



Conservation Practice Overview

Row Arrangement (Code 557)

Row arrangement is a system of crop rows established on planned grades and lengths for erosion control and/or water management.

Practice Information

The purpose of this practice is to establish rows in the appropriate direction, grade, and length to provide adequate drainage, reduce erosion, control runoff water, and permit optimum use of rainfall and irrigation water.



Row arrangement uses furrows to slow runoff and allow more moisture to infiltrate the soil. Arranging rows on the contour can increase erosion if the rainfall amount exceeds the ability of the contours to control runoff. Therefore, this practice is usually planned in conjunction with other supporting practices that are needed in the event runoff exceeds the carrying capacity of the contours.

State and local standards will specify requirements for row alignment when applied with or without common associated practices.

Row arrangement requires maintenance over the expected life of the practice.

Common Associated Practices

NRCS Conservation Practice Standard (CPS) Row Arrangement (Code 557) is commonly applied with other NRCS CPSs, such as Grassed Waterway (Code 412), Underground Outlet (Code 620), Lined Waterway or Outlet (Code 468), Terrace (Code 600), and Diversion (Code 362).

For further information, contact your local NRCS field office.