

RUSLE2 Worksheet Erosion Calculation Record

Info: T 358 F 1- Alternating years of spring plowed corn and no-till beans has an average soil loss rate of 3.2 T/A/yr.

Inputs:

Owner name	Location	--
Mowery	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	160	5.0

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)	4.1	4.1	3.2	3.1

RUSLE2 Worksheet Erosion Calculation Record

Info: T 358 F 2- Alternating years of spring disced corn and no-till beans has an average soil loss rate of 3.3 T/A/yr.

Inputs:

Owner name	Location	--
Mowery	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	7.0

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.Multi-year Rotation Templates\Corn / Soybeans\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)	4.1	4.1	3.3	3.2