

## Land Capability Classification

The land capability classification of map units in the survey area is shown in this table. This classification shows, in a general way, the suitability of soils for most kinds of field crops (United States Department of Agriculture, Soil Conservation Service, 1961). Crops that require special management are excluded. The soils are grouped according to their limitations for field crops, the risk of damage if they are used for crops, and the way they respond to management. The criteria used in grouping the soils do not include major and generally expensive landforming that would change slope, depth, or other characteristics of the soils, nor do they include possible but unlikely major reclamation projects. Capability classification is not a substitute for interpretations designed to show suitability and limitations of groups of soils for rangeland, for forestland, or for engineering purposes.

In the capability system, soils are generally grouped at three levels: capability class, subclass, and unit.

*Capability classes*, the broadest groups, are designated by the numbers 1 through 8. The numbers indicate progressively greater limitations and narrower choices for practical use. The classes are defined as follows:

- Class 1 soils have slight limitations that restrict their use.
- Class 2 soils have moderate limitations that restrict the choice of plants or that require moderate conservation practices.
- Class 3 soils have severe limitations that restrict the choice of plants or that require special conservation practices, or both.
- Class 4 soils have very severe limitations that restrict the choice of plants or that require very careful management, or both.
- Class 5 soils are subject to little or no erosion but have other limitations, impractical to remove, that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.
- Class 6 soils have severe limitations that make them generally unsuitable for cultivation and that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.
- Class 7 soils have very severe limitations that make them unsuitable for cultivation and that restrict their use mainly to grazing, forestland, or wildlife habitat.
- Class 8 soils and miscellaneous areas have limitations that preclude commercial plant production and that restrict their use to recreational purposes, wildlife habitat, watershed, or esthetic purposes.

*Capability subclasses* are soil groups within one class. They are designated by adding a small letter, *e*, *w*, *s*, or *c*, to the class numeral, for example, 2e. The letter *e* shows that the main hazard is the risk of erosion unless close-growing plant cover is maintained; *w* shows that water in or on the soil interferes with plant growth or cultivation (in some soils the wetness can be partly corrected by artificial drainage); *s* shows that the soil is limited mainly because it is shallow, droughty, or stony; and *c*, used in only some parts of the United States, shows that the chief limitation is climate that is very cold or very dry.

In class 1 there are no subclasses because the soils of this class have few limitations. Class 5 contains only the subclasses indicated by *w*, *s*, or *c* because the soils in class 5 are subject to little or no erosion.

## Report—Land Capability Classification

Land Capability Classification—Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
Ag—Algiers silt loam				
	95	Algiers	2w	—
AtB—Atlas silt loam, 2 to 6 percent slopes				
	95	Atlas	2e	—
AtB2—Atlas silt loam, 2 to 6 percent slopes, moderately eroded				
	100	Atlas	2e	—
AtC2—Atlas silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Atlas	3e	—
AtC3—Atlas silt loam, 6 to 12 percent slopes, severely eroded				
	100	Atlas	4e	—
AxA—Avonburg-Urban land complex, nearly level				
	55	Avonburg	—	—
	40	Urban land	—	—
BaD2—Bonnell silt loam, 15 to 25 percent slopes, eroded				
	85	Bonnell	6e	—
BaE—Bonnell silt loam, 25 to 40 percent slopes				
	85	Bonnell	6e	—
BbD3—Bonnell silty clay loam, 15 to 25 percent slopes, severely eroded				
	85	Bonnell	6e	—
BeC2—Beasley silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Beasley	3e	—
BeD2—Beasley silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Beasley	4e	—
BfD—Berks channery silt loam, 12 to 20 percent slopes				
	85	Berks	4e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
BgF--Berks-Muskingum channery silt loams, 18 to 35 percent slopes				
	55	Berks	6e	—
	30	Muskingum	6e	—
BgG--Berks-Muskingum channery silt loams, 35 to 50 percent slopes				
	70	Berks	7e	—
	30	Muskingum	7e	—
BhD--Berks-Muskingum-Neotoma channery silt loams, 6 to 18 percent slopes				
	45	Berks	4e	—
	25	Muskingum	3e	—
	10	Neotoma	6s	—
BhF--Berks-Muskingum-Neotoma channery silt loams, 18 to 35 percent slopes				
	55	Berks	6e	—
	20	Muskingum	6e	—
	15	Neotoma	7s	—
BhG--Berks-Muskingum-Neotoma channery silt loams, 35 to 50 percent slopes				
	65	Berks	7e	—
	15	Muskingum	7e	—
	15	Neotoma	7s	—
Bk--Blanchester silt loam				
	90	Blanchester	3w	—
Bln3A--Blanchester silty clay loam, 0 to 1 percent slopes				
	90	Blanchester	3w	—
BmC2--Boston-Bratton complex, 6 to 12 percent slopes, moderately eroded				
	60	Boston	3e	—
	25	Bratton	3e	—
BmC3--Boston-Bratton complex, 6 to 12 percent slopes, severely eroded				
	50	Boston	4e	—
	35	Bratton	4e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
BmD2—Boston-Bratton complex, 12 to 18 percent slopes, moderately eroded				
	45	Boston	4e	—
	35	Bratton	4e	—
BmD3—Boston-Bratton complex, 12 to 18 percent slopes, severely eroded				
	40	Boston	6e	—
	40	Bratton	6e	—
BmE2—Boston-Bratton complex, 18 to 25 percent slopes, moderately eroded				
	50	Boston	6e	—
	35	Bratton	6e	—
BnB—Boston-Grayford silt loams, 2 to 6 percent slopes				
	60	Boston	2e	—
	35	Grayford	2e	—
BnB2—Boston-Grayford silt loams, 2 to 6 percent slopes, moderately eroded				
	60	Boston	2e	—
	30	Grayford	2e	—
BoB—Boston-Urban land complex, gently sloping				
	50	Boston	—	—
	30	Urban land	—	—
BoC—Boston-Urban land complex, sloping				
	50	Boston	—	—
	30	Urban land	—	—
BpB—Bratton silt loam, 2 to 6 percent slopes				
	100	Bratton	2e	—
BpB2—Bratton silt loam, 2 to 6 percent slopes, moderately eroded				
	100	Bratton	2e	—
BpC2—Bratton silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Bratton	3e	—
BpD2—Bratton silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Bratton	4e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
BrD3—Bratton silty clay loam, 12 to 18 percent slopes, severely eroded				
	100	Bratton	6e	—
Bs—Brookston silt loam				
	85	Brookston	2w	—
Bt—Brookston silty clay loam, fine-silty, 0 to 2 percent slopes				
	90	Brookston	2w	—
BvB—Bratton silt loam, 2 to 8 percent slopes				
	85	Bratton	2e	—
BwC2—Bratton-Opequon complex, 8 to 15 percent slopes, eroded				
	45	Bratton	4e	—
	40	Opequon	4e	—
BxC2—Brushcreek silt loam, 6 to 12 percent slopes, eroded				
	85	Brushcreek	3e	—
ByD2—Brushcreek-Lawshe complex, 12 to 25 percent slopes, eroded				
	55	Brushcreek	6e	—
	30	Lawshe	7e	—
BzB2—Bratton silt loam, 3 to 8 percent slopes, eroded				
	90	Bratton	2e	—
CaB—Cana silt loam, 2 to 6 percent slopes				
	100	Cana	2e	—
CaB2—Cana silt loam, 2 to 6 percent slopes, moderately eroded				
	90	Cana	2e	—
CaC2—Cana silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Cana	3e	—
CaD2—Cana silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Cana	4e	—
CaF—Cana silt loam, 18 to 35 percent slopes				
	100	Cana	6e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
CcD3—Casco loam, 12 to 18 percent slopes, severely eroded				
	100	Casco	6e	—
CcF2—Casco loam, 18 to 35 percent slopes, moderately eroded				
	100	Casco	7e	—
CdB—Celina-Losantville silt loams, 2 to 6 percent slopes				
	50	Celina	2e	—
	30	Losantville	2e	—
CeB—Celina silt loam, 2 to 6 percent slopes				
	85	Celina	2e	—
CfB—Celina-Urban land complex, gently sloping				
	50	Celina	—	—
	40	Urban land	—	—
CgA—Celina-Xenia silt loams, 0 to 2 percent slopes				
	50	Celina	1	—
	40	Xenia	1	—
CgB—Celina-Xenia silt loams, 2 to 6 percent slopes				
	55	Celina	2e	—
	35	Xenia	2e	—
ChB—Cincinnati silt loam, 2 to 6 percent slopes				
	100	Cincinnati	2e	—
ChC2—Cincinnati silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Cincinnati	3e	—
ChD2—Cincinnati silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Cincinnati	4e	—
Cle1A—Clermont silt loam, 0 to 1 percent slopes				
	90	Clermont	3w	—
Cn—Clifty silt loam, occasionally flooded				
	85	Clifty	2w	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
CoD2--Colyer-Trappist complex, 12 to 18 percent slopes, moderately eroded				
	35	Colyer	6s	—
	35	Trappist	4e	—
CoF--Colyer-Trappist complex, 18 to 35 percent slopes				
	50	Colyer	7s	—
	35	Trappist	6e	—
CoG--Colyer-Trappist complex, 35 to 50 percent slopes				
	65	Colyer	7s	—
	25	Trappist	7e	—
CrA--Crosby silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes				
	90	Crosby	2w	—
CsA--Crosby-Fincastle silt loams, 0 to 2 percent slopes				
	50	Crosby	2w	—
	45	Fincastle	2w	—
CsB--Crosby-Fincastle silt loams, 2 to 6 percent slopes				
	50	Crosby	2e	—
	35	Fincastle	2e	—
CtA--Crosby-Celina silt loams, 0 to 2 percent slopes				
	70	Crosby	2w	—
	15	Celina	1	—
CuA--Crosby-Urban land complex, nearly level				
	50	Crosby	—	—
	45	Urban land	—	—
CvC2--Crouse-Miamian silt loams, 6 to 12 percent slopes, eroded				
	60	Crouse	3e	—
	30	Miamian	3e	—
DaA--Dana silt loam, 0 to 2 percent slopes				
	95	Dana	1	—
DaB--Dana silt loam, 2 to 6 percent slopes				
	95	Dana	2e	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
DAM--Dam				
	100	Dam	—	—
DuA--Dubois silt loam, 0 to 2 percent slopes				
	90	Dubois	2w	—
DuB--Dubois silt loam, 2 to 6 percent slopes				
	90	Dubois	2e	—
EaF--Eden flaggy silt loam, 40 to 70 percent slopes				
	90	Eden	7e	—
EbC2--Edenton silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Edenton	3e	—
EbD2--Edenton silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Edenton	4e	—
EbF2--Edenton silt loam, 18 to 35 percent slopes, moderately eroded				
	100	Edenton	6e	—
EcE2--Eden flaggy silty clay loam, 25 to 40 percent slopes, eroded				
	85	Eden	7e	—
Ee--Eel silt loam				
	95	Eel	2w	—
EfC2--Eldean loam, 6 to 12 percent slopes, eroded				
	85	Eldean	3e	—
EkB--Elkinsville silt loam, 1 to 6 percent slopes				
	85	Elkinsville	2e	—
FaC2--Faywood silt loam, 8 to 15 percent slopes, eroded				
	85	Faywood	3e	—
FbA--Fincastle silt loam, 0 to 2 percent slopes				
	90	Fincastle	2w	—
FbB--Fincastle silt loam, 2 to 4 percent slopes				
	90	Fincastle	2e	—
FcA--Fitchville silt loam, 0 to 2 percent slopes				
	95	Fitchville	2w	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
FcB—Fitchville silt loam, 2 to 6 percent slopes				
	95	Fitchville	2e	—
FdD2—Faywood silty clay loam, 15 to 25 percent slopes, eroded				
	85	Faywood	4e	—
FIC2—Fox loam, 6 to 12 percent slopes, moderately eroded				
	100	Fox	3e	—
FID2—Fox loam, 12 to 18 percent slopes, moderately eroded				
	100	Fox	4e	—
FnA—Fox silt loam, 0 to 2 percent slopes				
	100	Fox	2s	—
FnB—Fox silt loam, 2 to 6 percent slopes				
	95	Fox	2e	—
FoC3—Fox clay loam, 6 to 12 percent slopes, severely eroded				
	100	Fox	4e	—
FpC3—Fox and Casco soils, 6 to 12 percent slopes, severely eroded				
	50	Casco	4e	—
	50	Fox	4e	—
GaC—Gasconade silty clay loam, 6 to 12 percent slopes				
	100	Gasconade	7e	—
GaD2—Gasconade silty clay loam, 12 to 18 percent slopes, moderately eroded				
	100	Gasconade	7e	—
GbF2—Gasconade flaggy silty clay loam, 18 to 35 percent slopes, moderately eroded				
	100	Gasconade	7e	—
GbG—Gasconade flaggy silty clay loam, 35 to 50 percent slopes				
	100	Gasconade	7e	—
Gd—Gessie loam, frequently flooded				
	90	Gessie	2w	—
Ge—Gessie silt loam, occasionally flooded				
	80	Gessie	2w	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
Gn--Genesee silt loam				
	100	Genesee	2w	—
GuB--Guernsey silt loam, 2 to 6 percent slopes				
	100	Guernsey	2e	—
GuC--Guernsey silt loam, 6 to 12 percent slopes				
	100	Guernsey	3e	—
GvC3--Guernsey silty clay loam, 6 to 12 percent slopes, severely eroded				
	100	Guernsey	4e	—
GxD3--Guernsey soils, 12 to 18 percent slopes, severely eroded				
	100	Guernsey	6e	—
HbA--Haubstadt silt loam, 0 to 2 percent slopes				
	100	Haubstadt	2w	—
HbB--Haubstadt silt loam, 2 to 6 percent slopes				
	100	Haubstadt	2e	—
HbC2--Haubstadt silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Haubstadt	3e	—
HbC3--Haubstadt silt loam, 6 to 12 percent slopes, severely eroded				
	100	Haubstadt	4e	—
HbD2--Haubstadt silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Haubstadt	4e	—
HbD3--Haubstadt silt loam, 12 to 18 percent slopes, severely eroded				
	100	Haubstadt	6e	—
HcB--Haubstadt-Urban land complex, gently sloping				
	50	Haubstadt	—	—
	40	Urban land	—	—
HcC--Haubstadt-Urban land complex, sloping				
	50	Haubstadt	—	—
	40	Urban land	—	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
HeF2--Hennepin-Miamian silt loams, 18 to 35 percent slopes, moderately eroded				
	70	Hennepin	6e	—
	30	Miamian	7e	—
HeG2--Hennepin-Miamian silt loams, 35 to 50 percent slopes, moderately eroded				
	80	Hennepin	7e	—
	15	Miamian	7e	—
HfE3--Hennepin-Miamian complex, 12 to 25 percent slopes, severely eroded				
	70	Hennepin	6e	—
	20	Miamian	6e	—
HkC2--Hickory silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Hickory	3e	—
HkD2--Hickory silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Hickory	4e	—
HkE2--Hickory silt loam, 18 to 25 percent slopes, moderately eroded				
	100	Hickory	6e	—
HkF2--Hickory silt loam, 25 to 35 percent slopes, moderately eroded				
	100	Hickory	7e	—
HyC3--Hickory clay loam, 6 to 12 percent slopes, severely eroded				
	100	Hickory	4e	—
HyD3--Hickory clay loam, 12 to 18 percent slopes, severely eroded				
	100	Hickory	6e	—
HyE3--Hickory clay loam, 18 to 25 percent slopes, severely eroded				
	100	Hickory	6e	—
JeD--Jessup silt loam, 12 to 18 percent slopes				
	100	Jessup	4e	—
JfC2--Jessup silt loam, 8 to 15 percent slopes, eroded				
	85	Jessup	3e	—

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			Nonirrigated	Irrigated
JfD2—Jessup silt loam, 15 to 25 percent slopes, eroded				
	90	Jessup	4e	—
JoC—Johnsburg silt loam, 2 to 8 percent slopes				
	100	Johnsburg	2e	—
JoR1A1—Jonesboro-Rossmoyne silt loams, 0 to 2 percent slopes				
	50	Jonesboro	2w	—
	35	Rossmoyne	2w	—
JoR1B1—Jonesboro-Rossmoyne silt loams, 2 to 6 percent slopes				
	50	Jonesboro	2e	—
	45	Rossmoyne	2e	—
JoR1B2—Jonesboro-Rossmoyne silt loams, 2 to 6 percent slopes, eroded				
	52	Jonesboro, eroded	2e	—
	42	Rossmoyne, eroded	2e	—
JrC2—Jonesboro-Rossmoyne silt loams, 6 to 12 percent slopes, eroded				
	65	Jonesboro	3e	—
	20	Rossmoyne	3e	—
KeB—Kendallville silt loam, 2 to 6 percent slopes				
	100	Kendallville	2e	—
KeC2—Kendallville silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Kendallville	3e	—
KeD2—Kendallville silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Kendallville	4e	—
KfD3—Kendallville clay loam, 12 to 18 percent slopes, severely eroded				
	100	Kendallville	6e	—
KoA—Kokomo silty clay loam, 0 to 1 percent slopes				
	95	Kokomo	2w	—
LhB—Lawshe silty clay loam, 2 to 6 percent slopes				
	100	Lawshe	3e	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
LhC2—Lawshe silty clay loam, 6 to 12 percent slopes, moderately eroded				
	100	Lawshe	4e	—
LhD2—Lawshe silty clay loam, 12 to 18 percent slopes, moderately eroded				
	100	Lawshe	6e	—
LID3—Lawshe silty clay, 12 to 18 percent slopes, severely eroded				
	100	Lawshe	6e	—
LmC2—Libre silt loam, 6 to 12 percent slopes, eroded				
	90	Libre	3e	—
LoB—Loudon silt loam, 2 to 6 percent slopes				
	100	Loudon	2e	—
LoB2—Loudon silt loam, 2 to 6 percent slopes, moderately eroded				
	100	Loudon	2e	—
LoC2—Loudon silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Loudon	3e	—
LoD2—Loudon silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Loudon	4e	—
LpE2—Loudon-Edenton silt loams, 18 to 25 percent slopes, moderately eroded				
	50	Loudon	6e	—
	25	Edenton	6e	—
LrC2—Loudon silt loam, 6 to 15 percent slopes, eroded				
	85	Loudon	3e	—
MdB—Markland silt loam, 2 to 6 percent slopes				
	95	Markland	3e	—
MdC2—Markland silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Markland	4e	—
MdD2—Markland silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Markland	6e	—
MgB—McGary silt loam, 0 to 4 percent slopes				
	95	McGary	3e	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
MIB--Miamiian silt loam, 2 to 6 percent slopes				
	85	Miamian	2e	—
MIB2--Miamiian silt loam, 2 to 6 percent slopes, eroded				
	85	Miamian, eroded	2e	—
MIC2--Miamiian silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Miamian	3e	—
MID2--Miamiian silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Miamian	4e	—
MIE--Miamiian silt loam, 18 to 25 percent slopes				
	100	Miamian	6e	—
MmC3--Miamiian clay loam, 6 to 12 percent slopes, severely eroded				
	90	Miamian, severely eroded	4e	—
MmD3--Miamiian clay loam, 12 to 18 percent slopes, severely eroded				
	100	Miamian	6e	—
MnE2--Miamiian-Thrifton complex, 18 to 25 percent slopes, eroded				
	70	Miamian	6e	—
	20	Thrifton	6e	—
MpF2--Miamiian and Hennepin silt loams, 25 to 35 percent slopes, moderately eroded				
	50	Miamian	7e	—
	50	Hennepin	7e	—
MrB--Miamiian-Russell silt loams, 2 to 6 percent slopes				
	50	Miamian	2e	—
	45	Russell	2e	—
MrB2--Miamiian-Russell silt loams, 2 to 6 percent slopes, moderately eroded				
	60	Miamian	2e	—
	35	Russell	2e	—
MrC2--Miamiian-Russell silt loams, 6 to 12 percent slopes, moderately eroded				
	65	Miamian	3e	—
	35	Russell	3e	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
MsB--Miamian-Urban land complex, gently sloping				
	60	Miamian	—	—
	40	Urban land	—	—
Mt--Millsdale silty clay loam				
	90	Millsdale	3w	—
MuB--Milton silt loam, 2 to 6 percent slopes				
	95	Milton	2e	—
MuB2--Milton silt loam, 2 to 6 percent slopes, moderately eroded				
	100	Milton	2e	—
MuC2--Milton silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Milton	3e	—
MuD2--Milton silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Milton	4e	—
MwC3--Milton clay loam, 6 to 12 percent slopes, severely eroded				
	100	Milton	4e	—
My--Montgomery silty clay loam				
	95	Montgomery	3w	—
MzD2--Morrisville silty clay loam, 12 to 18 percent slopes, eroded				
	80	Morrisville	4e	—
NcD--Negley loam, 15 to 25 percent slopes				
	85	Negley	6e	—
NdC--Negley loam, 6 to 12 percent slopes				
	100	Negley	3e	—
NdC2--Negley loam, 6 to 12 percent slopes, eroded				
	90	Negley	3e	—
NdD--Negley loam, 12 to 18 percent slopes				
	100	Negley	4e	—
NdE--Negley loam, 18 to 25 percent slopes				
	100	Negley	6e	—
NdF--Negley loam, 25 to 35 percent slopes				
	100	Negley	6e	—

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Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
NeB—Negley silt loam, 2 to 6 percent slopes				
	100	Negley	2e	—
NeE2—Negley loam, 20 to 35 percent slopes, eroded				
	90	Negley	6e	—
NfC3—Negley clay loam, 6 to 12 percent slopes, severely eroded				
	100	Negley	3e	—
NfD3—Negley clay loam, 12 to 18 percent slopes, severely eroded				
	100	Negley	6e	—
NgF—Negley-Fox complex, 18 to 35 percent slopes				
	60	Negley	6e	—
	40	Fox	6e	—
NhC2—Nicely silt loam, 6 to 12 percent slopes, eroded				
	90	Nicely	3e	—
Nk—Newark silt loam, frequently flooded				
	85	Newark	2w	—
NmB—Nicholson silt loam, 1 to 6 percent slopes				
	85	Nicholson	2e	—
NnB—Nicholson silt loam, 2 to 6 percent slopes				
	90	Nicholson	2e	—
NnB2—Nicholson silt loam, 2 to 6 percent slopes, eroded				
	90	Nicholson, eroded	2e	—
NnC2—Nicholson silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Nicholson	3e	—
No—Nolin silt loam, 0 to 3 percent slopes, occasionally flooded				
	85	Nolin, occasionally flooded	2w	—
ObB—Ockley loam, 2 to 6 percent slopes				
	90	Ockley	2e	—
OcA—Ockley silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes				
	85	Ockley	1	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
OcB—Ockley silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes				
	85	Ockley	2e	—
OcC2—Ockley silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Ockley	3e	—
OdB—Ockley-Urban land complex, gently sloping				
	55	Ockley	—	—
	45	Urban land	—	—
OnD2—Opequon silt loam, 15 to 30 percent slopes, eroded				
	85	Opequon	6e	—
OoC2—Opequon-Bratton silt loams, 8 to 15 percent slopes, eroded				
	45	Opequon	4e	—
	40	Bratton	3e	—
OpD2—Opequon silt loam, 6 to 18 percent slopes, moderately eroded				
	100	Opequon	4e	—
OpE2—Opequon silt loam, 18 to 25 percent slopes, moderately eroded				
	100	Opequon	6e	—
OrD2—Opequon silty clay loam, 15 to 25 percent slopes, eroded				
	85	Opequon	6e	—
OrE2—Opequon silty clay loam, 25 to 40 percent slopes, eroded				
	80	Opequon	7e	—
OrF—Opequon silty clay loam, 40 to 60 percent slopes, very rocky				
	85	Opequon	7s	—
OsF2—Opequon stony silt loam, 18 to 35 percent slopes, moderately eroded				
	100	Opequon	7e	—
OsG—Opequon stony silt loam, 35 to 50 percent slopes				
	100	Opequon	7e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
OtD3—Opequon clay, 6 to 18 percent slopes, severely eroded				
	100	Opequon	4e	—
Ou—Orrville silt loam, frequently flooded				
	85	Orrville	2w	—
OwB—Otwell silt loam, 2 to 6 percent slopes				
	100	Otwell	2e	—
OwC2—Otwell silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Otwell	3e	—
OwD2—Otwell silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Otwell	4e	—
OwE2—Otwell silt loam, 18 to 25 percent slopes, moderately eroded				
	100	Otwell	6e	—
OwF—Otwell silt loam, 25 to 35 percent slopes				
	100	Otwell	7e	—
OxB—Otwell silt loam, 3 to 8 percent slopes				
	85	Otwell	2e	—
OyC2—Otwell silt loam, 6 to 15 percent slopes, eroded				
	85	Otwell	3e	—
Pa—Patton silt loam				
	95	Patton	2w	—
Pb—Patton silt loam, till substratum				
	95	Patton	2w	—
Pe—Peoga silt loam				
	95	Peoga	3w	—
Pg—Pits, gravel				
	100	Pits, gravel	—	—
Pn—Philo silt loam				
	100	Philo	2w	—
Pq—Pits, quarry				
	100	Pits, quarry	—	—
RbB—Rainsboro silt loam, 2 to 6 percent slopes				
	90	Rainsboro	2e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
Rn--Ross silt loam				
	95	Ross	2w	—
RpC2--Rossmoyne silt loam, 6 to 12 percent slopes, moderately eroded				
	100	Rossmoyne	3e	—
RpD2--Rossmoyne silt loam, 12 to 18 percent slopes, moderately eroded				
	100	Rossmoyne	4e	—
RsC3--Rossmoyne silty clay loam, 6 to 12 percent slopes, severely eroded				
	100	Rossmoyne	4e	—
RtB--Rossmoyne-Urban land complex, gently sloping				
	60	Rossmoyne	—	—
	40	Urban land	—	—
RuB--Russell silt loam, 2 to 6 percent slopes				
	95	Russell	2e	—
RxB2--Russell-Xenia silt loams, 2 to 6 percent slopes, eroded				
	60	Russell	2e	—
	20	Xenia	2e	—
SaA--Sardinia silt loam, 0 to 2 percent slopes				
	95	Sardinia	2w	—
SaB--Sardinia silt loam, 2 to 6 percent slopes				
	95	Sardinia	2e	—
SaC2--Sardinia silt loam, 6 to 12 percent slopes, moderately eroded				
	95	Sardinia	3e	—
Sec3A--Secondcreek silty clay loam, 0 to 1 percent slopes				
	93	Secondcreek, drained	2w	—
SeE--Shelocta-Berks association, steep				
	55	Shelocta	6e	—
	35	Berks	6e	—
SeF--Shelocta-Berks association, very steep				
	55	Shelocta	7e	—
	35	Berks	7e	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
SfE—Shelocta-Muse-Colyer association, steep				
	55	Shelocta	7e	—
	25	Muse	7e	—
	15	Colyer	7s	—
SgE—Shelocta-Cruze-Weikert association, steep				
	40	Shelocta	6e	—
	30	Cruze	6e	—
	20	Weikert	7e	—
Sh—Shoals silt loam				
	95	Shoals	2w	—
Sk—Skidmore gravelly loam, occasionally flooded				
	85	Skidmore	2w	—
SIA—Sleeth silt loam, 0 to 2 percent slopes				
	95	Sleeth	2w	—
SmA—Sligo silt loam, 0 to 1 percent slopes, occasionally flooded				
	90	Sligo	2w	—
Sn—Sloan silt loam				
	85	Sloan	3w	—
SoA—Sloan silt loam, sandy substratum, 0 to 1 percent slopes, occasionally flooded				
	90	Sloan	3w	—
St—Stonelick loam				
	100	Stonelick	2w	—
TbA—Taggart silt loam, 0 to 2 percent slopes				
	85	Taggart	2w	—
TcA—Taggart silt loam, 0 to 4 percent slopes				
	85	Taggart	2w	—
ThA—Thackery silt loam, 0 to 2 percent slopes				
	95	Thackery	1	—
ThB—Thackery silt loam, 2 to 6 percent slopes				
	95	Thackery	2e	—
TkA—Tilsit silt loam, 0 to 4 percent slopes				
	85	Tilsit	2w	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
ToC—Trappist silt loam, 8 to 15 percent slopes				
	80	Trappist	3e	—
ToD—Trappist silt loam, 15 to 25 percent slopes				
	85	Trappist	6e	—
ToD2—Trappist silt loam, 15 to 25 percent slopes, eroded				
	80	Trappist	6e	—
TrE—Trappist silt loam, 18 to 25 percent slopes				
	100	Trappist	6e	—
TsB—Trappist-Muse silt loams, 2 to 6 percent slopes				
	50	Trappist	2e	—
	35	Muse	2e	—
TsC2—Trappist-Muse silt loams, 6 to 12 percent slopes, moderately eroded				
	60	Trappist	3e	—
	40	Muse	3e	—
TsD2—Trappist-Muse silt loams, 12 to 18 percent slopes, moderately eroded				
	50	Trappist	4e	—
	30	Muse	4e	—
TtA—Treaty silty clay loam, 0 to 1 percent slopes				
	90	Treaty	2w	—
TuD—Tuscarawas channery silt loam, 6 to 18 percent slopes				
	100	Tuscarawas	4e	—
TuF—Tuscarawas channery silt loam, 18 to 35 percent slopes				
	100	Tuscarawas	6e	—
TvA—Treaty silt loam, 0 to 1 percent slopes, overwash				
	90	Treaty	2w	—
TwE—Trappist-Shelocta association, steep				
	40	Trappist	7e	—
	35	Shelocta	7e	—
Ud—Udorthents				
	100	Udorthents	—	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
Uf--Udorthents, sanitary landfill				
	100	Udorthents	—	—
W--Water				
	100	Water	—	—
WaA--Warsaw silt loam, 0 to 2 percent slopes				
	100	Warsaw	2s	—
WbC3--Wapahani-Miamian clay loams, 6 to 12 percent slopes, severely eroded				
	70	Wapahani	4e	—
	20	Miamian	4e	—
WeA--Wea silt loam, 0 to 2 percent slopes				
	100	Wea	2s	—
WeB--Wea silt loam, 2 to 6 percent slopes				
	100	Wea	2e	—
WIC--Wellston silt loam, 6 to 12 percent slopes				
	100	Wellston	3e	—
WID--Wellston silt loam, 12 to 18 percent slopes				
	90	Wellston	4e	—
WoC--Wernock silt loam, 8 to 15 percent slopes				
	85	Wernock	3e	—
Ws--Westland silt loam, overwash				
	100	Westland	2w	—
WsS1A1--Westboro-Schaffer silt loams, 0 to 2 percent slopes				
	55	Westboro	2w	—
	30	Schaffer	2w	—
WsS1B1--Westboro-Schaffer silt loams, 2 to 4 percent slopes				
	55	Westboro	2w	—
	30	Schaffer	2w	—
Wt--Westland silty clay loam				
	100	Westland	2w	—
WvA--Williamsburg silt loam, 0 to 2 percent slopes				
	100	Williamsburg	1	—

Land Capability Classification--Highland County, Ohio				
Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
WvB—Williamsburg silt loam, 2 to 6 percent slopes				
	100	Williamsburg	2e	—
WvC—Williamsburg silt loam, 6 to 12 percent slopes				
	95	Williamsburg	3e	—
XeB—Xenia silt loam, 2 to 6 percent slopes				
	95	Xenia	2e	—

### Data Source Information

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