

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3511 F 1 has a rotation of 2 years of no-till corn silage followed by one year of no-till soybeans. The average soil loss rate is 2.36 T/A/yr.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\DuB Duncannon loam, 3 to 8 percent slopes\Duncannon loam 100%	4.0	140	7.00

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\Corn, silage; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-2	(none)	3.37	3.37	3.37	3.37
CMZ 65\b. Multi-year Rotation Templates\Corn / Soybeans\Corn Silage\corn sil; nt - soyb, nr; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-2	(none)	1.85	1.85	1.85	1.85