



ORGANIC SUSTAINABLE SOLUTIONS THROUGH MICROBIOLOGY

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SOUTHERN CALIFORNIA ALFALFA RESULTS

| Field | Acreage | Year 1 | Year 2 | Simple Soil Solution | Percentage Increase |
|-----------------|---------------|-------------|--------------|----------------------|---------------------|
| Narcciuss 1 | 72 | 5.69 | 14.64 | 8 | 157.29% |
| Maple 7 | 110 | 2.43 | 14.07 | 6 | 479.01% |
| Magnolia 15 | 145 | 5.54 | 10.37 | 6 | 87.18% |
| Moss 9 | 145 | 4.34 | 13.27 | 6 | 205.76% |
| Standar 0 | 52 | 6.16 | 13.84 | 6 | 124.68% |
| Maple 5 | 145 | 3.39 | 11.94 | 4 | 252.21% |
| Mesquite 13 | 130 | 3.98 | 11.43 | 5 | 187.19% |
| Mayflower 1 | 70 | 8.85 | 12.2 | 3 (late) | 37.85% |
| Stanley 73 | 115 | 9.86 | 8.76 | 0 | -11.16% |
| Magnolia 18 | UK | 5171 | 4534 | 0 | -12.32% |
| Melva 2/3 | UK | 238 | 388 | 3 (late) | 63.03% |
| Magnolia 16 A | 110 | 6.37 | 7.31 | 1 (late) | 14.76% |
| Averages | 114.14 | 4.50 | 12.79 | N/A | 213.33% |

ECONOMICS

| | Acreage | Yield Tons/Acre | Number of Applications Per Year | Annual Cost @ \$11.30 Per Application Per Acre | Gain/Acre* (Est. \$230/Total Sales Price) |
|-----------------------------|---------|--------------------|---------------------------------------|--|---|
| Simple Soil Solution | 1 | 12.79 | 6 | \$67.80 | \$2,874.89 |
| W/O Simple Soil Solution | 1 | 4.50 | 0 | \$0.00 | \$900.86 |
| Net Gain Per Acre | | | | | \$1,974.03 |

* Assumes other input costs are equal.