

RUSLE2 Worksheet Erosion Calculation Record

Info: T 623 F 2- Rotation to meet "T" over the rotation is 5 years of spring plowed corn silage with fall liquid manure and 5 years of spring no-till seeded alfalfa grass. Average soil loss is 2.05 t/ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\ShA Shelmadine silt loam, 0 to 3 percent slopes\Shelmadine silt loam 90%	3.0	150	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\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	4.06	4.06	4.06	4.06
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	4.06	4.06	4.06	4.06
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	4.06	4.06	4.06	4.06

CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	4.06	4.06	4.06	4.06
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sp, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	4.06	4.06	4.06	4.06
CMZ 65\ a. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed\alfalfa grass ss 5yr; snt z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	0.0394	0.0394	0.0387	0.0387