

Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2008

B-1241 (C2)

Table 4.A Estimated costs and returns per Acre
Corn Silage, Sprinkler Irrigated, Contracted to Dairy
2008 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| corn silage | ton | 36.00 | 24.0000 | 864.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 864.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - corn silage | bags | 114.00 | 0.4000 | 45.60 | _____ |
| HERBICIDE | | | | | |
| herb+appl-cornsi pre | acre | 21.12 | 1.0000 | 21.12 | _____ |
| FERTILIZER | | | | | |
| fert. (N) | lb. | 0.60 | 180.0000 | 108.00 | _____ |
| fert. (P) | lb. | 0.60 | 50.0000 | 30.00 | _____ |
| CUSTOM | | | | | |
| fert appl. | acre | 4.50 | 1.0000 | 4.50 | _____ |
| insec+appl - cornsi | appl | 22.73 | 1.0000 | 22.73 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 10.00 | 0.4581 | 4.58 | _____ |
| Tractors | hour | 10.00 | 0.5345 | 5.34 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 10.00 | 0.1527 | 1.52 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 10.00 | 1.2800 | 12.80 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.65 | 2.9313 | 7.76 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 2.90 | 3.0150 | 8.74 | _____ |
| IRRIGATION COST | | | | | |
| Center Pivot | ac-in | 12.00 | 20.0000 | 240.00 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 7.13 | 1.0000 | 7.13 | _____ |
| Tractors | Acre | 6.64 | 1.0000 | 6.64 | _____ |
| Self-Propelled Eq. | Acre | 0.24 | 1.0000 | 0.24 | _____ |
| Center Pivot | ac-in | 2.03 | 20.0000 | 40.60 | _____ |
| INTEREST ON OP. CAP. | Acre | 10.06 | 1.0000 | 10.06 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 577.41 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 286.58 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 12.76 | 1.0000 | 12.76 | _____ |
| Tractors | Acre | 12.04 | 1.0000 | 12.04 | _____ |
| Self-Propelled Eq. | Acre | 0.46 | 1.0000 | 0.46 | _____ |
| Center Pivot | Acre | 33.60 | 1.0000 | 33.60 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 58.86 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 636.27 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 227.72 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - corn | acre | 75.00 | 1.0000 | 75.00 | _____ |
| RESIDUAL RETURNS | | | | 152.72 | _____ |

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Table 4.B Estimated resource use and costs for field operations, per Acre
 Corn Silage, Sprinkler Irrigated, Contracted to Dairy
 2008 Projected Costs and Returns per Acre

| 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----- | | | | |
| disc | offset | 100 | 0.078 | 1.00 | Nov | 2.17 | 1.99 | 1.54 | 2.59 | 0.173 | 1.73 | | | | | 10.03 |
| chisel | | 125 | 0.099 | 1.00 | Dec | 3.35 | 2.99 | 0.69 | 1.32 | 0.219 | 2.19 | | | | | 10.56 |
| disc | tandem | 100 | 0.138 | 1.00 | Feb | 3.81 | 3.48 | 1.52 | 2.56 | 0.303 | 3.03 | | | | | 14.42 |
| sweep plow | | 150 | 0.065 | 1.00 | Apr | 2.08 | 1.41 | 0.85 | 1.43 | 0.143 | 1.43 | | | | | 7.23 |
| fert. (N) | lb. | | | 1.00 | Apr | | | | | | | 130.0000 | 0.60 | 78.00 | | 78.00 |
| fert appl. | acre | | | | | | | | | | | 1.0000 | 4.50 | 4.50 | | 4.50 |
| planter | bed | 75 | 0.152 | 1.00 | Apr | 2.98 | 2.15 | 2.51 | 4.83 | 0.305 | 3.05 | | | | | 15.54 |
| seed - corn silage | bags | | | | | | | | | | | 0.4000 | 114.00 | 45.60 | | 45.60 |
| herb+appl-corns pre | acre | | | | | | | | | | | 1.0000 | 21.12 | 21.12 | | 21.12 |
| fert. (P) | lb. | | | | | | | | | | | 50.0000 | 0.60 | 30.00 | | 30.00 |
| Pickup Truck | 3/4 ton | | 0.006 | 30.00 | Apr | | | 8.99 | 0.46 | | | | | | | 9.45 |
| Center Pivot | ac-in | | | 2.00 | May | | | 28.06 | 33.60 | 0.128 | 1.28 | 2.0000 | | | | 62.94 |
| fert. (N) | lb. | | | | | | | | | | | 50.0000 | 0.60 | 30.00 | | 30.00 |
| Center Pivot | ac-in | | | 2.00 | Jun | | | 56.12 | | 0.256 | 2.56 | 4.0000 | | | | 58.68 |
| Center Pivot | ac-in | | | 1.00 | Jun | | | 14.03 | | 0.064 | 0.64 | 1.0000 | | | | 14.67 |
| Center Pivot | ac-in | | | 4.00 | Jul | | | 98.21 | | 0.448 | 4.48 | 7.0000 | | | | 102.69 |
| insec+appl - cornsi | appl | | | 1.00 | Aug | | | | | | | 1.0000 | 22.73 | 22.73 | | 22.73 |
| Center Pivot | ac-in | | | 2.00 | Aug | | | 56.12 | | 0.256 | 2.56 | 4.0000 | | | | 58.68 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 28.06 | | 0.128 | 1.28 | 2.0000 | | | | 29.34 |
| TOTALS | | | | | | 14.41 | 12.04 | 296.72 | 46.82 | 2.425 | 24.25 | | | 231.95 | | 626.21 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 10.06 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 636.27 |

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