USDANRCSgif

**RUSLE2 Worksheet Erosion Calculation Record**

Info: T 3305 F 1- Rotation to meet "T" over the rotation is 5 years of spring disced corn silage with fall liquid manure and 5 years of spring no-till seeded alfalfa grass. Average soil loss is 1.93 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\DeB Dekalb channery loam, 3 to 8 percent slopes\Dekalb very channery loam 100% | 2.0 | 150 | 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\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.79 | 3.79 | 3.79 | 3.79 |
| CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.79 | 3.79 | 3.79 | 3.79 |
| CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.79 | 3.79 | 3.79 | 3.79 |
| CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.79 | 3.79 | 3.79 | 3.79 |
| CMZ 65\a. Single Year/ Single Crop Templates\corn silage nr w/manure\liquid surface\Corn, silage, nr, fmanl; sdos, z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.79 | 3.79 | 3.79 | 3.79 |
| CMZ 65\a. Single Year/ Single Crop Templates\forage systems\alfalfa grass sp seed\alfalfa grass ss 5yr; snt z65 |  | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 0.0616 | 0.0616 | 0.0612 | 0.0612 |