryegrass
Crimson clover + triticale
Crimson clover + forage oat
Annual ryegrass + forage oat
Cereal rye + forage oat
Cereal rye + grain oat
Tillage radish + hairy vetch + cereal rye
Cereal rye alone (as comparison)

Planting dates:

After corn silage harvest in second half of September/beginning of October

Crimson Clover and Annual Ryegrass

- Low cost
 - Slow fall growth
 - Fast spring growth
 - Nitrogen fixation
 - Heavy root mass
 - Excellent forage in spring
-

Crimson Clover and Triticale

- Vigorous spring growth
 - Excellent winterhardness of triticale
 - Nutrient retention and uptake
 - Nitrogen fixation
 - Excellent forage in spring, high tonnage
-

Crimson Clover and Forage Oat

- Fast fall growth
 - Oat dies – only clover left in spring
 - Nutrient retention and uptake in fall
 - Nitrogen fixation, esp in spring
 - Nitrogen for following crop
-

Annual Ryegrass and Forage Oat

- Excellent nitrogen retention in fall
 - Fast growing in fall and spring
 - Fibrous roots for compaction alleviation
 - Grazing/harvest in fall and spring possible
 - Nutrient uptake in fall and spring
-

Cereal Rye and Oat

- Maximize fall and spring growth
 - Good fall cover and winter survival (rye)
 - High nutrient uptake in fall and spring
 - Potential for fall (forage oat) and spring forage harvests
-

Radish, Vetch and Rye

- Enhanced biodiversity
 - Excellent winterhardness of rye
 - Heavy nitrogen feeder in fall
 - Nitrogen fixation in spring
 - Potential for grazing in fall
 - Forage harvest possible in spring
-

