

Soil Conditioning Index (SCI) available and used* Calculated SCI Value: _____

Notes concerning soil quality:

*SCI provides an indication of the soil condition trend based on planned management. Positive values indicate an upward trend. Negative values indicate a downward trend. The values are based on how crops and management affect soil organic matter content.

TABLE 2. DESIGN WORKSHEET FOR ESTIMATING CROP RESIDUE PRODUCED (FOR PLANNED ROTATION)

COLUMN 1 CROP	COLUMN 2 HARVEST UNITS	COLUMN 3 YIELD	COLUMN 4 LBS. RESIDUE/ UNIT YIELD	COLUMN 5 EST. LBS. RESIDUE/AC.	COLUMN 6 EST. % GROUND COVER	COLUMN 7 INSTRUCTIONS TO ESTIMATE VALUES FOR COLUMN 5 AND 6
						Multiply COLUMNS 3 x 4 to estimate total lbs. of residue available after harvest. FOTG, Section I, Erosion Prediction, Page 42, can be used to convert pounds of residue (COLUMN 5) to percent ground cover (COLUMN 6).

Notes:

Information in COLUMN 6 is used in TABLE 3 as an estimate of beginning ground cover for each crop in the rotation.

TABLE 3. DESIGN WORKSHEET FOR RESIDUE BUDGET

CROP	PREVIOUS CROP	BEGINNING RESIDUE	OPERATION	DATE	PERCENT RETAINED*	PERCENT RESIDUE LEFT

Notes:

*Montana residue retention values are listed in FOTG, Section IV, Practice Standard, Residue Management – Seasonal (Code 344).

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