

Crop and Pasture Limitations
 Owen County, Indiana

Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
AbgAU: Adrian-----	100	Ponding, wetness, low ph, subsidence.	Ponding, wetness, traffibility limitation, low ph, subsidence.
AfeC: Alvin-----	50	Low ph, water erosion, wind erosion, moderate available water capacity.	Low ph, water erosion, wind erosion.
Bloomfield-----	37	Low ph, water erosion, wind erosion, low available water capacity.	Low ph, water erosion, wind erosion, low available water capacity.
AfeD: Alvin-----	50	Equipment limitation(slope), low ph, water erosion, wind erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion, wind erosion.
Bloomfield-----	34	Equipment limitation(slope), low ph, water erosion, wind erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, wind erosion, low available water capacity.
AffE: Alvin-----	45	Equipment limitation(slope), low ph, water erosion, wind erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion, wind erosion.
Bloomfield-----	27	Equipment limitation(slope), low ph, water erosion, wind erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, wind erosion, low available water capacity.
Princeton-----	18	Equipment limitation(slope), low ph, water erosion, wind erosion.	Equipment limitation(slope), low ph, water erosion, wind erosion.
AfsB: Alvin-----	48	Low ph, water erosion, wind erosion, moderate available water capacity.	Low ph, water erosion, wind erosion.
Princeton-----	38	Low ph, water erosion, wind erosion.	Low ph, water erosion, wind erosion.

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AfsC:			
Alvin-----	50	Low ph, water erosion, wind erosion, moderate available water capacity.	Low ph, water erosion, wind erosion.
Princeton-----	38	Low ph, water erosion, wind erosion.	Low ph, water erosion, wind erosion.
AftD:			
Alvin-----	48	Equipment limitation(slope), low ph, water erosion, wind erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion, wind erosion.
Princeton-----	33	Equipment limitation(slope), low ph, water erosion, wind erosion.	Equipment limitation(slope), low ph, water erosion, wind erosion.
AhrAK:			
Armiesburg-----	95	High ph.	High ph.
AkeB2:			
Arney-----	85	Low ph, water erosion, restricted permeability.	Low ph, water erosion.
AloB2:			
Ava-----	95	Limited rooting depth (fragipan), low ph, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
AmkA:			
Ayrshire-----	90	Wetness, low ph, wind erosion.	Trafficability limitation, low ph, wind erosion.
BdxAV:			
Belknap-----	75	Flooding, wetness, low ph.	Flooding, trafficability limitation, low ph.
BgeAH:			
Birds-----	83	Flooding, ponding, wetness, low ph, crusting.	Flooding, ponding, wetness, trafficability limitation, low ph.
BodAV:			
Bonnie-----	84	Flooding, ponding, wetness, low ph, crusting.	Flooding, ponding, wetness, trafficability limitation, low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
CkkB2: Cincinnati-----	95	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
CkkC2: Cincinnati-----	90	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
CkkC3: Cincinnati-----	95	Wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
CkkD2: Cincinnati-----	73	Equipment limitation(slope), limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.
CspC2: Crider-----	80	Low ph, crusting, water erosion.	Low ph, water erosion.
CspC3: Crider-----	70	Low ph, crusting, water erosion.	Low ph, water erosion.
DfnA: Dubois-----	84	Wetness, limited rooting depth (fragipan), low ph, crusting, restricted permeability.	Trafficability limitation, limited rooting depth (fragipan), low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
Eaad2: Ebal-----	78	Equipment limitation(slope), low ph, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), low ph, water erosion.
GaaE2: Gallimore-----	77	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
GabG: Gallimore-----	48	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
Chetwynd-----	26	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
GblAH: Gessie-----	88	High ph.	High ph.
GmcD3: Grayford-----	80	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
GmcE2: Grayford-----	82	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
GmhD2: Grayford-----	57	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
Ryker-----	31	Equipment limitation(slope), low ph, crusting, water erosion.	Equipment limitation(slope), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
GmpE2: Greybrook-----	91	Equipment limitation(slope), low ph, water erosion, restricted permeability.	Equipment limitation(slope), low ph, water erosion.
GmpF: Greybrook-----	91	Equipment limitation(slope), low ph, water erosion, restricted permeability.	Equipment limitation(slope), low ph, water erosion.
HarD2: Haggatt-----	86	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
HarD3: Haggatt-----	88	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
HasE2: Haggatt-----	51	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
Caneyville-----	31	Equipment limitation(slope), low ph, crusting, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.
HccA: Haubstadt-----	80	Limited rooting depth (fragipan), low ph, crusting, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph.
HccB2: Haubstadt-----	84	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
HccC3: Haubstadt-----	80	Wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
HcgAH: Haymond-----	86	Low ph, crusting.	Low ph.
HchA: Haymond-----	90	Low ph, crusting.	Low ph.
HefG: Hickory-----	78	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
HelD2: Hickory-----	62	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Stinesville-----	27	Low ph, crusting, water erosion.	Low ph, water erosion.
HeoE: Hickory-----	76	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
HeoE3: Hickory-----	85	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
HeoG: Hickory-----	80	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
HepG: Hickory-----	58	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Adeyeville-----	21	Equipment limitation(slope), low ph, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.

Crop and Pasture Limitations--Continued
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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
HesG:			
Hickory-----	52	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Chetwynd-----	23	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
HeuE:			
Hickory-----	55	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Wellston-----	27	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
HeuF:			
Hickory-----	49	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Wellston-----	26	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
HkaB:			
Hollybrook-----	93	Wetness, low ph, water erosion, moderate available water capacity, restricted permeability.	Trafficability limitation, low ph, water erosion.
HleAV:			
Holton-----	72	Flooding, wetness, low ph, crusting.	Flooding, trafficability limitation, low ph.
HnoA:			
Hoosierville-----	90	Ponding, wetness, low ph, restricted permeability.	Ponding, wetness, trafficability limitation, low ph.
Lnfa:			
Lieber-----	75	Wetness, low ph, crusting, moderate available water capacity, restricted permeability.	Trafficability limitation, low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
LnfB: Lieber-----	88	Wetness, low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Trafficability limitation, low ph, water erosion.
MecA: Martinsville-----	90	Low ph, crusting.	Low ph.
MecAQ: Martinsville-----	88	Low ph, crusting.	Low ph.
MecB: Martinsville-----	92	Low ph, crusting, water erosion.	Low ph, water erosion.
MhhAH: McAdoo-----	90	High ph, crusting.	High ph.
MhhAK: McAdoo-----	90	High ph, crusting.	High ph.
MhuA: McGary-----	90	Wetness, low ph, crusting.	Trafficability limitation, low ph.
MrcG: Minnehaha-----	90	Equipment limitation(slope), low ph, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.
MsvA: Montgomery-----	82	Ponding, wetness, clodding, restricted permeability.	Ponding, wetness, trafficability limitation.
MvrAH: Moundhaven-----	88	High ph, wind erosion, low available water capacity.	High ph, wind erosion, low available water capacity.
NbhAH: Newark-----	93	Flooding, wetness, low ph.	Flooding, trafficability limitation, low ph.
OfaAV: Oldenburg-----	83	Flooding, low ph, crusting.	Flooding, low ph.
OfcAV: Oldenburg-----	90	Flooding, low ph, moderate available water capacity.	Flooding, low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
OfeB: Olephant-----	95	Low ph, crusting.	Low ph.
OmkC2: Otwell-----	73	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity.	Limited rooting depth (fragipan), low ph, water erosion.
OmkC3: Otwell-----	73	Wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity.	Limited rooting depth (fragipan), low ph, water erosion.
OmkD3: Otwell-----	72	Equipment limitation(slope), wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.
PbbC2: Parke-----	91	Low ph, crusting, water erosion.	Low ph, water erosion.
PbbC3: Parke-----	91	Low ph, crusting, water erosion.	Low ph, water erosion.
PbbD2: Parke-----	82	Equipment limitation(slope), low ph, crusting, water erosion.	Equipment limitation(slope), low ph, water erosion.
PbbD3: Parke-----	82	Equipment limitation(slope), low ph, crusting, water erosion.	Equipment limitation(slope), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
PcnA: Patrickburg-----	90	Wetness, limited rooting depth (fragipan), low ph, crusting, moderate available water capacity, restricted permeability.	Trafficability limitation, limited rooting depth (fragipan), low ph.
PcrAQ: Pekin-----	90	Limited rooting depth (fragipan), low ph, crusting, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph.
PcrB2: Pekin-----	90	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
PcrC2: Pekin-----	88	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
PhaA: Peoga-----	73	Ponding, wetness, low ph, crusting, restricted permeability.	Ponding, wetness, trafficability limitation, low ph.
PhaAP: Peoga-----	95	Ponding, wetness, low ph, crusting.	Ponding, wetness, trafficability limitation, low ph.
PlcAV: Piankeshaw-----	77	Low ph, crusting, moderate available water capacity.	Low ph.
PlfA: Pike-----	92	Low ph, crusting.	Low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
PlfB2: Pike-----	92	Low ph, crusting, water erosion.	Low ph, water erosion.
PrwAV: Pope-----	80	Low ph, wind erosion, moderate available water capacity.	Low ph, wind erosion.
PryB: Potawatomi-----	87	Wetness, low ph, restricted permeability.	Low ph.
PsaD3: Pottersville-----	92	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
PsaG: Pottersville-----	85	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
PsbF: Pottersville-----	85	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
RpzG: Romona-----	39	Equipment limitation(slope), equipment limitation (rock fragments in the surface layer), clodding, water erosion, very low available water capacity.	Equipment limitation(slope), equipment limitation (rock fragments in the surface layer), water erosion, very low available water capacity.
Corydon-----	27	Equipment limitation(slope), equipment limitation (rock fragments in the surface layer), high ph, water erosion, very low available water capacity, restricted permeability.	Equipment limitation(slope), equipment limitation (rock fragments in the surface layer), high ph, water erosion, very low available water capacity.
RtcC3: Ryker-----	78	Low ph, crusting, water erosion.	Low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
SfoA: Shakamak-----	80	Limited rooting depth (fragipan), low ph, crusting, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph.
SfyB2: Shircliff-----	90	Low ph, crusting, water erosion.	Low ph, water erosion.
SfyC2: Shircliff-----	82	Low ph, crusting, water erosion.	Low ph, water erosion.
SneC2: Solsberry-----	73	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
SneC3: Solsberry-----	73	Wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
SneD2: Solsberry-----	75	Equipment limitation(slope), limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.
SneD3: Solsberry-----	75	Equipment limitation(slope), wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
SneD5: Solsberry-----	74	Equipment limitation(slope), wetness, limited rooting depth (fragipan), low ph, crusting, water erosion, low available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion, low available water capacity.
StaAV: Steff-----	85	Flooding, low ph, crusting.	Flooding, low ph.
StdAH: Stendal-----	85	Flooding, wetness, low ph, crusting.	Flooding, trafficability limitation, low ph.
Steff-----	10	Flooding, low ph, crusting.	Flooding, low ph.
StfB2: Stinesville-----	96	Low ph, crusting, water erosion.	Low ph, water erosion.
StfC2: Stinesville-----	94	Low ph, crusting, water erosion.	Low ph, water erosion.
StgC2: Stinesville-----	43	Low ph, crusting, water erosion.	Low ph, water erosion.
Ryker-----	28	Low ph, crusting, water erosion.	Low ph, water erosion.
Grayford-----	24	Low ph, crusting, water erosion, moderate available water capacity.	Low ph, water erosion.
StgD2: Stinesville-----	40	Low ph, crusting, water erosion.	Low ph, water erosion.
Ryker-----	27	Equipment limitation(slope), low ph, crusting, water erosion.	Equipment limitation(slope), low ph, water erosion.
Grayford-----	23	Equipment limitation(slope), low ph, crusting, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
SupAH: Stonelick-----	92	High ph, wind erosion, moderate available water capacity.	High ph, wind erosion.
SwhG: Stubenville-----	51	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Hickory-----	40	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
TadA: Taggart-----	90	Wetness, low ph, crusting.	Trafficability limitation, low ph.
TahB: Tapawingo-----	58	Low ph, water erosion, low available water capacity, restricted permeability.	Low ph, water erosion, low available water capacity.
Nawakwa-----	36	Low ph, water erosion, low available water capacity, restricted permeability.	Low ph, water erosion, low available water capacity.
TcgG: Tipsaw-----	53	Equipment limitation(slope), low ph, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.
TtaG: Tulip-----	59	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Tipsaw-----	25	Equipment limitation(slope), low ph, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
TtceE:			
Tulip-----	38	Equipment limitation(slope), low ph, water erosion.	Equipment limitation(slope), low ph, water erosion.
Wellston-----	25	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
Adyeville-----	21	Equipment limitation(slope), low ph, water erosion, low available water capacity.	Equipment limitation(slope), low ph, water erosion, low available water capacity.
VdgA:			
Vigo-----	87	Wetness, low ph, crusting.	Trafficability limitation, low ph.
WeaA:			
Wea-----	63	Moderate available water capacity.	This soil is well suited to pastureland.
Elston-----	27	Low ph, wind erosion, moderate available water capacity.	Low ph, wind erosion.
WeaAQ:			
Wea-----	66	Moderate available water capacity.	This soil is well suited to pastureland.
Elston-----	29	Low ph, wind erosion, moderate available water capacity.	Low ph, wind erosion.
WhfD2:			
Wellston-----	85	Equipment limitation(slope), low ph, water erosion, moderate available water capacity.	Equipment limitation(slope), low ph, water erosion.
WlmAK:			
Whitaker-----	92	Flooding, wetness, low ph, crusting.	Flooding, trafficability limitation, low ph.
WokAH:			
Wilbur-----	83	Flooding, low ph, crusting.	Flooding, low ph.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
WolAI: Wilhite-----	96	Flooding, ponding, wetness, low ph, clodding, moderate available water capacity, restricted permeability.	Flooding, ponding, wetness, trafficability limitation, low ph.
WomAH: Wilhite-----	92	Flooding, ponding, wetness, low ph, crusting, moderate available water capacity, restricted permeability.	Flooding, ponding, wetness, trafficability limitation, low ph.
WprAQ: Wirt-----	90	Low ph, crusting.	Low ph.
WpuAK: Wirt-----	90	Low ph, crusting.	Low ph.
WpuAV: Wirt-----	86	Low ph, crusting.	Low ph.
WpyBJ: Wirt-----	53	Crusting.	This soil is well suited to pastureland.
Pekin-----	23	Flooding, limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Flooding, limited rooting depth (fragipan), low ph, water erosion.
ZamB2: Apalona-----	45	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
Zanesville-----	40	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
ZamC2: Apalona-----	45	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
Zanesville-----	40	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity.	Limited rooting depth (fragipan), low ph, water erosion.
ZamC3: Apalona-----	45	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity, restricted permeability.	Limited rooting depth (fragipan), low ph, water erosion.
Zanesville-----	40	Limited rooting depth (fragipan), low ph, crusting, water erosion, moderate available water capacity.	Limited rooting depth (fragipan), low ph, water erosion.
ZamD2: Zanesville-----	70	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.
ZamD5: Zanesville-----	72	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion, low available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion, low available water capacity.

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Soil name and map symbol	Comp Pct.	Cropland limitations and hazards	Pastureland limitations and hazards
ZapD3: Zanesville-----	45	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), limited rooting depth (fragipan), low ph, water erosion.
Tulip-----	30	Equipment limitation(slope), low ph, water erosion, moderate available water capacity, restricted permeability.	Equipment limitation(slope), low ph, water erosion.