

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1696 F 3- Rotation of one year of spring plowed corn silage and 4 years of spring no-till planted alfalfa/grass mix hay planted with a spring small grain nurse crop has an average soil loss rate of 1.14 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\WIB Wellsboro channery silt loam, 3 to 8 percent slopes\Wellsboro Channery silt loam 90%	3.0	150	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; sp, z65	Potential Erosion Continuously tilled	c. perfect contouring no row grade	(none)	(none)	5.25	5.25	5.25	5.25
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	(none)	(none)	0.118	0.118	0.118	0.118