



New Jersey Important Farmlands Inventory Soils of Statewide Importance

Farmlands of statewide importance include those soils in land capability Class II and III that do not meet the criteria as Prime Farmland, these soils are nearly Prime Farmland and economically produce high yields of crops when treated and managed according to acceptable farming methods, Some may produce yields as high as Prime Farmland if conditions are favorable.

Abbottstown

Silt loam, 0-2% slopes (AbA)

Silt loam, 2-6% slopes (AbB)

Albia

Gravelly loam, 3-8% slopes (AIB)

Gravelly loam, 8-15% slopes (AIC)

Amwell

Gravelly loam, 2-6% slopes (AmB)

Gravelly loam, 6-12% slopes (AmC)

Gravelly silt loam, rock substratum, 2-6% slopes (AnB)

Gravelly silt loam, rock substratum, 6-12% slopes (AnC)

Silt loam, 3-8% slopes (AmB)

Annandale

Gravelly loam, 8-15% slopes (AnC)

Gravelly loam, 8-15% slopes, eroded (AnC2)

Annandale and Edneyville gravelly loams, 8-15% slopes (ApC)

Arendtsville

Gravelly loam, 6-12% slopes (ArC)

Athol

Gravelly loam, 6-12% slopes, eroded (AtC2)

Aura

Sandy loam, 5-10% slopes, eroded (ArC2)

Gravelly sandy loam, 5-10% slopes, eroded (AqC2)

Sandy loam, moderately firm, 5-10% slopes (AfC)

Aura - Sassafras loamy sands, 5-10% slopes (AsC)

Aura - Sassafras sandy loams, 5-10% slopes (AuC)

Aura Ironstone Variant

Loamy sand, 0-5% slopes (AvB)

Bartley

Loam, 3-15% slopes (BaC)

Gravelly loam, 8-15% slopes (BbC)

Stony loam, 3-8% slopes (BdB)

Bath

Loam, 8-15% slopes (BaC)

Gravelly loam, 8-15% slopes (BfC)

Bayboro (drained)

Loam (Ba)

Bedington

Shaly silt loam, 6-12% slopes, eroded (BaC2)

Berks

Shaly loam, 2-6% slopes (BbB)

Shaly loam, 6-12% slopes, eroded (BbC2)

Birdsboro

Loam, 6-12% slopes, eroded (BbC2)

Silt loam, 6-12% slopes (BdC)

Silt loam, 6-12% slopes, eroded (BdC2)

Birdsboro Soils, Sandy Subsoils Variants

6-12% slopes (BnC)

Boonton

Loam, 5-10% slopes (BoC)

Loam, 10-15% (BoD)

Gravelly loam, 8-15% slopes (BoC)

Bowmansville (drained)

Silt loam (Bt)

Bucks

Silt loam, 6-12% slopes (BuC)

Silt loam, 6-12% slopes, eroded (BuC2)

Califon

Loam, 8-15% slopes (CaC)

Gravelly loam, 8-15% slopes, eroded (CbC2)

Chalfont

Silt loam, 0-2% slopes (ChA, CdA)

Silt loam, 2-6% slopes (CdB)

Silt loam, 2-5% slopes (ChB)

Silt loam, 2-6% slopes, eroded (CdB2)

Silt loam, 6-12% slopes (CdC)

Silt loam, 6-12% slopes, eroded (CdC2)

Chalfont - Quakertown silt loams, 0-6% slopes (CgB)

Chenango

Gravelly fine sandy loam, 3-8% slopes (ChB)

Silt loam, 3-8% slopes (CkB)

Silt loam, 8-15% slopes (CkC)

Collington

Loamy sand, 5-10% slopes (CmC)
Sandy loam, 5-10% slopes, eroded (CnC2)
Sandy loam, 5-10% slopes (CnC)
Fine sandy loam, 5-10% slopes (CoC. CnC)

Colonie

Loamy fine sand, 3-8% slopes (CoB)

Colts Neck

Sandy loam, 5-10% slopes (CtC)
Sandy loam, 5-10% slopes, eroded (CtC2)
Soils, 5-10% slopes (CoC)

Croton (drained)

Silt loam, 0-2% slopes (CrA)
Silt loam, 2-6% slopes (CrB)

Downer

Loamy sand, 0-2% slopes (DOA)
Loamy sand, 0-3% slopes (DoA)
Loamy sand, 0-5% slopes (DoA. DnA, DoB)
Loamy sand, 2-5% slopes (DoB)
Loamy sand, 5-10% slopes (DoC. DnC)
Loamy sand, loamy substratum, 0-2% slopes (DrA)
Loamy sand, gravelly substratum, 0-5% slopes (DpB)
Loamy sand, clayey substratum, 0-5% slopes (DrA)
Loamy sand, water table, 0-2% slopes (DpA)
Sandy loam, gravelly substratum, 0-5% slopes (DsB)
Gravelly sandy loam, gravelly substratum, 2-5% slopes (DrB)
Soils, 5-10% slopes (DtC)
Downer - Aura complex, 5-10% slopes (DxC)
Downer-Sassafras loamy sands, 0-5% slopes (DuB)

Duffield

Silt loam, 6-12% slopes, eroded (DuC2)

Dunellen

Sandy loam, 6-12% slopes (DnC)
Loam, 8-15% slopes (DuC)

Edneyville

Gravelly loam, 8-15% slopes (EdC)
Gravelly loam, 8-15% slopes, eroded (EdC2)

Elkton (drained)

Loam (Ek, En)
Silt loam (Ek)
Silt loam, 2-5% slopes (EkB)
Elkton - Bayboro sandy loams, 0-2% slopes (EIA)
Elkton - Bayboro silt loams, 0-2% slopes (EnA)

Ellington Variant

Fine sandy loam, loamy subsoil variant, 8-15% slopes (EIC)

Fallsington (drained)

Sandy loam (Fd, Fa)

Sandy loam, 0-3% slopes (FdA)

Fine sandy loam (Fa)

Fine sandy loam, clayey substratum (Fc)

Loam (Fb, Fa)

Fallsington - Othello complex, 0-2% slopes (FeA)

Fallsington - Pocomoke - Berryland complex (Fp)

Fort Mott

Sand, 0-5% slopes (FrA, FrB)

Loamy sand, 0-5% slopes (FrB, FrA)

Freehold

Loamy sand, 5-10% slopes (FhC, FnC)

Loamy fine sand, 5-10% slopes (FhC)

Sandy loam, 5-10% slopes (FrC, FoC)

Sandy loam, 5-10% slopes, eroded (FrC2)

Fine sandy loam, 5-10% slopes (FfC)

Freehold Thick Surface Variant

Sand, 0-5% (FnB)

Sand, 0-10% (FnB)

Haledon

Silt loam, 8-15% slopes (HaC)

Hammonton

Loamy sand, 8-15% slopes (HbC)

Loamy sand, slopes (HaA)

Loamy sand, clayey substratum, 0-2% slopes (HcA)

Loamy sand, clayey substratum, 0-3% slopes (H1A)

Hazen

Loam, 8-15% slopes (HbC)

Cobbly loam, 3-8% slopes (HcB)

Gravelly loam, 8-15% slopes (HfC)

Hazleton

Channery loam, 2-6% slopes (HaB)

Channery loam, 6-12% slopes, eroded (HaC2)

Hibernia

Gravelly loam, 3-8% slopes (HmB)

Hoosic

Gravelly loam, 3-8% (HoB)

Keyport

Sandy loam, 5-10% slopes (KeC)
Loam, 5-10% slopes (KlC, KfC)
Loam, 5-10% slopes, eroded (KlC2)
Soils, 5-10% slopes, eroded (KpC2)

Klej

Sand, 0-4% slopes (KmA)
Sand, loamy substratum, 0-2% slopes (KnA)
Fine sand, 0-2% slopes (KoA)
Loamy sand, 0-2% slopes (KmA)
Loamy sand, 0-3% slopes (KlA, KmA)
Loamy sand, clayey substratum, 0-3% slopes (KmA. KnA)
Loamy sand, clayey substratum, 0-5% slopes (KmB)
Klej - Woodstown - Galestown loamy sands, 0-3% slopes (KnA)
Soils, sandy loam subsoil variant (Km)

Kresson (drained)

Loamy sand, 0-3% slopes (KwA, KlA)
Loam, 0-3% slopes (KyA)
Fine sandy loam, 0-3% slopes (KxA, KrA)
Sandy loam, 0-3% slopes (KrA)
Loam, 0-5% slopes (KvA)
Sandy loam, 0-5% slopes (KrB)

Lansdale

Loam, 6-12% slopes, eroded (LaC2)
Channery loam, 6-12% slopes, eroded (LcC2)

Lansdowne

Silt loam, 0-2% slopes (LnA, LbA)
Silt loam, 0-6% slopes (LbB)
Silt loam, 2-6% slopes (LbB)
Silt loam, 2-5% slopes (LnB)

Lawrenceville

Silt loam, 6-12% slopes (LeC)
Silt loam, 6-12% slopes, eroded (LeC2)
Lawrenceville and Mount Lucas silt loams, 6-12% slopes, eroded (LeC2)

Legore

Gravelly loam, 6-12% slopes (LgC)

Lehigh

Silt loam, 0-6% slopes (LhB)
Silt loam, 2-6% slopes (LhB)
Silt loam, 6-15% slopes (LhC)
Silt loam, 2-6% slopes, eroded (LhB2)
Silt loam, 6-12% slopes, eroded (LhC2)

Lenoir - Keyport

Loams, 0-5%, slopes (LkA)

Silt loams, (Lk)

Silt loams, 0-2% slopes (LkA)

Marlton

Sandy loam, 5-10% slopes (MbC. MrC)

Soils, 5-10% slopes (MrC)

Soils, 5-10% slopes, eroded (MrC2)

Matapeake

Loam, 5-10% slopes, eroded (MoC2)

Silt loam, 5-10% slopes (MoC)

Silt loam, 5-10% slopes, eroded (MoC2)

Mattapex

Silt loam, 5-10% slopes (MqC)

Silt loam, clayey substratum, 5-10% slopes (MsC)

Mattapex and Bertie loams (Mq)

Meckesville

Gravelly loam, 6-12% slopes, eroded (MeC2)

Gravelly loam, 6-12% slopes, (MeC)

Minoa (drained)

Silt loam, 0-3% slopes (MIA)

Silt loam, 3-8% slopes (MIB)

Mount Lucas

Gravelly silt loam, 6-12% slopes (MpC)

Mullica (drained)

Fine sandy loam, loamy substratum (Mr)

Sandy loam (Mu)

Neshaminy

Silt loam, 6-12% slopes (NeC)

Silt loam, 6-12% slopes, eroded (NeC2)

Gravelly silt loam, 8-15% slopes (NeC)

Neshaminy Fragipan Variant

Silt loam, 6-12% slopes (NMC)

Netcong

Gravelly sandy loam, 8-15% slopes (NtC)

Norton

Loam, 6-12% slopes (NoC)

Loam, 6-12% slopes, eroded (NoC2)

Othello (drained)

Silt loam (Ot)

Silt loam, 0-3% slopes (OtA)

Parker

Gravelly sandy loam, 3-15% slopes (PaC)

Pasquotank (drained)

Fine sandy loam (Pa)

Pattenburg

Gravelly loam, 6-12% slopes (PIC)

Gravelly loam, 8-15% slopes (PIC)

Gravelly loam, 6-12% slopes, eroded (PbC2)

Pemberton

Loamy sand, 0-3% slopes (PeA)

Loamy sand, 0-5% slopes (PeA)

Sand, 0-5% slopes, (PbA, PeA)

Sand, thick surface, 0-5% slopes (PcA)

Penn

Silt loam, 6-12% slopes (PmC)

Shaly silt loam, 6-12% slopes (PnC, PeC)

Shaly silt loam, 6-12% slopes, eroded (PeC2)

Penn - Bucks complex, 6-12% slopes, eroded (Pfc2)

Shaly silt loam, 8-15% slopes (PnC)

Plummer (drained)

Sandy loam (Pu)

Pocomoke (drained)

Sandy loam (Ps, Po)

Loam (Po)

Fine sandy loam (Pv)

Pocomoke - Berryland loamy sands (Pr)

Portsmouth (drained)

Silt loam, thin surface variant (Pw)

Quakertown

Silt loam, 2-12% slopes (QkC)

Silt loam, 6-12% slopes (QkC)

Silt loam, 6-12% slopes, eroded (QkC2)

Channery silt loam, 6-12% slopes (QuC)

Channery silt loam, 6-12% slopes, eroded (QuC2)

Quakertown - Chalfont

Silt loams, 6-12% slopes, eroded (Q1C2)

Raynham (drained)

Silt loam, 0-5% slopes (RaB)

Readington

Silt loam, 6-12% slopes, eroded (RcC2)

Readington and Abbottstown silt loams, 6-12% slopes, eroded (RaC2)

Reaville

Silt loam, 0-2% slopes (ReA)

Silt loam, 2-5% slopes (ReB)

Silt loam, 2-6% slopes (ReB)

Silt loam, 2-6% slopes, eroded (ReB2)

Silt loam, 6-12% slopes, eroded (ReC2)

Shaly silt loam, deep variant, 0-5% slopes (ReB)

Riverhead

Sandy loam, 3-15% slopes (RhC)

Sandy loam, 8-15% slopes (RaC. RhC)

Gravelly sandy loam, 8-15% slopes (RmC)

Rockaway

Gravelly sandy loam, 8-15% slopes (RoC)

Gravelly loam, 8-15% slopes (RoC)

Sassafras

Loamy sand, 0-5% slopes (SfB)

Loamy sand, 5-10% slopes (SfC)

Sandy loam, 5-10% slopes (SaC, SrC)

Sandy loam, 5-10% slopes, eroded (SrC2)

Gravelly sandy loam, 5-10% slopes (SgC)

Gravelly sandy loam, 5-10% slopes, eroded (SgC2)

fine sandy loam, 5-10% slopes (SgC)

Sassafras - Galestown - Woodstown loamy sands, 0-5% slopes (SwB)

Soils, 10-15% slopes (SsD)

Sandy loam, gently undulating (SrC)

Shrewsbury (drained)

Fine sandy loam (Sn. Sw, Sh)

Fine sandy loam, clayey substratum (So)

Loam (Sp)

Sandy loam (Sn)

Sandy loam, 0-2% slopes (SrA)

Swartswood

Gravelly loam, 8-15% slopes (SwC)

Tinton

Loamy sand, 0-5% slopes (TnB, ToA)

Loamy sand, 2-5% slopes (TnB)

Loamy sand, 5-10% slopes (ToC)

Sand, thick surface, 0-5% slopes (TtB)

Sand, 0-5% slopes (TsB, TnB)

Sand, 5-10% slopes (TsC)

Unadille

Very fine sandy loam, 3-8% slopes (UnB)

Valois

Shaly loam, 8-15% slopes (VaC)

Venango

Gravelly loam, 3-8% slopes (VnB)

Gravelly loam, 8-15% slopes (VnC)

Silt loam, 0-3% slopes (VeA)

Washington

Loam, 8-15% slopes (WhC)

Gravelly loam, 8-15% slopes (WgC)

Washington - Wassaic complex, 3-15% slopes (WIC)

Loam, 8-15% slopes, eroded (WaC2)

Loam, 6-12% slopes, eroded (WaC2)

Wassaic

Silt loam, 3-15% slopes (WmC)

Weeksville (drained)

Fine sandy loam (Wd)

Westphalia

Loamy fine sand, 5-10% slopes (WfC)

Soils, 5-10% slopes (WhC)

Wethersfield

Gravelly loam, 8-15% slopes (WeC)

Woodstown

Loamy sand, 0-2% slopes (WkA)

Loamy sand, 0-5% slopes (WkB)

Loamy sand, loamy substratum, 0-2% slopes (WIA)

Loamy sand, clayey substratum, 0-5% slopes (WIB)

Sandy loam, 5-10% slopes (WmC)

Woodstown - Fallsington sandy loams, gently undulating (WfB)

Woodstown - Fallsington - Klej complex, 0-3% slopes (WtA)

Woodstown and Klej loamy sands, 0-3% slopes (WtA)

Woodstown and Klej loamy sands, 0-5% slopes (WtB)

Woodstown and Klej loamy clayey substratum, 0-3% slopes (WuA)

Woodstown - Klej - Sassafras loamy sands, 0-3% slopes (WwA)

Wooster

Loam, 8-15% slopes (WsC)

Wurtsboro

Gravelly loam, 8-15% slopes (WtC)