

Conservation Crop Rotation – 328 DESIGN AND INSTALLATION GUIDE

This practice shall be planned and installed in accordance with the NRCS standard, as detailed in Section IV of the North Dakota Field Office Technical Guide. This document provides conservation planners with additional parameters, procedures, and requirements for developing site-specific specifications for the design and installation of this practice.

DESIGN PROCEDURES

Determine Adequacy of Residue Production and Management

Select a crop sequence and any other essential conservation practice(s) resulting in predicted average annual wind erosion and water erosion rates below soil loss tolerance (T) for the design soil selected for the field. Soil loss tolerances are found in FOTG Section II. Calculate predicted erosion rates for the planned crop rotation, using data and instructions in the local FOTG Section I - Erosion Prediction sub-section. Other essential practices may include one or more of the following:

- Residue Management, Seasonal - 344
- Residue Management, Mulch Till - 329B
- Residue Management, No Till and Strip Till - 329A
- Residue Management, Ridge Till - 329C
- Cover & Green Manure Crop - 340
- Windbreak- 380
- Stripcropping practices
- Terrace - 600
- Diversion - 362

To Manage Plant Pests

If control of weeds, insects, and diseases is a goal, select a crop sequence and associated management techniques in accordance with Pest Management (595).