

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3305 F 1- Rotation to meet "T" over the rotation is 5 years of spring disced corn silage with fall liquid manure and 5 years of spring no-till seeded alfalfa grass. Average soil loss is 1.93 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\DeB Dekalb channery loam, 3 to 8 percent slopes\DeKalb very channery loam 100%	2.0	150	8.00

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; sdos, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.79	3.79	3.79	3.79
CMZ 65\A. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.79	3.79	3.79	3.79
CMZ 65\A. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.79	3.79	3.79	3.79

CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.79	3.79	3.79	3.79
CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.79	3.79	3.79	3.79
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)	0.0616	0.0616	0.0612	0.0612