

Map Symbol	Map Unit Name	Nontechnical Descriptions
Aa	ALAGA-LUCY ASSOCIATION, UNDULATING	These undulating, sandy soils are on ridgetops and side slopes on uplands. Alaga soils are excessively drained and are sandy throughout the profile. Permeability is rapid. Lucy soils are well drained and have moderately thick sandy surface and subsurface layers over a loamy subsoil. Permeability is moderate in the subsoil. Both soils have low fertility and a low available water capacity.
Ac	ALLIGATOR CLAY	This nearly level, poorly drained, soil is on broad flats on the alluvial plain. It is clayey throughout. Natural fertility is medium or high. Runoff is slow or very slow. Water and air move very slowly through the soil. The shrink-swell potential is high or very high. A seasonal high water table is within 2 feet of the soil surface during December through April. Flooding is rare, but it can occur during unusually wet periods. Slopes are less than 1 percent.
Af	ALLIGATOR CLAY, FREQUENTLY FLOODED	This level, poorly drained or somewhat poorly drained soil is at low elevations on the alluvial plain. It is flooded frequently for very long periods. This soil is clayey throughout or it has a loamy surface layer and a clayey subsoil. Natural fertility is high. Surface runoff is very slow. Water and air move very slowly through the soil. The seasonal high water table is near the soil surface. This soil has a very high shrink-swell potential. Slopes are less than 1 percent.
Br	BARCLAY-ROSEBLOOM COMPLEX, OCCASIONALLY FLOODED	These undulating soils are on ridges and swales on flood plains. They are subject to occasional flooding. Barclay soils are somewhat poorly drained and are on the ridges. Rosebloom soils are poorly drained and are in the swales. Both soils are loamy throughout. Natural fertility is low or medium. Both soils have a seasonal high water table in winter and spring.
Ca	CADEVILLE ASSOCIATION, HILLY	This map unit is about 55 percent Cadeville soil and 45 percent other soils, such as Kirvin, Ora, Ruston, and Savannah soils. The composition of the map unit is variable. The landscape is hilly. Cadeville soils are moderately well drained. They have a thin loamy surface layer and a clayey subsoil. Permeability is very slow. Natural fertility is low. Surface runoff is medium to rapid. Slopes range from 5 to 25 percent.
CdE	CADEVILLE FINE SANDY LOAM, 5 TO 20 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
Cr	CROWLEY SILT LOAM	This somewhat poorly drained, level or nearly level soil is on broad, convex slopes on uplands. It has a thick, loamy surface layer and a clayey subsoil. Runoff is slow. Water and air move very slowly through the subsoil. A seasonal high water table is near the surface in winter and spring. Natural fertility is low to medium. The subsoil has a high shrink-swell potential.

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FrA	FRIZZELL SILT LOAM, 0 TO 1 PERCENT SLOPES	This level or nearly level, somewhat poorly drained soil is on terraces. It is loamy throughout. Natural fertility is low. Permeability is slow. The soil has a seasonal high water table in winter and spring.
FrB	FRIZZELL SILT LOAM, 1 TO 3 PERCENT SLOPES	This somewhat poorly drained, very gently sloping soil is on terraces. It is loamy throughout. Permeability is slow. Natural fertility is low. The soil has a seasonal high water table for long periods in winter and spring.
Ga	GALLION SILT LOAM	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years. The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
Gu	GUYTON ASSOCIATION	This map unit is about 70 percent Guyton soil and 30 percent less extensive soils. The Guyton soil is poorly drained. It is on broad flats and in depressional areas. The soil is loamy throughout. Permeability is slow. Natural fertility is low. The soil has a seasonal high water table for long periods in winter and spring.
Gy	GUYTON-ROSEBLOOM COMPLEX, FREQUENTLY FLOODED	These level, poorly drained soils are on flood plains. They are subject to frequent flooding. Both soils are loamy throughout the profile. Permeability is slow. Natural fertility is low. The soils have a seasonal high water table for long periods in winter and spring.
Hb	HEBERT SILT LOAM	This level, somewhat poorly drained soil is in high positions on natural levees of streams and former streams. The soil has a silt loam surface layer and a silty clay loam subsoil. It has medium to high natural fertility. Water runs slowly off the surface, and it moves through the soil at a moderately slow rate. A seasonal high water table is in the soil for long periods in winter and spring. The shrink-swell potential is moderate in the subsoil.
HbB	HEBERT SILT LOAM, GENTLY UNDULATING	This is a gently undulating, somewhat poorly drained soil in a pattern of ridges and swales on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderately slow. The soil has a seasonal high water table in winter and spring.
He	HEBERT COMPLEX	This map unit is about 60 percent Hebert soil and 40 percent similar and included soils. The soils are nearly level. Soils in shallow swales are subject to flooding for short periods. The Hebert soil is somewhat poorly drained and is loamy throughout the profile. Permeability is moderately slow. Natural fertility is medium. The soil has a seasonal high water table in winter and spring.

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HpB	HEBERT-PERRY COMPLEX, GENTLY UNDULATING	<p>These gently undulating soils are on ridges and swales on alluvial plains. Some low areas are subject to flooding for short periods. The Hebert soil is on the ridges. It is somewhat poorly drained and is loamy throughout the profile. Permeability is moderately slow. The Perry soil is in the swales. It is poorly drained and is mainly clayey throughout. Permeability is very slow. Natural fertility is medium in both soils. Both soils have a seasonal high water table in winter and spring.</p>
Kr	KIRVIN-RUSTON ASSOCIATION, ROLLING	<p>These well drained soils are in a rolling landscape on uplands. Kirvin soils are on side slopes. They have a loamy surface layer and a clayey and loamy subsoil. Permeability is moderately slow. Ruston soils are on ridgetops. They are loamy throughout the profile. Permeability is moderate. Natural fertility is low in both soils. Slopes range from 5 to 30 percent.</p>
Le	LEAF SILT LOAM, OCCASIONALLY FLOODED	<p>This level, poorly drained soil is on low terraces. It is subject to occasional flooding. The soil has a loamy surface layer and a clayey subsoil. Permeability is very slow, and surface runoff is slow. The soil has a seasonal high water table for long periods in winter and spring. Natural fertility is low.</p>
Ma	MADE LAND	<p>These miscellaneous areas consist of smoothed or partly smoothed gravel or sand pits, spoil banks, dumps, and filled in industrial and residential sites. Soil texture is silt loam to clay that contains various amounts of gravel.</p>
MuC	MUSKOGEE SILT LOAM, 3 TO 5 PERCENT SLOPES	<p>This is a moderately well drained, gently sloping soil on uplands. It is loamy in the surface layer and in the upper part of the subsoil. The lower part of the subsoil is clayey. Natural fertility is low. Permeability is slow or very slow through the lower part of the subsoil. Runoff is medium. The soil has a seasonal high water table. It has a high shrink-swell potential in the subsoil.</p>
OrD	ORA FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	<p>This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.</p>
OrE	ORA FINE SANDY LOAM, 8 TO 12 PERCENT SLOPES	<p>This is a strongly sloping, moderately well drained soil on terraces. The soil is loamy throughout, and it has a fragipan in the subsoil. Natural fertility is low. Permeability is moderately slow in the fragipan. Surface runoff is rapid.</p>
Os	ORA-SAVANNAH ASSOCIATION, GENTLY ROLLING	<p>These gently rolling, moderately well drained soils are on terraces. The soils are loamy throughout the profile, and they have a fragipan in the subsoil. Permeability is moderately slow or slow in the subsoil. Natural fertility is low.</p>

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Pc	PERRY CLAY, FREQUENTLY FLOODED	<p>This level, poorly drained or somewhat poorly drained soil is at low elevations on the alluvial plain. It is flooded frequently for very long periods. This soil is clayey throughout or it has a loamy surface layer and a clayey subsoil. Natural fertility is high. Surface runoff is very slow. Water and air move very slowly through the soil. The seasonal high water table is near the soil surface. This soil has a very high shrink-swell potential. Slopes are less than 1 percent.</p>
Pe	PERRY CLAY, OCCASIONALLY FLOODED	<p>This level, poorly drained, clayey soil is on alluvial plains. It is subject to occasional flooding. The soil is clayey throughout. It has a seasonal high water table that is near the soil surface for long periods in winter and spring. Permeability is very slow. Natural fertility is medium or high. The shrink-swell potential is very high.</p>
Po	PORTLAND SILT LOAM	<p>This level or nearly level, poorly drained soil is on flood plains. The surface layer is loamy and the subsoil is clayey. Cracks form during dry periods, and they seal over during wet periods. Natural fertility is high. Runoff is slow. A seasonal high water table is within 2 feet of the soil surface during December to April. Flooding is rare. The soil dries slowly once wetted. The shrink-swell potential is high or very high in the subsoil. Slopes are less than 1 percent.</p>
Pr	PORTLAND CLAY	<p>This nearly level, poorly drained, clayey soil is on the alluvial plain along the Boeuf River. It is clayey throughout the profile. Natural fertility is moderately low. Surface runoff is slow to very slow. Water and air move very slowly through the soil. A seasonal high water table ranges from near the surface to 2 feet below the surface during December through April. The shrink-swell potential is very high. Deep cracks form when the soil is dry and close when it is wet. Slopes are less than 1 percent.</p>
PvB	PROVIDENCE SILT LOAM, 1 TO 3 PERCENT SLOPES	<p>This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.</p>
PvC	PROVIDENCE SILT LOAM, 3 TO 6 PERCENT SLOPES	<p>This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.</p>

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R1A	RILLA SILT LOAM, 0 TO 1 PERCENT SLOPES	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years. The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
R1B	RILLA SILT LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping, well drained soil is on natural levees on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderate. Surface runoff is slow.
RmB	RILLA-HEBERT COMPLEX, GENTLY UNDULATING	This complex consists of well drained soils on low parallel ridges and somewhat poorly drained soils in swales on alluvial plains. Both soils are loamy throughout. Natural fertility is medium. Permeability is moderate in the well drained soil and moderately slow in the somewhat poorly drained soil. The somewhat poorly drained soil has a seasonal high water table in winter and spring.
RsB	RUSTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
RsD	RUSTON FINE SANDY, 3 TO 8 PERCENT SLOPES	This well drained, gently sloping to moderately sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of air and water through the soil is moderate. Plant roots penetrate the soil easily. In places, the soil is moderately eroded.
RsE	RUSTON FINE SANDY LOAM, 8 TO 12 PERCENT SLOPES (SMITHDA LE)	This well drained, strongly sloping soil is on side slopes on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of water and air through the soil is moderate. Plant roots penetrate the soil easily.
Ru	RUSTON-LUCY ASSOCIATION, UNDULATING	These undulating, well drained soils are on uplands. The Ruston soil is loamy throughout. The Lucy soil has sandy surface and subsurface layers and a loamy subsoil. Permeability is moderate in the subsoil. Natural fertility is low. Slopes range from 5 to 30 percent.
Ry	RUSTON-LUCY ASSOCIATION, HILLY	These well drained soils are in a hilly landscape on uplands. The Ruston soil is loamy throughout. The Lucy soil has sandy surface and subsurface layers and a loamy subsoil. Permeability is moderate in the subsoil. Natural fertility is low. Slopes range from 5 to 30 percent.

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SaC	SAVANNAH FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
StA	STERLINGTON SILT LOAM, 0 TO 1 PERCENT SLOPES	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years. The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
StB	STERLINGTON SILT LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping, well drained soil is on natural levees on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderate. Surface runoff is slow.
Te	TERRACE ESCARPMENTS	These miscellaneous areas consist of steep slopes in a broken landscape between terraces and flood plains. The areas are crossed by many gullies and other drainageways. The soil material is variable but is dominantly loamy or clayey. Surface runoff is rapid.
Wa	WALLER LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.
Wr	WRIGHTSVILLE SILT LOAM	This poorly drained, level soil is in depressional areas along drainageways on uplands. It has a loamy surface layer and a clayey subsoil. Natural fertility is low. Runoff is slow, and water moves very slowly through the soil. This soil is wet during much of winter and spring. The subsoil has a high shrink-swell potential.