Run Summary

scraper4_trees4rows



Run Date: null
Client Name: ---

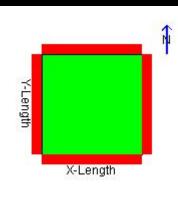
Farm No: --- Tract No: --- Field No: ---

Run Location: site_160ac

Management: bare soil.man

Soil: Crete_3825_90_SIL.ifc

Simulation & Site Information



X-Length: 2640.09 ft **Y-Length:** 2640.09 ft

Area: 160.01 ac **Elevation:** 1069.55 ft **Orientation:** 0.00 °

Mode: CYCLE # Cycles: 1

Site: UNITED STATES

KANSAS RILEY

Location: 39.31° N, 96.68° W

Cligen: MANHATTAN
Windgen: Interpolated Station

| Erosion | | | | | | |
|----------------|--------------|------------|----------------------------------|-------------|------------|-------|
| | | Gross Loss | Net Soil Loss From Field (tn/ac) | | | |
| Period | Crop/Residue | tn/ac | Total | Creep/Salt. | Suspension | PM10 |
| Rot. year: 1 | | 8.82 | 5.52 | 0.358 | 5.166 | 0.137 |
| Ave. Annual | | 8.82 | 5.52 | 0.358 | 5.166 | 0.137 |

| Barriers | | | | |
|----------|------------------------|--------------|-------------|----------------------|
| Location | Туре | Height ft | Width ft | Porosity fraction |
| North | Trees w/ leaves(4 row) | 26.25 | 49.21 | 0.40 |
| East | Trees w/ leaves(4 row) | 26.25 | 49.21 | 0.40 |
| South | Trees w/ leaves(4 row) | 26.25 | 49.21 | 0.40 |
| West | Trees w/ leaves(4 row) | 26.25 | 49.21 | 0.40 |

SCI Summary

Soil Conditioning Index -0.0900 Wind Erosion Soil Loss 5.5270 tn/ac Energy Calculator 0.0000 gal diesel/ac Water Erosion Soil Loss -4.4609 tn/ac

Average Annual STIR 52.0000

| SCI Subfactors | | | | | |
|----------------|--------|--------|--|--|--|
| ОМ | FO | ER | | | |
| -1.0000 | 0.4851 | 0.5802 | | | |

Run Summary

scraper4_trees4rows



| Rotation Stir Energy | | | | | |
|----------------------|------------------------------|-----------|---------------|--|--|
| | | | Energy | | |
| Date | Operation | Crop Stir | gal diesel/ac | | |
| Jan 01, 01 | Scraper, land plane, leveler | 13.00 | -0.11 | | |
| Apr 01, 01 | Scraper, land plane, leveler | 13.00 | -0.11 | | |
| Jul 01, 01 | Scraper, land plane, leveler | 13.00 | -0.11 | | |
| Oct 01, 01 | Scraper, land plane, leveler | 13.00 | -0.11 | | |

Notes

Enter WEPS Run notes here.