USDANRCSgif

**RUSLE2 Worksheet Erosion Calculation Record**

Info: T 355F 1-3- Rotation to meet "T" over the rotation is alternating years of spring plowed corn and soybeans. Average soil loss over the rotation is 1.82 T/Ac./yr.

**Inputs:**

| ***Owner name*** | ***Location*** | ***--*** |
| --- | --- | --- |
| **Fogleman** | **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 | 150 | 3.00 |

**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; sp, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 2.01 | 2.00 | 1.82 | 1.78 |