

Run Summary



snowfence

Run Date: null
 Client Name: ---
 Farm No: --- Tract No: --- Field No: ---
 Run Location: linear_roadbed
 Management: bare soil.man
 Soil: Crete_3825_90_SIL.ifc

Simulation & Site Information

| | | |
|--|--|--|
| | X-Length: 100.07 ft Y-Length: 2500.00 ft | Mode: CYCLE # Cycles: 1 |
| | Area: 5.74 ac Elevation: 1069.55 ft Orientation: 0.00 ° | Site: UNITED STATES KANSAS RILEY Location: 39.31° N, 96.68° W Cligen: MANHATTAN Windgen: Interpolated Station |

Erosion

| Period | Crop/Residue | Gross Loss tn/ac | Net Soil Loss From Field (tn/ac) | | | |
|--------------|--------------|---------------------|------------------------------------|-------------|------------|-------|
| | | | Total | Creep/Salt. | Suspension | PM10 |
| Rot. year: 1 | | 0.05 | 0.05 | 0.040 | 0.013 | 0.000 |
| Ave. Annual | | 0.05 | 0.05 | 0.040 | 0.013 | 0.000 |

Barriers

| Location | Type | Height ft | Width ft | Porosity fraction |
|----------|------------|--------------|-------------|----------------------|
| East | Snow fence | 3.94 | 3.28 | 0.60 |
| West | Snow fence | 3.94 | 3.28 | 0.60 |

SCI Summary

| | | | | |
|--------------------------------|----------------------|--------------------------------|---------------|--------|
| Soil Conditioning Index | 0.5470 | Wind Erosion Soil Loss | 0.0531 tn/ac | |
| Energy Calculator | 0.0000 gal diesel/ac | Water Erosion Soil Loss | -4.4609 tn/ac | |
| Average Annual STIR | 0.0000 | SCI Subfactors | | |
| | | OM | FO | ER |
| | | -1.0000 | 1.0000 | 2.7354 |

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Rotation Stir Energy

| Date | Operation | Crop | Stir | Energy |
|------------|---------------|------|------|---------------|
| | | | | gal diesel/ac |
| Jan 01, 01 | Killing Frost | | 0.00 | -0.11 |

Notes

Enter WEPS Run notes here.