

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1437 F 2 & 3- One year of minimum till corn silage followed by four years of no-till spring planted alfalfa/grass mix has an average soil loss value of 1.20 T/A/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkB Leck kill channery silt loam, 3 to 8 percent slopes\Leck Kill Channery silt loam 85%	4.0	200	6.00

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\A. Single Year/ Single Crop Templates\corn silage\Corn, silage; sctw, z65		d. relative row grade 2 percent of slope grade	Strip cropping\3-strip rotational 0-3-0	(none)	5.64	5.64	5.64	5.64
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed & nurse grain\alfalfa grass ss nurgr 4yr; snt z65		d. relative row grade 2 percent of slope grade	Strip cropping\3-strip rotational 0-3-0	(none)	0.0958	0.0958	0.0874	0.0874