

RUSLE2 Worksheet Erosion Calculation Record

Info: T 604 F 1- One year of spring plowed corn followed by no-till soybeans followed by four years of spring no-till planted alfalfa has an average soil loss rate of 2.1 T/A/yr.

Inputs:

Owner name	Location	--
Vandine	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	180	4.0

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	2.7	2.7	2.1	2.0