

GUIDELINES FOR PLANNING ALTERNATIVE CONSERVATION SYSTEMS R-250

<u>SYSTEM</u>	<u>CROP SEQUENCE</u>	<u>TILLAGE OPERATIONS</u>	<u>USLE "C" VALUE</u> ^{1/}
rc	continuous soybeans	conventional till	.345
sc	continuous silage/cc	conventional till	.459
ctob	continuous tobacco/cc	conventional till	.370
rc	continuous corn	conventional till	.345
22tm	TccTMM	conventional till	.020
rm3	continuous R	30%	.189
rgr3	R-G/R	30% (3000-4000+)	.146
33c	RRMMM	conventional till	.120
22c	RRMM	conventional till	.114
23c	RRMMM	conventional till	.092
13tm	TMMM	conventional till	.090
14tm	TMMMM	conventional till	.080
22m3	RRMM	30%	.073
13c	TMMM	conventional till	.045
rgrn	R-G/R	90%	.032
rn	continuous corn	90%	.030
sn	continuous silage/cc	90%	.030
22n	RRMM	90%	.026
13m3	RMMM	30%	.030
13n	RMMM	90%	.016

2e

3e

2/

4e

^{1/} LS factors used to calculate "C" values were based on CRP slope data. Calculations based on "P" factor of 0.5. Adjust factors based on Actual Conditions.

^{2/} Maximum erosion level (tons/acre) for Capability Classes VI and VII land.

cc = cover crop

R = corn, soybeans, or grain sorghum

T = tobacco

M = meadow

G = small grain

30% = mulch tillage

90% = no-till