

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3512F 2 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 3.11 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	250	8.00

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 651a. 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)	4.48	4.48	4.48	4.48
CMZ 651b. 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)	2.43	2.43	2.43	2.43