

RUSLE2 Worksheet Erosion Calculation Record

Info: T 409 F 2-3- Rotation to meet "T" over the rotation is 5 years of no-till corn silage with fall liquid manure and 5 years of spring no-till seeded alfalfa grass. Average soil loss is 1.55 t/ac/yr.

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>--</i>
Fogleman	USA\Pennsylvania\Lycoming County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\BeB Berks channery silt loam, 3 to 8 percent slopes\Berks channery silt loam 100%	3.0	150	8.00

Outputs:

<i>Base management</i>	<i>Description</i>	<i>Contouring</i>	<i>Strips / barriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Soil loss erod. portion, t/ac/yr</i>	<i>Soil detachment, t/ac/yr</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery, t/ac/yr</i>
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.02	3.02	3.02	3.02
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.02	3.02	3.02	3.02
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.02	3.02	3.02	3.02
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.02	3.02	3.02	3.02
CMZ 65\ a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.02	3.02	3.02	3.02
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)	0.0749	0.0749	0.0738	0.0738