

**RUSLE2 Worksheet Erosion Calculation Record**

Info: T 2748 F 1- "T" can be met over the rotation by alternating years of spring plowed corn grain and no-till soybeans. Average soil loss is 2.91 T/Ac/yr.

**Inputs:**

|                   |                                  |    |
|-------------------|----------------------------------|----|
| <b>Owner name</b> | <b>Location</b>                  | -- |
| JRT Farms         | USA\Pennsylvania\Lycoming County |    |

| <i>Location</i>                  | <i>Soil</i>  | <i>T value</i> | <i>Slope length (horiz)</i> | <i>Avg. slope steepness, %</i> |
|----------------------------------|--|----------------|-----------------------------|--------------------------------|
| USA\Pennsylvania\Lycoming County | Lycoming County, Pennsylvania\HhB Hartleton channery silt loam, 3 to 8 percent slopes\Hartleton Channery silt loam 75% | 3.0            | 140                         | 7.00                           |

**Outputs:**

| <i>Base management</i>   | <i>Description</i> | <i>Contouring</i>                              | <i>Strips / barriers</i>             | <i>Diversion/terrace, sediment basin</i> | <i>Soil loss erod. portion, t/ac/yr</i> | <i>Soil detachment, t/ac/yr</i> | <i>Cons. plan. soil loss, t/ac/yr</i> | <i>Sed. delivery, t/ac/yr</i> |
|--|--------------------|--|--------------------------------------|--|---|---------------------------------|---------------------------------------|-------------------------------|
| CMZ 65\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65 |                    | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none)                                   | 3.59                                    | 3.55                            | 2.91                                  | 2.84                          |