

77° 53' 26" W




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Farmland Classification—Centre County, Pennsylvania
(Student Farm Site)









MAP LEGEND








Area of Interest (AOI)

-  Area of Interest (AOI)




Soils








Soil Rating Polygons






-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available







Soil Rating Lines










-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained

-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Soil Rating Points

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Water Features

MAP INFORMATION



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Centre County, Pennsylvania

Survey Area Data: Version 8, Dec 16, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 18, 2010—Oct 17, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Farmland Classification— Summary by Map Unit — Centre County, Pennsylvania (PA027)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ch	Chagrin soils	All areas are prime farmland	3.7	0.4%
HaA	Hagerstown silt loam, 0 to 3 percent slopes	All areas are prime farmland	94.7	11.2%
HaB	Hagerstown silt loam, 3 to 8 percent slopes	All areas are prime farmland	222.3	26.4%
HaC	Hagerstown silt loam, 8 to 15 percent slopes	Farmland of statewide importance	46.1	5.5%
HcB	Hagerstown silty clay loam, 3 to 8 percent slopes	All areas are prime farmland	202.9	24.1%
HcC	Hagerstown silty clay loam, 8 to 15 percent slopes	Farmland of statewide importance	24.3	2.9%
HcD	Hagerstown silty clay loam, 15 to 25 percent slopes	Not prime farmland	10.1	1.2%
HuC	Hublersburg silt loam, 8 to 15 percent slopes	Farmland of statewide importance	40.5	4.8%
HuD	Hublersburg silt loam, 15 to 25 percent slopes	Not prime farmland	5.8	0.7%
MrB	Morrison sandy loam, 2 to 8 percent slopes	All areas are prime farmland	1.0	0.1%
MrC	Morrison sandy loam, 8 to 15 percent slopes	Farmland of statewide importance	4.3	0.5%
MrD	Morrison sandy loam, 15 to 25 percent slopes	Not prime farmland	5.5	0.7%
MsD	Morrison very stony sandy loam, 8 to 25 percent slopes	Not prime farmland	3.5	0.4%
MuC	Murrill channery silt loam, 8 to 15 percent slopes	Farmland of statewide importance	3.9	0.5%
No	Nolin silt loam, local alluvium, 0 to 5 percent slopes	All areas are prime farmland	25.8	3.1%
OhB	Opequon-Hagerstown complex, 3 to 8 percent slopes	Farmland of statewide importance	26.1	3.1%
OhC	Opequon-Hagerstown complex, 8 to 15 percent slopes	Farmland of statewide importance	14.0	1.7%
OhD	Opequon-Hagerstown complex, 15 to 25 percent slopes	Not prime farmland	2.7	0.3%

Farmland Classification— Summary by Map Unit — Centre County, Pennsylvania (PA027)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
ORF	Opequon-Hagerstown complex, steep	Not prime farmland	7.1	0.8%
OxB	Opequon-Rock outcrop complex, 0 to 8 percent slopes	Not prime farmland	48.1	5.7%
OxD	Opequon-Rock outcrop complex, 8 to 25 percent slopes	Not prime farmland	31.3	3.7%
URB	Urban land-Hagerstown complex, gently sloping	Not prime farmland	19.2	2.3%
Totals for Area of Interest			842.9	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower