

RUSLE2 Worksheet Erosion Calculation Record

Info: F 1-3 Spring plowed vegetable crops every year meets "T" over the course of the rotation. Average soil loss is between 1.90 and 3.67 T/Ac./yr. depending on which crop is planted that year.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\Ba Barbour fine sandy loam\Barbour fine sandy loam 90%	5.0	100	2.00

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\vegetables\pumpkins\pumpkin; sp, z65		a. rows up-and-down hill	(none)	(none)	2.38	2.38	2.38	2.38
CMZ 65\A. Single Year/ Single Crop Templates\vegetables\sweet corn\Corn, sweet, early; sp, z65		a. rows up-and-down hill	(none)	(none)	3.67	3.67	3.67	3.67
CMZ 65\A. Single Year/ Single Crop Templates\vegetables\strawberries\strawberries, 3 yr harv; sp, z65		a. rows up-and-down hill	(none)	(none)	1.20	1.20	1.20	1.20
CMZ 65\A. Single Year/ Single Crop Templates\vegetables\Earlyveg z65		a. rows up-and-down hill	(none)	(none)	3.26	3.26	3.26	3.26
CMZ 65\A. Single Year/ Single Crop Templates\vegetables\Lateveg z65		a. rows up-and-down hill	(none)	(none)	3.31	3.31	3.31	3.31
CMZ 65\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; sp, z65		a. rows up-and-down hill	(none)	(none)	1.90	1.90	1.90	1.90