

Conservation Practice Standard Overview

Irrigation Ditch Lining (428)

Irrigation ditch lining for a ditch or canal is installed in an existing or newly constructed irrigation field ditch, canal, or lateral using an impervious material or chemical treatment.

Practice Information

An irrigation ditch lining practice may be applied as part of a resource management system to achieve improved conveyance of irrigation water, prevent water logging of land, maintain water quality, prevent erosion, reduce water loss, and reduce energy use.

This practice applies to constructed ditches that are subject to erosion or excessive seepage and are integral parts of an irrigation water distribution or conveyance system.

An irrigation ditch lining practice applies where water supplies and irrigation deliveries for the area served are sufficient to make irrigation practical for the crops to be grown and the irrigation water application methods to be used.

This practice does not apply to natural streams.

An irrigation ditch lining will require maintenance over the expected life of the practice.



Common Associated Practices

An Irrigation Ditch Lining (428) is commonly applied with conservation practices such as Irrigation Water Management (449), Irrigation Systems, Micro-Irrigation (441), Sprinkler (442), Surface & Subsurface (443), Irrigation Storage Reservoir (436), Water Well (642), Structure for Water Control (587), and Irrigation Canal or Lining (320).

For further information, contact your local NRCS field office.