

SUBJECT: SOIL EROSION
 CATEGORY: USLE – RELATION TO "T"*
 QUALIFIERS: 1997 PASTURELAND**
 REPORTING UNIT: AREA (ACRES IN THOUSANDS)
 GEOGRAPHIC AREA: MISSOURI'S MAJOR LAND RESOURCE AREAS

TABLE: MLRA'S RANKED BY TOTAL ACRES ERODING ABOVE "T"

rank	mlra	acres eroding above "t"	acres of pastureland	% of pastureland in mlra eroding above "t"	% of pastureland in state eroding above "t"
1	116A	383	3084	13%	4%
2	116B	283	3086	9%	3%
3	115	185	1168	16%	2%
4	109	69	1338	5%	1%
5	113	43	469	9%	<1%
6	112	27	830	3%	<1%
7	107	14	745	2%	<1%
8	134	2	29	7%	<1%
9	131	1	47	2%	<1%
10	108	0	89	0%	0%
STATE TOTALS		1007	10849		

* 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.

** Pastureland – A land cover/use category on land managed primarily for the production of introduced and native forage plants for livestock grazing. This includes land that has a vegetative cover of grasses, legumes, and/or forbs, regardless of whether or not it is being grazed by livestock. The vegetative cover may consist of a single species in a pure stand, a grass mixture, or a grass-legume mixture.

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

