

RUSLE2 Worksheet Erosion Calculation Record

Info: T 552 F 1- "T" can be met by moldboard plowing any combination of vegetable crops.

Inputs:

| | | |
|-------------------|----------------------------------|----|
| Owner name | Location | -- |
| 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\Ln Linden loam, occasionally flooded\Linden loam 90% | 4.0 | 100 | 2.00 |

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\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; sp, rc2, z65 | | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 1.06 | 1.06 | 1.06 | 1.06 |
| CMZ 65\A. Single Year/ Single Crop Templates\vegetables\sweet corn\Corn, sweet, early; sp, z65 | | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.26 | 3.26 | 3.26 | 3.26 |
| CMZ 65\A. Single Year/ Single Crop Templates\vegetables\pumpkins\pumpkin, rc2; sp, z65 | | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 1.58 | 1.58 | 1.58 | 1.58 |
| CMZ 65\A. Single Year/ Single Crop Templates\vegetables\snap beans\Snap beans, early; sp, z65 | | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 3.81 | 3.81 | 3.81 | 3.81 |
| CMZ 65\A. Single Year/ Single Crop Templates\vegetables\strawberries\strawberries, 3 yr harv, rc2; sp, z65 | | d. relative row grade 1 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 0.717 | 0.705 | 0.537 | 0.525 |