

Estimating 2002 Costs of Production
Oats, Silt Loam Soils, 2002

AG-670-11-01

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| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CROP SEED | | | | | |
| Oat Seed | lb | 0.16 | 120.0000 | 19.20 | _____ |
| CUSTOM WORK | | | | | |
| Cstm ap grd fert dry | acre | 4.00 | 1.0000 | 4.00 | _____ |
| Cstm ap air fert | lb | 0.05 | 220.0000 | 11.00 | _____ |
| Cstm ap air herbicid | acre | 4.50 | 1.0000 | 4.50 | _____ |
| Custom haul | bu | 0.15 | 50.0000 | 7.50 | _____ |
| FERTILIZER & LIME | | | | | |
| Phosphate 0-46-0 | lb | 0.08 | 100.0000 | 8.60 | _____ |
| Urea 46% | lb | 0.08 | 220.0000 | 17.60 | _____ |
| HERBICIDES | | | | | |
| Peak | oz | 12.00 | 0.3750 | 4.50 | _____ |
| Surfactant SL(80-20) | pint | 0.87 | 0.2000 | 0.17 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 6.39 | 0.2146 | 1.37 | _____ |
| Tractors | hour | 6.39 | 0.4666 | 2.98 | _____ |
| Self-Propelled Eq. | hour | 6.39 | 0.2275 | 1.45 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.00 | 4.2416 | 4.24 | _____ |
| Self-Propelled Eq. | gal | 1.00 | 1.8746 | 1.87 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.65 | 1.0000 | 1.65 | _____ |
| Tractors | acre | 3.29 | 1.0000 | 3.29 | _____ |
| Self-Propelled Eq. | acre | 3.70 | 1.0000 | 3.70 | _____ |
| INTEREST ON OP. CAP. | acre | 3.18 | 1.0000 | 3.18 | _____ |
| TOTAL DIRECT EXPENSES | | | | 100.82 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 3.73 | 1.0000 | 3.73 | _____ |
| Tractors | acre | 7.53 | 1.0000 | 7.53 | _____ |
| Self-Propelled Eq. | acre | 12.56 | 1.0000 | 12.56 | _____ |
| TOTAL FIXED EXPENSES | | | | 23.84 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 124.67 | _____ |

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Table 2. Estimated resource use and costs for field operations, per acre Oats, Silt Loam Soils, 2002

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF RATE | TIMES OVER | MTH | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST | |
|-------------------------------|---------------|-----------------|--------------|---------------|-----|-------------------|-------|------------|-------|-------------|------|-------------------|-------|-------|---------------|--------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | | |
| Disk, medium cut | 26.41' | MFWD190 | 0.082 | 1.00 | Oct | 1.56 | 1.55 | 0.44 | 1.03 | 0.106 | 0.68 | | | | | 5.27 |
| Cstm ap grd fert dry | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 4.00 | 4.00 | | 4.00 |
| Phosphate 0-46-0 | lb | | | | | | | | | | | 100.0000 | 0.08 | 8.60 | | 8.60 |
| Land float | 14'x 50' | MFWD190 | 0.157 | 1.00 | Oct | 2.98 | 2.97 | 0.10 | 0.37 | 0.204 | 1.30 | | | | | 7.74 |
| Triple K | 26.67' | MFWD190 | 0.052 | 1.00 | Oct | 0.98 | 0.98 | 0.26 | 0.56 | 0.067 | 0.43 | | | | | 3.23 |
| Grain drill | 20' | MFWD 150 | 0.118 | 1.00 | Oct | 1.80 | 1.84 | 0.82 | 1.68 | 0.283 | 1.80 | | | | | 7.96 |
| Oat Seed | lb | | | | | | | | | | | 120.0000 | 0.16 | 19.20 | | 19.20 |
| Furrow ditcher | 8' | 2WD 130 | 0.380 | 0.04 | Oct | 0.19 | 0.18 | 0.02 | 0.07 | 0.019 | 0.12 | | | | | 0.59 |
| Cstm ap air fert | lb | | | 1.00 | Feb | | | | | | | 110.0000 | 0.05 | 5.50 | | 5.50 |
| Urea 46% | lb | | | | | | | | | | | 110.0000 | 0.08 | 8.80 | | 8.80 |
| Cstm ap air herbicid | acre | | | 1.00 | Mar | | | | | | | 1.0000 | 4.50 | 4.50 | | 4.50 |
| Peak | oz | | | | | | | | | | | 0.3750 | 12.00 | 4.50 | | 4.50 |
| Surfactant SL(80-20) | pint | | | | | | | | | | | 0.2000 | 0.87 | 0.17 | | 0.17 |
| Cstm ap air fert | lb | | | 1.00 | Mar | | | | | | | 110.0000 | 0.05 | 5.50 | | 5.50 |
| Urea 46% | lb | | | | | | | | | | | 110.0000 | 0.08 | 8.80 | | 8.80 |
| Combine Oats | 25' | | 0.182 | 1.00 | Jun | | | 5.57 | 12.56 | 0.227 | 1.45 | | | | | 19.59 |
| Custom haul | bu | | | 1.00 | Jun | | | | | | | 50.0000 | 0.15 | 7.50 | | 7.50 |
| TOTALS | | | | | | 7.53 | 7.53 | 7.22 | 16.30 | 0.908 | 5.80 | | | 77.07 | | 121.48 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 3.18 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 124.67 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not name, not does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

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