

RUSLE2 Worksheet Erosion Calculation Record

Info: T 3350 F 1-3- Minimum rotation to meet "T" is alternating years of spring disced corn and no-till soybeans. Average soil loss rate is 3.87 T/Ac/yr.

Inputs:

| Owner name | Location | -- |
|------------|----------------------------------|----|
| Jarrett | USA\Pennsylvania\Lycoming County | |

| Location | Soil | T value | Slope length (horiz) | Avg. slope steepness, % |
|----------------------------------|---|---------|----------------------|-------------------------|
| USA\Pennsylvania\Lycoming County | Lycoming County, Pennsylvania\WaB Washington silt loam, 3 to 8 percent slopes\Washington silt loam 100% | 4.0 | 150 | 6.00 |

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; nt, z65 | | d. relative row grade 2 percent of slope grade | Strip cropping\2strip rotational 0-1 | (none) | 4.93 | 4.86 | 3.87 | 3.76 |