

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3673 F 1-3- Alternating years of corn and soybeans with both being spring plowed followed by four years of spring no-till planted alfalfa has an average soil loss rate of 0.68 T/A/yr

Inputs:

Owner name	Location	--
Ulmer	USA\Pennsylvania\Lycoming County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\Bb Barbour fine sandy loam, occasionally flooded\Barbour fine sandy loam 90%	5.0	200	3.00

Outputs:

Base management	Description	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Soil loss erod. portion, t/ac/yr	Soil detachment, t/ac/yr	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/yr
CMZ 65\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr, sp - soyb, nr; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	2.21	2.21	1.82	1.75
CMZ 65\a. Single Year/ Single Crop Templates\forage systems\alfalfa sp seed\alfalfa ss 4yr; snt z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	0.124	0.124	0.117	0.117