EROSION CONTROL INVENTORY

Name _____ **Farm** _____ **Tract** _____ **Date** _____

Field Number	**Land Use**	**Slope** (Segments)		**Soil Map Unit**	**Cropland 'P' Factor Data**								**Pasture Data**		
					Contour	Cross slope	Ridge	Cover-Management Condition	Terrace		Contour Strips		Ground Cover %	Canopy Cover %	Stand Vigor (H/M/L)
		%	Length		Row Grade	Row Grade	Height		Outlet Type	Average Channel Grade	Type of system (buffer/stripcrop)	Number of Strips on "L"			

COMMENTS

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GULLY EROSION*

Location Map

Field Number	Gully No.	Width		Depth	Segment Length	No. of Years	Rate (T/YR)
		Top	Bottom				

GULLY EROSION FORMULA

VOIDED VOLUME:

$$\left[\text{No. of Gullies}\right] \times \left[\frac{\text{Length of Gully} \times \left[\frac{\text{Top Width} + \text{Bottom Width}}{2}\right] \times \text{Depth}}{22.22}\right] \div \left[\text{No. of Years}\right] = \text{Tons/Yr.}$$

Where: 22.22 (2000÷90)is a constant for the number of cubic feet of soil in one ton.

*Refer to Missouri Field Office Technical Guide, Section I-(IV)-A-7 for further guidance on gully erosion.