

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3675 F 1- Three years of spring plowed corn silage followed by four years of no-till spring planted alfalfa/grass mix has an average soil loss value of 1.77 T/A/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\Bb Barbour fine sandy loam, occasionally flooded\Barbour Fine sandy loam 90%	5.0	160	5.0

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\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	3.8	3.8	3.8	3.8
CMZ 65\A. Single Year/ Single Crop Templates\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	3.8	3.8	3.8	3.8
CMZ 65\A. Single Year/ Single Crop Templates\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	3.8	3.8	3.8	3.8
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed\alfalfa grass ss 4yr; snt z65		d. relative row grade 2 percent of slope grade	(none)	(none)	0.24	0.24	0.24	0.24

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3675 F 2- Three years of spring plowed corn silage followed by four years of no-till spring planted alfalfa/grass mix has an average soil loss value of 2.33 T/A/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\Bb Barbour fine sandy loam, occasionally flooded\Barbour Fine sandy loam 90%	5.0	140	7.0

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\va. Single Year/ Single Crop Templates\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	5.0	5.0	5.0	5.0
CMZ 65\va. Single Year/ Single Crop Templates\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	5.0	5.0	5.0	5.0
CMZ 65\va. Single Year/ Single Crop Templates\corn silage\Corn, silage; sp, rc2, z65		d. relative row grade 2 percent of slope grade	(none)	(none)	5.0	5.0	5.0	5.0
CMZ 65\va. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed\alfalfa grass ss 4yr; snt z65		d. relative row grade 2 percent of slope grade	(none)	(none)	0.32	0.32	0.32	0.32