

# DOWNER -- NEW JERSEY STATE SOIL



## Downer Soil Profile

Surface layer: dark grayish brown loamy sand  
Subsurface layer: grayish brown sandy loam  
Subsoil - upper: yellowish brown gravelly sandy loam  
Subsoil - lower: yellowish brown sand and coarse sand

Downer soils are used mostly as woodland. The natural vegetation consists of mixed oaks, hickory, and scattered pines. Some areas are cultivated for high-value vegetable and fruit crops that are usually irrigated. Downer soils occur on 291,319 acres in New Jersey. These soils are dominantly in the 11 counties of southern New Jersey.

Downer soils are on uplands and formed in sandy, highly quartzose Northern Atlantic Coastal Plain deposits. They have medium natural fertility and require fertilization for maximum crop production. The Downer series was established in Gloucester County, New Jersey, in 1960.



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