

SUBJECT: SOIL EROSION  
 CATEGORY: USLE IN RELATION TO "T" VALUE\*  
 QUALIFIERS: 1997 PASTURELAND  
 REPORTING UNIT: AREA (ACRES IN THOUSANDS)  
 GEORAPHIC AREA: MISSOURI MAJOR LAND RESOURCE AREA 116B

TABLE: SUMMARY OF SHEET AND RILL EROSION IN RELATION TO "T" VALUES ON PASTURELAND BY "T" CATEGORIES FOR MLRA 116B

	> T <= 2T	> 2T <= 3T	> 3T <= 4T	> 4T <= 5T	> 5T
acres eroding above "t"	185	52	23	18	5
% of total mlra pastureland	6%	2%	1%	1%	<1%
% of total mlra pastureland eroding above "t"	65%	18%	8%	6%	2%
% of total state pastureland	2%	<1%	<1%	<1%	<1%
% of total state pastureland eroding above "t"	18%	15%	2%	2%	<1%
% of total state pastureland in "t" category	28%	30%	29%	35%	13%

MLRA 116B TOTAL SURFACE AREA = 7769  
 TOTAL ACRES OF PASTURELAND = 3086  
 TOTAL ACRES OF PASTURELAND ERODING ABOVE "T" = 283

MISSOURI: TOTAL ACRES OF PASTURELAND = 10849  
 TOTAL ACRES OF PASTURELAND ERODING ABOVE "T" = 1007

\* USLE - Universal Soil Loss Equation. This equation estimates average annual soil loss from sheet and rill erosion. Location specific data for the field in which the NRI sample point falls or that portion of the field surrounding the point that would be considered in conservation planning are used in the NRI calculation. "T" Factor - The maximum rate of annual soil erosion that will permit crop productivity to be sustained economically and indefinitely.

DATA SOURCE: 1997 NATIONAL RESOURCES INVENTORY (REVISED DECEMBER 2000)

