

Nontechnical Soil Descriptions

Oakland County, Michigan

Nontechnical soil descriptions describe soil properties to a soil map unit or group of map units, shown in the NonTechnical Descriptions report. These descriptions are written in terminology that Non-technical users of soil survey information can understand.

10B - Marlette Sandy Loam, 1 To 6 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

10C - Marlette Sandy Loam, 6 To 12 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

10D - Marlette Loam, 12 To 18 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

10E - Marlette Loam, 18 To 35 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

11B - Capac Sandy Loam, 0 To 4 Percent Slopes

Capac. This is a somewhat poorly drained loamy soil. Permeability is moderate or moderately slow. Available water capacity is high. Runoff is slow or medium depending on slope. This soil has a seasonal high water table from 1 to 2 feet below the surface from November to May. Natural fertility is medium.

12 - Brookston And Colwood Loams

Brookston. This is a poorly drained loamy soil. Permeability is moderate in the subsoil and moderately slow in the substratum. The available water capacity is high. Surface runoff is very slow or ponded. This soil has a seasonal high water table at or near the surface from fall to spring. Natural fertility is high.
Colwood. This is a poorly drained loamy soil developed in calcareous stratified fine sands and silts. Permeability is moderate. Available water capacity is high. Surface runoff is very slow or ponded. This soil has a seasonal high water table at or near the surface from fall to spring. Natural fertility is high.

Nontechnical Soil Descriptions--Continued

13B - Oshtemo-Boyer Loamy Sands, 0 To 6 Percent Slopes

Oshtemo. The Oshtemo soil is a well drained, loamy soil underlain by sandy material at a depth of 20 to 40 inches. Permeability is moderately rapid and the available water capacity is moderate. Runoff is slow to rapid depending on slope. Natural fertility is medium.
Boyer. This is a well drained sandy soil, underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderately rapid in the upper part and very rapid in the lower part. Available water capacity is low. Runoff is very slow to rapid depending on slope. Natural fertility is low for the loamy sand type and medium for the sandy loam.

13C - Oshtemo-Boyer Loamy Sands, 6 To 12 Percent Slopes

Boyer. This is a well drained sandy soil, underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderately rapid in the upper part and very rapid in the lower part. Available water capacity is low. Runoff is very slow to rapid depending on slope. Natural fertility is low for the loamy sand type and medium for the sandy loam.
Oshtemo. The Oshtemo soil is a well drained, loamy soil underlain by sandy material at a depth of 20 to 40 inches. Permeability is moderately rapid and the available water capacity is moderate. Runoff is slow to rapid depending on slope. Natural fertility is medium.

13E - Oshtemo-Boyer Loamy Sands, 12 To 40 Percent Slopes

Boyer. This is a well drained sandy soil, underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderately rapid in the upper part and very rapid in the lower part. Available water capacity is low. Runoff is very slow to rapid depending on slope. Natural fertility is low for the loamy sand type and medium for the sandy loam.
Oshtemo. The Oshtemo soil is a well drained, loamy soil underlain by sandy material at a depth of 20 to 40 inches. Permeability is moderately rapid and the available water capacity is moderate. Runoff is slow to rapid depending on slope. Natural fertility is medium.

14B - Oakville Fine Sand, 0 To 6 Percent Slopes

Oakville. This is a well drained or moderately well drained sandy soil. Permeability is rapid and the available water capacity is low. Surface runoff is slow. Moderately well drained areas have a seasonal high water table at a depth of 3 to 6 feet from November to April. Natural fertility is low.

14C - Oakville Fine Sand, 6 To 18 Percent Slopes

Oakville. This is a well drained or moderately well drained sandy soil. Permeability is rapid and the available water capacity is low. Surface runoff is slow. Moderately well drained areas have a seasonal high water table at a depth of 3 to 6 feet from November to April. Natural fertility is low.

15B - Spinks Loamy Sand, 0 To 6 Percent Slopes

Spinks (Montcalm). This is a well drained, sandy soil. Permeability is rapid. Available water capacity is low. Runoff is very slow to medium. Natural fertility is low.

15C - Spinks Loamy Sand, 6 To 12 Percent Slopes

Spinks (Montcalm). This is a well drained, sandy soil. Permeability is rapid. Available water capacity is low. Runoff is very slow to medium. Natural fertility is low.

15E - Spinks Loamy Sand, 12 To 35 Percent Slopes

Spinks (Montcalm). This is a well drained, sandy soil. Permeability is rapid. Available water capacity is low. Runoff is very slow to medium. Natural fertility is low.

Nontechnical Soil Descriptions--Continued

17A - Wasepi Sandy Loam, 0 To 3 Percent Slopes

Wasepi (Gladwin). This is a somewhat poorly drained loamy soil underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderately rapid in the upper part and rapid in the lower part. Available water capacity is moderately low. Surface runoff is slow. This soil has a seasonal high water table from 1 to 2 feet below the surface from November to May. Natural fertility is low.

18B - Fox Sandy Loam, 1 To 6 Percent Slopes

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.

18C - Fox Sandy Loam, 6 To 12 Percent Slopes

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.

18D - Fox Sandy Loam, 12 To 25 Percent Slopes

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.

19 - Sebewa Loam

Sebewa (Ronald). This is a poorly drained and very poorly drained, loamy soil underlain by sands and gravelly sands at depths of 20 to 40 inches. Permeability is moderate in the upper part and rapid or very rapid in the sandy and gravelly parts. The available water capacity is moderate. Surface runoff is very slow or ponded. The seasonally high water table is near or above the surface from September to May. Natural fertility is high.

20B - Glynwood Loam, 2 To 6 Percent Slopes

Glynwood (Huron). This is a moderately well drained, loamy soil. Permeability is slow and the available water capacity high. Runoff is medium or rapid depending on slope. The perched, seasonally high water table is from 2 to 3.5 feet below the surface from January to April. Natural fertility is medium.

20C - Glynwood Loam, 6 To 12 Percent Slopes

Glynwood (Huron). This is a moderately well drained, loamy soil. Permeability is slow and the available water capacity high. Runoff is medium or rapid depending on slope. The perched, seasonally high water table is from 2 to 3.5 feet below the surface from January to April. Natural fertility is medium.

23B - Sisson Fine Sandy Loam, 1 To 6 Percent Slopes

Sisson. This is a well drained, loamy soil underlain by stratified silt loam and very fine sand at depths of 20 to 40 inches. Permeability is moderate and the available water capacity is high. Surface runoff is slow or medium depending on slope. Natural fertility is medium.

23C - Sisson Fine Sandy Loam, 6 To 12 Percent Slopes

Sisson. This is a well drained, loamy soil underlain by stratified silt loam and very fine sand at depths of 20 to 40 inches. Permeability is moderate and the available water capacity is high. Surface runoff is slow or medium depending on slope. Natural fertility is medium.

Nontechnical Soil Descriptions--Continued

25B - Owosso Sandy Loam, 1 To 6 Percent Slopes

Owosso (Saverine, Ubyl). Owosso soils are well drained loamy soils. Permeability is moderate and the available water capacity is high. Runoff is slow or medium. Natural fertility is medium.

25C - Owosso Sandy Loam, 6 To 12 Percent Slopes

Owosso (Saverine, Ubyl). Owosso soils are well drained loamy soils. Permeability is moderate and the available water capacity is high. Runoff is slow or medium. Natural fertility is medium.

26 - Sloan Silt Loam

Sloan. This is a very poorly drained loamy soil found in alluvial areas. Permeability is slow or moderate and the available water capacity is high. Surface runoff is slow or very slow. This soil has a seasonal high water table at or near the surface from November to June. Natural fertility is high.

27 - Houghton And Adrian Mucks

Houghton (Lupton). This is a very poorly drained, deep organic soil. Permeability is moderately slow to moderately rapid. Available water capacity is high. Runoff is very slow or ponded. The seasonally high water table is at or above the surface from early fall to late spring. Natural fertility is high.

Adrian muck. (Tawas, Markey) This is a level or slightly depressional, very poorly drained organic soil underlain by sandy material at depths of 16 to 50 inches. Permeability is moderately slow to moderately rapid in the upper part of the soil and rapid in the lower part. Available water capacity is high. Runoff is very slow or ponded. The seasonal high water table is near or above the surface from early fall to late spring.

31B - Metea Loamy Sand, 0 To 6 Percent Slopes

Metea (Menominee). This is a well drained sandy soil, underlain by loamy materials at depths of 20 to 40 inches. Permeability is rapid in the upper part and moderately slow in the lower part. Available water capacity is moderate. Surface runoff is slow or medium depending on slope. Natural fertility is slow.

31C - Metea Loamy Sand, 6 To 12 Percent Slopes

Metea (Menominee). This is a well drained sandy soil, underlain by loamy materials at depths of 20 to 40 inches. Permeability is rapid in the upper part and moderately slow in the lower part. Available water capacity is moderate. Surface runoff is slow or medium depending on slope. Natural fertility is slow.

32B - Blount Loam, 0 To 4 Percent Slopes

Blount. This is a somewhat poorly drained clayey soil. Permeability is slow. Available water capacity is high. Runoff is slow to medium depending on slope. It has a seasonal high water table from 1.0 to 3.0 feet below the surface from fall through spring. Natural fertility is high.

33 - Lenawee Silty Clay Loam

Lenawee. This is a very poorly drained, clayey soil. Permeability is moderately slow and the available water capacity is high. Runoff is very slow or ponded. The seasonally high water table is at or above the surface from September to June. Natural fertility is high.

34B - Kibbie Fine Sandy Loam, 0 To 4 Percent Slopes

Kibbie. This is a somewhat poorly drained loamy soil underlain by stratified silt loam to fine sand sediments at depths of 20 to 40 inches. Permeability is moderate, and the available water capacity is moderate. Surface runoff is slow. This soil has a seasonal high water table from 1 to 2 feet below the surface from November to May. Natural fertility is medium.

Nontechnical Soil Descriptions--Continued

35A - Thetford Loamy Fine Sand, 0 To 3 Percent Slopes

Thetford (Otisco). This is a somewhat poorly drained sandy soil. Permeability is moderately rapid. Available water capacity is low. Runoff is very slow or slow. The seasonal high water table is at a depth of 1 to 2 feet from winter to late spring. Natural fertility is low.

36A - Metamora Sandy Loam, 0 To 3 Percent Slopes

Metamora (Belding). This is a somewhat poorly drained loamy soil underlain by calcareous loamy till at depths of 20 to 40 inches. Permeability is moderately rapid in the upper part of the soil and is moderately slow in the lower part. Available water capacity is moderate. Surface runoff is slow. This soil has a seasonal high water table at a depth of .5 to 1.5 feet below the surface from November to May. Natural fertility is medium.

38 - Napoleon Muck

Napoleon. (Spaulding-Greenwood Peats) This is a very poorly drained, acid organic soil. Permeability is moderate or moderately rapid and the available water capacity is high. Surface runoff is very slow or ponded. This soil has a seasonally high water table at or above the surface from early fall to late spring. Natural fertility is low.

39 - Granby Loamy Sand

Granby (Deford). This is a poorly drained sandy soil. Permeability is rapid and the available water capacity is low. Surface runoff is very slow or ponded. The seasonal high water table is near or above the surface from late fall to early spring. Natural fertility is medium.

40B - Udorthents, Loamy, Nearly Level

Udorthents. This is a well drained to somewhat poorly drained soil unit. Udorthents vary greatly in texture and drainage. The original soil material has been removed or has been covered with fill.

40C - Udorthents, Loamy, Rolling

Udorthents. This is a well drained to somewhat poorly drained soil unit. Udorthents vary greatly in texture and drainage. The original soil material has been removed or has been covered with fill.

41B - Aquents, Sandy, Loamy, Undulating

Aquents, sandy and loamy. These nearly level, poorly drained soils are in borrow areas and low areas where the landscape has been greatly altered by leveling.

43 - Sloan-Marlette Association

Sloan. This is a very poorly drained loamy soil found in alluvial areas. Permeability is slow or moderate and the available water capacity is high. Surface runoff is slow or very slow. This soil has a seasonal high water table at or near the surface from November to June. Natural fertility is high.

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

44B - Riddles Sandy Loam, 1 To 6 Percent Slopes

Riddles. This is a well drained loamy soil. Permeability is moderate or moderately rapid. The available water capacity is high and runoff can range from slow to rapid depending on slope. Fertility is medium.

Nontechnical Soil Descriptions--Continued

44C - Riddles Sandy Loam, 6 To 12 Percent Slopes

Riddles. This is a well drained loamy soil. Permeability is moderate or moderately rapid. The available water capacity is high and runoff can range from slow to rapid depending on slope. Fertility is medium.

44D - Riddles Sandy Loam, 12 To 18 Percent Slopes

Riddles. This is a well drained loamy soil. Permeability is moderate or moderately rapid. The available water capacity is high and runoff can range from slow to rapid depending on slope. Fertility is medium.

45B - Arkport Loamy Fine Sand, 2 To 6 Percent Slopes

Arkport (Alcona). This well drained, sandy soil has bands of loamy fine sand, loamy very fine sand, or fine sandy loam in the subsoil. Accumulated thickness of the bands is greater than 6 inches. Permeability is moderately rapid and the available water capacity is moderate. Surface runoff is slow to rapid depending on slope. Natural fertility is low.

45C - Arkport Loamy Fine Sand, 6 To 12 Percent Slopes

Arkport (Alcona). This well drained, sandy soil has bands of loamy fine sand, loamy very fine sand, or fine sandy loam in the subsoil. Accumulated thickness of the bands is greater than 6 inches. Permeability is moderately rapid and the available water capacity is moderate. Surface runoff is slow to rapid depending on slope. Natural fertility is low.

45D - Arkport Loamy Fine Sand, 12 To 25 Percent Slopes

Arkport (Alcona). This well drained, sandy soil has bands of loamy fine sand, loamy very fine sand, or fine sandy loam in the subsoil. Accumulated thickness of the bands is greater than 6 inches. Permeability is moderately rapid and the available water capacity is moderate. Surface runoff is slow to rapid depending on slope. Natural fertility is low.

47B - Fox-Riddles Sandy Loams, 1 To 6 Percent Slopes

Riddles. This is a well drained loamy soil. Permeability is moderate or moderately rapid. The available water capacity is high and runoff can range from slow to rapid depending on slope. Fertility is medium.

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.

47C - Fox-Riddles Sandy Loams, 6 To 12 Percent Slopes

Riddles. This is a well drained loamy soil. Permeability is moderate or moderately rapid. The available water capacity is high and runoff can range from slow to rapid depending on slope. Fertility is medium.

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.

48 - Gilford Sandy Loam

Gilford (Epoufette). This is a very poorly drained loamy soil, underlain by sandy material at a depth of 20 to 40 inches. Permeability is moderately rapid in the upper part of the soil and very rapid in the lower part. Available water capacity is moderate. Runoff is very slow or ponded. It has a seasonal high water table near or above the surface from fall to spring.

Nontechnical Soil Descriptions--Continued

49 - Cohoctah Fine Sandy Loam

Cohoctah. This is a level, very poorly drained, loamy soil. Permeability is moderately rapid in the upper part of the soil and very rapid in the lower part. Available water capacity is moderate. Runoff is very slow or ponded. The seasonally high water table is at or near the surface from early fall to spring. Areas of this soil are frequently flooded. Natural fertility is high.

50B - Udipsamments, Undulating

Udipsamments. These are excessively drained to somewhat poorly drained soils from which the original soil material has been removed or covered with fill.

50D - Udipsamments, Rolling To Steep

Udipsamments. These are excessively drained to somewhat poorly drained soils from which the original soil material has been removed or covered with fill.

51B - Leoni Gravelly Sandy Loam, 1 To 6 Percent Slopes

Leoni (Fox Cobbly). This well drained, loamy soil is gravelly throughout and is underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderate in the upper part and moderately rapid or rapid in the lower part. The available water capacity is low. Surface runoff is medium to very rapid depending on slope. Natural fertility is low.

51C - Leoni Gravelly Sandy Loam, 6 To 12 Percent Slopes

Leoni (Fox Cobbly). This well drained, loamy soil is gravelly throughout and is underlain by gravelly sand at depths of 20 to 40 inches. Permeability is moderate in the upper part and moderately rapid or rapid in the lower part. The available water capacity is low. Surface runoff is medium to very rapid depending on slope. Natural fertility is low.

52A - Selfridge Loamy Sand, 0 To 3 Percent Slopes

Selfridge. This is a somewhat poorly drained sandy soil, underlain by loamy material at depths of 20 to 40 inches. Permeability is rapid in the upper part and moderately slow in the lower part. The available water capacity is moderate. Surface runoff is very slow. This soil has a perched seasonal high water table from 1 to 2 feet below the surface from November to May. Natural fertility is low.

53A - Tedrow Loamy Sand, 0 To 3 Percent Slopes

Tedrow (Wainola). This is a somewhat poorly drained sandy soil. Permeability is rapid and the available water capacity is low. Surface runoff is slow. This soil has a seasonal high water table from 1 to 2 feet below the surface from January to April. Natural fertility is low.

54A - Matherton Sandy Loam, 0 To 3 Percent Slopes

Matherton (Palo, McGregor). This is a somewhat poorly drained, loamy soil underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the upper part of the soil and rapid or very rapid in the lower part. The available water capacity is moderate. Surface runoff is slow. The seasonally high water table is at a depth of 1 to 2 feet from fall to late spring. Natural fertility is medium.

56A - Urban Land-Blount-Lenawee Complex, 0 To 3 Percent Slopes

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

Blount. This is a somewhat poorly drained clayey soil. Permeability is slow. Available water capacity is high. Runoff is slow to medium depending on slope. It has a seasonal high water table from 1.0 to 3.0 feet below the surface from fall through spring. Natural fertility is high.

Lenawee. This is a very poorly drained, clayey soil. Permeability is moderately slow and the available water capacity is high. Runoff is very slow or ponded. The seasonally high water table is at or above the surface from September to June. Natural fertility is high.

Nontechnical Soil Descriptions--Continued

59 - Urban Land

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

60B - Urban Land-Marlette Complex, 0 To 8 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

60C - Urban Land-Marlette Complex, 8 To 15 Percent Slopes

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

60D - Urban Land-Marlette Complex, 15 To 25 Percent Slopes

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

Marlette (Celina). This is a well drained or moderately well drained loamy soil. Permeability is moderate or moderately slow, and the available water capacity is high. Surface runoff ranges from medium to very rapid depending on slope. Moderately well drained areas of this soil have a seasonal high water table at a depth of 2.5 to 6.0 feet below the surface from December to April. Natural fertility is medium.

61A - Urban Land-Capac Complex, 0 To 3 Percent Slopes

Capac. This is a somewhat poorly drained loamy soil. Permeability is moderate or moderately slow. Available water capacity is high. Runoff is slow or medium depending on slope. This soil has a seasonal high water table from 1 to 2 feet below the surface from November to May. Natural fertility is medium.

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

62B - Urban Land-Spinks Complex, 0 To 8 Percent Slopes

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

Spinks (Montcalm). This is a well drained, sandy soil. Permeability is rapid. Available water capacity is low. Runoff is very slow to medium. Natural fertility is low.

62C - Urban Land-Spinks Complex, 8 To 15 Percent Slopes

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

Spinks (Montcalm). This is a well drained, sandy soil. Permeability is rapid. Available water capacity is low. Runoff is very slow to medium. Natural fertility is low.

63A - Urban Land-Thetford Complex, 0 To 3 Percent Slopes

Urban Land. Urban land is covered by streets, parking lots, buildings and other structures that so obscure or alter the soils that identification of the soils is not feasible.

Thetford (Otisco). This is a somewhat poorly drained sandy soil. Permeability is moderately rapid. Available water capacity is low. Runoff is very slow or slow. The seasonal high water table is at a depth of 1 to 2 feet from winter to late spring. Natural fertility is low.

Nontechnical Soil Descriptions--Continued

67B - Ormas Loamy Sand, 0 To 6 Percent Slopes

Ormas. This well drained, loamy soil has gravelly sand at a depth of 40 to 60 inches. Permeability is moderately rapid in the surface layer and subsoil and very rapid in the gravelly sand. Available water capacity is moderate. Surface runoff is slow or medium. Natural fertility is medium.

67C - Ormas Loamy Sand, 6 To 12 Percent Slopes

Ormas. This well drained, loamy soil has gravelly sand at a depth of 40 to 60 inches. Permeability is moderately rapid in the surface layer and subsoil and very rapid in the gravelly sand. Available water capacity is moderate. Surface runoff is slow or medium. Natural fertility is medium.

68 - Cohoctah-Fox Association

Fox. (Newago) Fox soils are loamy and underlain by sandy material at depths of 20 to 40 inches. Permeability is moderate in the loamy part of the Fox soil and very rapid in the sandy part. The available water capacity is moderate and surface runoff is very slow to rapid depending on slope. Natural fertility is low.
Cohoctah. This is a level, very poorly drained, loamy soil. Permeability is moderately rapid in the upper part of the soil and very rapid in the lower part. Available water capacity is moderate. Runoff is very slow or ponded. The seasonally high water table is at or near the surface from early fall to spring. Areas of this soil are frequently flooded. Natural fertility is high.

69 - Thomas Muck

Thomas. This is a very poorly drained loamy soil with a muck surface of 8 to 15 inches thick. The permeability is moderate in the upper part of the soil and slow or moderately slow in the lower part. The available water capacity is high. Runoff is very slow or ponded. This soil has a seasonal high water table at or above the surface from November to June. The natural fertility is high.