



STRIPCROPPING

DEFINITION

Growing planned rotations of erosion resistant and erosion susceptible crops or fallows in a systematic arrangement of strips across a field.

PURPOSE

This practice is used on cropland to:

- » Reduce water erosion,
- » Reduce wind erosion,
- » Reduce the transport of sediment and other water and wind borne contaminants, and
- » Protect growing crops from damage by wind borne soil particles.



PLANNING REQUIREMENTS

This practice is used on cropland and certain recreation and wildlife lands where field crops are grown.

The crops are arranged so that a strip of grass or close-growing crop is alternated with a row crop that has less protective cover.

Generally, the strip widths are equal across the field and on sloping land where sheet and rill erosion are a concern and the strips are laid out on the contour or across the general slope.

Where wind erosion is a concern, the strips are laid out as close to perpendicular as possible to the prevailing erosive wind direction.

OPERATION AND MAINTENANCE

Sediment accumulations along strip edges shall be smoothed or removed and distributed over the field as necessary to maintain practice effectiveness.

Mow sod turn-strips at least once a year.

Erosion-resistant strips in rotation shall be managed to maintain the planned vegetative cover and surface roughness.

PLANS AND SPECIFICATIONS

Specifications for establishment and operation of this practice shall be prepared for each field according to the following criteria identified below. The plans shall include:

- » Landowner objectives;
- » The percent land slope and slope length (L) used to plan the practice;
- » The minimum and maximum allowable row grades for the strip-cropping system;
- » An estimate of before and after soil loss;
- » The design width of strips and actual width of strips as installed;
- » The farm equipment type and width utilized to adjust the strip width;
- » A sketch, plan map, and photograph of the field showing:
 - » The approximate location of the key line(s) used to establish the system,
 - » The location of stable outlets and outlets needing treatment identified during the design of the strip-cropping system, and
 - » The location of all existing or planned supporting conservation practices needed to control surface water runoff.

Design Factors	Field No.:	Field No.:	Field No.:	Field No.:	Field No.:
Design soil map unit					
Strip widths (ft.)					
Number of Strips					
Veg. cover (strip 1)					
(strip 2)					
Critical slope length (ft.)					
Minimum row grade (%)					
Maximum row grade (%)					
Water erosion (T/A/Y) ¹					
Wind erosion (T/A/Y) ¹					
Vegetative cover planned					

¹ Attach erosion prediction documentation

STRIPCROPPING

Client Name: _____

Planner Name: _____

Practice Purpose: _____

PLANNED PRACTICE LOCATION AND EXTENT

Contract Number	Contract Identification Number (CIN)	Tract Number	Field Number(s)	Acres Contracted	Acres Planned	Actual Acres Applied (NRCS USE ONLY)

**A completed copy of this page must be submitted for a financial assistance payment to be processed.*

Notes:

Project Job Approval Class _____

Design Approval

Designed By:

Date:

Approved By:

Date:

Job Approval Authority:

Client Acceptance

I have reviewed and understand the implementation requirements and agree to complete the work accordingly. Failure to meet these plans and specifications may jeopardize any continued NRCS technical assistance or program cost sharing applied for. I understand that it is my responsibility to secure all necessary permits and licenses, and to complete the work in accordance with all local, state, and federal laws. Modification of these implementation requirements must be approved by the NRCS before installation. I assume all responsibility for negotiations and contract agreements with contractors.

Signature:

Date:

Installation and Certification

The installed practice meets NRCS technical standards and specifications. The "redlined" information reflects any changes made during installation of the practice.

Printed Name:

Date:

Title:

Job Approval Authority:

Signature:

Date:

Notes:

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