USDANRCSgif

**RUSLE2 Worksheet Erosion Calculation Record**

Info: T 1771 F 1- Alternating years of disced corn and no-till soybeans is needed to meet "T" over the rotation. Average soil loss for this rotation is 2.16 T/Ac/yr.

**Inputs:**

| ***Owner name*** | ***Location*** | ***--*** |
| --- | --- | --- |
| **Harvey** | **USA\Pennsylvania\Lycoming County** |  |

| *Location* | *Soil* | *T value* | *Slope length (horiz)* | *Avg. slope steepness, %* |
| --- | --- | --- | --- | --- |
| USA\Pennsylvania\Lycoming County | Lycoming County, Pennsylvania\LkB Leck kill channery silt loam, 3 to 8 percent slopes\Leck Kill channery silt loam 80% | 4.0 | 75 | 8.00 |

**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; sdsHR - soyb, nr; nt, z65 |  | d. relative row grade 5 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 2.47 | 2.46 | 2.16 | 2.12 |