

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3340 3 P is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 1.41 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkD Leck kill channery silt loam, 15 to 25 percent slopes\Leck Kill channery silt loam 80%	4.0	49	19.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.86	1.86	1.41	1.41

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3340 4 P is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 1.04 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkC Leck kill channery silt loam, 8 to 15 percent slopes\Leck Kill Channery silt loam 90%	4.0	99	12.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.36	1.36	1.04	1.04

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3340 F 1 is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 1.18 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkC Leck kill channery silt loam, 8 to 15 percent slopes\Leck Kill Channery silt loam 90%	4.0	79	14.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.54	1.54	1.18	1.18

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3340 F 2 is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 1.22 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkC Leck kill channery silt loam, 8 to 15 percent slopes\Leck Kill Channery silt loam 90%	4.0	69	15.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.60	1.60	1.22	1.22

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3341 C 1 is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 0.859 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkC Leck kill channery silt loam, 8 to 15 percent slopes\Leck Kill Channery silt loam 90%	4.0	120	10.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.13	1.13	0.859	0.859

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3341 C 2 is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every two years results in an average soil loss rate of 1.22 T/Ac/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkC Leck kill channery silt loam, 8 to 15 percent slopes\Leck Kill Channery silt loam 90%	4.0	69	15.0

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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	1.60	1.60	1.22	1.22