

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3209 F 5- Minimum rotation to meet "T" is alternating years of spring disced corn and no-till soybeans. Average soil loss rate is 3.18 T/Ac./yr., which can be rounded down to 3 T/Ac./yr within the guidelines of RUSLE2.

Inputs:

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\AxB Alvira very stony loam, 0 to 8 percent slopes\Alvira loam 90%	3.0	150	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\b.Mullti-year Rotation Templates\Corn / Soybeant\Corn Grain\corn gr; sdsHR - soyb, nr; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.90	3.88	3.18	3.10