

NATURAL RESOURCES CONSERVATION SERVICE
MONTANA CONSERVATION PRACTICE JOB SHEET

STRIPCROPPING (FEET)

CODE 585

| | | |
|----------------------------|-----------------------|--------------|
| Landowner | Field/Management Unit | Date |
| Legal Description | Contract Item Number | Area (Acres) |
| Job Class | | |
| Design Soil Map Unit _____ | | |

PRIMARY PURPOSE (CHECK ALL THAT APPLY):

- Reduce water erosion
- Reduce wind erosion
- Reduce transport of sediment and other water and wind borne contaminants
- Protect growing crops from damage by wind-borne soil particles
- Other _____

Location Map - Attach plan map with number of acres for individual strips and total area, soils map.

Description of Work – Include stripcropping purpose, design and layout.

Plans and Specifications – include before and after soil loss prediction from RUSLE2 and WEPS with percent residue needed, orientation of strips, location of stable outlets and sod turn-strips name and width of all farm implements used and entire crop rotation for strips.

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. Harvesting is optional.

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

If the strip alignment is lost due to adjacent strips being in hay or permanent cover, the original strip alignment and width will be re-established.

| | | |
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Table 1. Stripcropping - Design Factors

| | Field Number |
|---|--------------|--------------|--------------|--------------|--------------|
| | — | — | — | — | — |
| Soil Map Unit | | | | | |
| Crops in Current Rotation # of years _____ | | | | | |
| Critical Slope Length (ft) | | | | | |
| Minimum Row Grade (%) | | | | | |
| Maximum Row Grade (%) | | | | | |
| Water Erosion Prediction ^{1/} | Before T/A/Y | | | | |
| | After T/A/Y | | | | |
| Wind Erosion Prediction ^{1/} | Before T/A/Y | | | | |
| | After T/A/Y | | | | |
| Number of Strips | | | | | |
| Strip Widths (ft) | | | | | |
| Crops in Planned Rotation # of years _____ | | | | | |

^{1/}WEPS average annual gross soil loss must be entered into RUSLE2 'wind & water induced erosion' box and RUSLE2 'soil loss for cons. plan' must be entered into WEPS 'water erosion' box to get accurate values from both programs.

| | | |
|-------------------------|-----------------------------|--------------------|
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Table 2. Stripcropping – Crop Rotation

| Year (Enter actual year starting with beginning of rotation.) | Strip Number Crop |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Year (1) _____ | | | | | | | | |
| Year (2) _____ | | | | | | | | |
| Year (3) _____ | | | | | | | | |
| Year (4) _____ | | | | | | | | |
| Year (5) _____ | | | | | | | | |
| Year (6) _____ | | | | | | | | |
| Year (7) _____ | | | | | | | | |
| Year (8) _____ | | | | | | | | |
| Year (9) _____ | | | | | | | | |
| Year (10) _____ | | | | | | | | |

NOTE: No two adjacent strips shall be in an erosion-susceptible condition at the same time during the year. Two adjacent strips may be in erosion resistant cover at the same time.

COMMENTS:

MT585-JS4

Landowner

Field/Management Unit

APPROVALS:

NRCS Conservationist

JOB APPROVAL AUTHORITY

Date

Producer

Date

CERTIFICATION STATEMENT:

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications.

NRCS Conservationist

JOB APPROVAL AUTHORITY

Date

Date