



Conservation Practice Overview

Deep Tillage (Code 324)

Performing tillage operations below the normal tillage depth to modify adverse physical or chemical properties of a soil.

Practice Information

This practice applies to land having adverse soil conditions which inhibit plant growth, such as compacted layers formed by field operations, restrictive layers such as cemented hardpans (duripan) in the root zone, or overwash or deposits from wind and water erosion or flooding. Deep tillage operations will be performed when soil moisture is less than 30–50 percent of field capacity, according to the “feel test” or other acceptable method, at the maximum depth to which the tillage will be done.



Common Associated Practices

NRCS Conservation Practice Standard (CPS) Deep Tillage (Code 324) is commonly applied with CPSs such as Conservation Crop Rotation (Code 328), Contour Farming (Code 330), Cover Crop (Code 340), Residue and Tillage Management, No Till (Code 329), and Residue and Tillage Management, Reduced Till (Code 345).

For further information, contact your local NRCS field office.