

Run Summary



50ft

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

Simulation & Site Information

| | | | | |
|--|---------------------|------------|------------------|----------------------|
| | X-Length: | 49.87 ft | Mode: | CYCLE |
| | Y-Length: | 49.87 ft | # Cycles: | 3 |
| | Area: | 0.06 ac | Site: | UNITED STATES |
| | Elevation: | 1069.55 ft | | KANSAS |
| | Orientation: | 0.00 ° | | 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 | | 0.06 | 0.03 | 0.025 | 0.004 | 0.000 |
| Ave. Annual | | 0.06 | 0.03 | 0.025 | 0.004 | 0.000 |

Barriers

| Location | Type | Height ft | Width ft | Porosity fraction |
|----------|-------------------|--------------|-------------|----------------------|
| North | <mod> Solid fence | 1.64 | 0.98 | 0.00 |
| East | <mod> Solid fence | 1.64 | 0.98 | 0.00 |
| South | <mod> Solid fence | 1.64 | 0.98 | 0.00 |
| West | <mod> Solid fence | 1.64 | 0.98 | 0.00 |

SCI Summary

| | | | |
|--------------------------------|----------------------|--------------------------------|---------------|
| Soil Conditioning Index | 0.5490 | Wind Erosion Soil Loss | 0.0285 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 |
| | | -1.0000 | 1.0000 |
| | | | ER |
| | | | 2.7450 |

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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.