

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1696 F 1 & 2- One year of no-till corn silage followed by four years of no-till spring planted alfalfa/grass mix has an average soil loss value of 2.26 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\OgC Oquaga channery loam, 8 to 15 percent slopes\Oquaga channery loam 85%	3.0	200	18.0

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; nt, z65		c. perfect contouring no row grade	Strip cropping\3-strip rotational 0-3-0	(none)	10.1	10.1	10.1	10.1
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed & nurse grain\alfalfa grass ss nurgr 4yr; snt z65		c. perfect contouring no row grade	Strip cropping\3-strip rotational 0-3-0	(none)	0.312	0.312	0.295	0.295