

## Prime and other Important Farmlands

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

*Prime farmland* is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland.

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil quality, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. The water supply is dependable and of adequate quality. Prime farmland is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

For some of the soils identified in the table as prime farmland, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures.

A recent trend in land use in some areas has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.

*Unique farmland* is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies.

Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be *farmland of local importance* for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

## Report—Prime and other Important Farmlands

Prime and other Important Farmlands—Montgomery County, Ohio		
Map Symbol	Map Unit Name	Farmland Classification
Ag	Algiers silt loam	Prime farmland if drained
Bo	Borrow pits	Not prime farmland
Bp	Brookston silt loam	Prime farmland if drained
Br	Brookston silt loam, overwash	Prime farmland if drained
Bs	Brookston silty clay loam, fine texture, 0 to 2 percent slopes	Prime farmland if drained
Bu	Brookston-Urban land complex	Not prime farmland
Ca	Carlisle muck	Not prime farmland
CeA	Celina silt loam, 0 to 2 percent slopes	All areas are prime farmland
CeB	Celina silt loam, 2 to 6 percent slopes	All areas are prime farmland
CeB2	Celina silt loam, 2 to 6 percent slopes, moderately eroded	All areas are prime farmland
CIB	Celina bouldery silt loam, 2 to 6 percent slopes	All areas are prime farmland
CoA	Corwin silt loam, 0 to 2 percent slopes	All areas are prime farmland
CoB	Corwin silt loam, 2 to 6 percent slopes	All areas are prime farmland
CpB	Crosby-Celina silt loams, 2 to 4 percent slopes	Prime farmland if drained
CsA	Crosby silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	Prime farmland if drained
CtA	Crosby-Celina silt loams, 0 to 2 percent slopes	Prime farmland if drained
CtB	Crosby-Celina silt loams, 2 to 6 percent slopes	Prime farmland if drained
Cu	Crosby-Urban land complex	Not prime farmland
CvA	Crosby-Lewisburg silt loams, 0 to 2 percent slopes	Prime farmland if drained
DaB	Dana silt loam, 2 to 6 percent slopes	All areas are prime farmland
EeA	Eel silt loam, gravelly substratum, 0 to 1 percent slopes, occasionally flooded	All areas are prime farmland
EmA	Eldean silt loam, 0 to 2 percent slopes	All areas are prime farmland

Prime and other Important Farmlands--Montgomery County, Ohio		
Map Symbol	Map Unit Name	Farmland Classification
EmB	Eldean silt loam, 2 to 6 percent slopes	All areas are prime farmland
FaE2	Fairmount silty clay loam, 12 to 25 percent slopes, moderately eroded	Not prime farmland
FaF2	Fairmount silty clay loam, 25 to 50 percent slopes, moderately eroded	Not prime farmland
FcA	Fincastle silt loam, 0 to 4 percent slopes	Prime farmland if drained
FkA	Fox sandy loam, 0 to 2 percent slopes	All areas are prime farmland
FkB	Fox sandy loam, 2 to 6 percent slopes	All areas are prime farmland
FIA	Fox loam, 0 to 2 percent slopes	All areas are prime farmland
FIB	Fox loam, 2 to 6 percent slopes	All areas are prime farmland
FIC2	Fox loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
FmA	Fox silt loam, 0 to 2 percent slopes	All areas are prime farmland
FmB	Fox silt loam, 2 to 6 percent slopes	All areas are prime farmland
FmC2	Fox silt loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
FmD2	Fox silt loam, 12 to 18 percent slopes, moderately eroded	Not prime farmland
FnA	Fox silt loam, till substratum, 0 to 2 percent slopes	All areas are prime farmland
FsC3	Fox soils, 6 to 12 percent slopes, severely eroded	Not prime farmland
FuB	Fox-Urban land complex, gently sloping	Not prime farmland
FuC	Fox-Urban land complex, rolling	Not prime farmland
FuF	Fox-Urban land complex, steep	Not prime farmland
Gp	Gravel pits	Not prime farmland
HeE2	Hennepin and Miamian silt loams, 18 to 25 percent slopes, moderately eroded	Not prime farmland
HeF2	Hennepin and Miamian silt loams, 25 to 50 percent slopes, moderately eroded	Not prime farmland
HmF3	Hennepin and Miamian soils, 18 to 50 percent slopes, severely eroded	Not prime farmland
KeA	Kendallville silt loam, 0 to 2 percent slopes	All areas are prime farmland
KeB	Kendallville silt loam, 2 to 6 percent slopes	All areas are prime farmland
KeC2	Kendallville silt loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
KfD2	Kendallville-Eldean silt loams, 12 to 18 percent slopes, eroded	Not prime farmland
KoA	Kokomo silty clay loam, 0 to 1 percent slopes	Prime farmland if drained
Ld	Landes sandy loam	All areas are prime farmland
LfB	Lewisburg-Celina silt loams, 2 to 6 percent slopes	All areas are prime farmland
Lg	Lanier sandy loam	All areas are prime farmland
LsB	Lewisburg silt loam, 2 to 6 percent slopes	All areas are prime farmland
LxC2	Lorenzo-Rodman complex, 4 to 12 percent slopes, moderately eroded	Not prime farmland
LxD2	Lorenzo-Rodman complex, 12 to 18 percent slopes, moderately eroded	Not prime farmland

Prime and other Important Farmlands--Montgomery County, Ohio		
Map Symbol	Map Unit Name	Farmland Classification
Mb	Made land	Not prime farmland
Md	Medway silt loam	All areas are prime farmland
MfB	Miamian-Celina silt loams, 2 to 6 percent slopes	All areas are prime farmland
MfB2	Miamian-Celina silt loams, 2 to 6 percent slopes, eroded	All areas are prime farmland
MgF2	Miamian-Kendallville silt loams, 25 to 50 percent slopes, eroded	Not prime farmland
MhC3	Miamian-Losantville clay loams, 6 to 12 percent slopes, severely eroded	Not prime farmland
MhD3	Miamian-Losantville clay loams, 12 to 18 percent slopes, severely eroded	Not prime farmland
MIA	Miamian silt loam, 0 to 2 percent slopes	All areas are prime farmland
MIB	Miamian silt loam, 2 to 6 percent slopes	All areas are prime farmland
MIB2	Miamian silt loam, 2 to 6 percent slopes, eroded	All areas are prime farmland
MIC2	Miamian silt loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
MID2	Miamian silt loam, 12 to 18 percent slopes, moderately eroded	Not prime farmland
MmB	Miamian bouldery silt loam, 2 to 6 percent slopes	Not prime farmland
MnB3	Miamian clay loam, 2 to 6 percent slopes, severely eroded	Not prime farmland
MnC3	Miamian clay loam, 6 to 12 percent slopes, severely eroded	Not prime farmland
MnD3	Miamian clay loam, 12 to 18 percent slopes, severely eroded	Not prime farmland
MoB	Miamian-Urban land complex, undulating	Not prime farmland
MoC	Miamian-Urban land complex, rolling	Not prime farmland
MoE	Miamian-Urban land complex, steep	Not prime farmland
MrA	Millsdale silty clay loam, 0 to 3 percent slopes	Prime farmland if drained
MsA	Milton silt loam, 0 to 2 percent slopes	All areas are prime farmland
MsB	Milton silt loam, 2 to 6 percent slopes	All areas are prime farmland
MsB2	Milton silt loam, 2 to 6 percent slopes, moderately eroded	All areas are prime farmland
MsC2	Milton silt loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
MsD2	Milton silt loam, 12 to 18 percent slopes, moderately eroded	Not prime farmland
MtD3	Milton silty clay loam, 6 to 18 percent slopes, severely eroded	Not prime farmland
MuB	Milton-Urban land complex, undulating	Not prime farmland
MuC	Milton-Urban land complex, rolling	Not prime farmland
MuD	Milton-Urban land complex, hilly	Not prime farmland
Mv	Montgomery silty clay loam	Prime farmland if drained
MwA	Millsdale silt loam, 0 to 2 percent slopes	Prime farmland if drained
OcA	Ockley silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	All areas are prime farmland
OcB	Ockley silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes	All areas are prime farmland
PIB	Plattville silt loam, 2 to 6 percent slopes	All areas are prime farmland
PIC	Plattville silt loam, 6 to 12 percent slopes	Not prime farmland
PmB	Plattville silt loam, moderately wet, 2 to 6 percent slopes	All areas are prime farmland
PyA	Pyrmont silt loam, 0 to 2 percent slopes	Prime farmland if drained

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Map Symbol	Map Unit Name	Farmland Classification
Qu	Quarries	Not prime farmland
RaA	Rainsville silt loam, 0 to 2 percent slopes	All areas are prime farmland
RcA	Randolph silt loam, 0 to 2 percent slopes	Prime farmland if drained
ReB	Ritchey silt loam, 2 to 6 percent slopes	Not prime farmland
ReB2	Ritchey silt loam, 2 to 6 percent slopes, moderately eroded	Not prime farmland
ReC2	Ritchey silt loam, 6 to 12 percent slopes, moderately eroded	Not prime farmland
ReE2	Ritchey silt loam, 12 to 25 percent slopes, moderately eroded	Not prime farmland
ReF2	Ritchey silt loam, 25 to 50 percent slopes, moderately eroded	Not prime farmland
RfD3	Ritchey silty clay loam, 6 to 18 percent slopes, severely eroded	Not prime farmland
Rh	Riverwash	Not prime farmland
RIE2	Rodman and Fox soils, 18 to 25 percent slopes, moderately eroded	Not prime farmland
RIF2	Rodman and Fox soils, 25 to 50 percent slopes, moderately eroded	Not prime farmland
RpA	Rosburg silt loam, moderately wet, sandy substratum, 0 to 1 percent slopes, occasionally flooded	All areas are prime farmland
Rs	Ross silt loam	All areas are prime farmland
Rt	Ross-Urban land complex	Not prime farmland
RuB	Russell silt loam, 2 to 6 percent slopes	All areas are prime farmland
RvC2	Russell-Miamian silt loams, 6 to 12 percent slopes, moderately eroded	Not prime farmland
RvD2	Russell-Miamian silt loams, 12 to 18 percent slopes, moderately eroded	Not prime farmland
Sh	Shoals silt loam	Prime farmland if drained
Sn	Sloan silt loam, sandy substratum, occasionally flooded	Prime farmland if drained
So	Sloan silt loam	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
StA	Stonelick loam, gravelly substratum, 0 to 1 percent slopes, frequently flooded	Prime farmland if protected from flooding or not frequently flooded during the growing season
ThA	Thackery silt loam, till substratum, 0 to 2 percent slopes	All areas are prime farmland
TpA	Tippecanoe silt loam, 0 to 2 percent slopes	All areas are prime farmland
Ua	Urban land, alluvial	Not prime farmland
Ud	Udorthents	Not prime farmland
Ug	Urban land, gravelly material	Not prime farmland
Um	Urban land, loamy material	Not prime farmland
Un	Udorthents	Not prime farmland
W	Water	Not prime farmland
WaA	Warsaw silt loam, 0 to 2 percent slopes	All areas are prime farmland
WaB	Warsaw silt loam, 2 to 6 percent slopes	All areas are prime farmland
WeA	Wea silt loam, 0 to 2 percent slopes	All areas are prime farmland

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Map Symbol	Map Unit Name	Farmland Classification
WeB	Wea silt loam, 2 to 6 percent slopes	All areas are prime farmland
Ws	Westland silty clay loam	Prime farmland if drained
WyB2	Wynn silt loam, 2 to 6 percent slopes, moderately eroded	All areas are prime farmland
XeA	Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	All areas are prime farmland
XeB	Xenia silt loam, 2 to 6 percent slopes	All areas are prime farmland

### Data Source Information

Soil Survey Area: Montgomery County, Ohio  
 Survey Area Data: Version 13, Sep 19, 2014