

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3728 F 2- Alternating years of spring plowed corn and no-till beans has an average soil loss rate of 2.84 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\ShA Shelmadine silt loam, 0 to 3 percent slopes\Shelmadine silt loam 90% | 3.0 | 160 | 5.00 |

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 / 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) | 3.52 | 3.45 | 2.84 | 2.76 |