

Table 25.A Estimated costs and returns per acre
 Carrots, Irrigated
 2009 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| carrots | ton | 50.00 | 15.0000 | 750.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 750.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed carrot | lb | 77.00 | 2.0000 | 154.00 | _____ |
| CROP INSURANCE | | | | | |
| crop insurance-NAP | acre | 2.00 | 1.0000 | 2.00 | _____ |
| FUNGICIDE | | | | | |
| fungicide carrot | acre | 11.55 | 3.0000 | 34.65 | _____ |
| INSECTICIDE | | | | | |
| insect carrot | acre | 10.50 | 1.0000 | 10.50 | _____ |
| FERTILIZER | | | | | |
| phospate | lb | 0.74 | 75.0000 | 55.50 | _____ |
| nitrogen dry | lb | 0.42 | 60.0000 | 25.20 | _____ |
| nitrogen liq | lb | 0.60 | 60.0000 | 36.00 | _____ |
| MISC ADMIN O/H | | | | | |
| mis admin o/h carrot | acre | 4.00 | 1.0000 | 4.00 | _____ |
| HERBICIDES | | | | | |
| herbicide carrot 1 | acre | 6.00 | 1.0000 | 6.00 | _____ |
| herbicide carrot 2 | acre | 10.00 | 2.0000 | 20.00 | _____ |
| CUSTOM | | | | | |
| herb appl | acre | 4.50 | 3.0000 | 13.50 | _____ |
| consult fee veg | acre | 12.00 | 1.0000 | 12.00 | _____ |
| pesticide appl veg | acre | 5.50 | 3.0000 | 16.50 | _____ |
| harv pk mk carrot | ton | 15.00 | 15.0000 | 225.00 | _____ |
| IRRIGATION | | | | | |
| irrigation costs | ac/in | 6.00 | 18.0000 | 108.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 11.00 | 1.7255 | 18.98 | _____ |
| IRRIGATION LABOR | | | | | |
| irr system 1 | hour | 11.00 | 0.9000 | 9.90 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.00 | 8.8353 | 17.67 | _____ |
| GASOLINE | | | | | |
| Pick-up, 3/4 ton | gal | 1.80 | 0.9100 | 1.63 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 18.13 | 1.0000 | 18.13 | _____ |
| Tractors | acre | 15.44 | 1.0000 | 15.44 | _____ |
| Pick-up, 3/4 ton | acre | 1.00 | 1.0000 | 1.00 | _____ |
| irr system 1 | ac/in | 0.17 | 18.0000 | 3.06 | _____ |
| INTEREST ON OP. CAP. | acre | 15.34 | 1.0000 | 15.34 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 824.02 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | -74.02 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 33.24 | 1.0000 | 33.24 | _____ |
| Tractors | acre | 25.03 | 1.0000 | 25.03 | _____ |
| Pick-up, 3/4 ton | acre | 3.60 | 1.0000 | 3.60 | _____ |
| irr system 1 | ac/in | 0.20 | 18.0000 | 3.67 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 65.55 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 889.57 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -139.57 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent veg | acre | 50.00 | 1.0000 | 50.00 | _____ |
| RESIDUAL RETURNS | | | | -189.57 | _____ |

Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2009

B-1241 (C10)

Table 25.B Estimated resource use and costs for field operations, per acre
Carrots, Irrigated
2009 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----- | | | |
| offset disc | 12-foot | 125 | 0.130 | 1.00 | Jun | 3.05 | 2.30 | 0.50 | 1.09 | 0.130 | 1.43 | | | | 8.38 |
| moleboard plow veg2 | | 150 | 0.170 | 1.00 | Jun | 4.52 | 3.32 | 2.00 | 2.81 | 0.425 | 4.67 | | | | 17.35 |
| land plane | | 100 | 0.190 | 1.00 | Jun | 4.14 | 3.08 | 1.72 | 3.16 | 0.190 | 2.10 | | | | 14.22 |
| offset disc 20 ft | 20 ft | 200 | 0.103 | 1.00 | Jun | 3.96 | 3.12 | 5.02 | 9.23 | 0.103 | 1.13 | | | | 22.48 |
| herbicide carrot 1 | acre | | | 1.00 | Jun | | | | | | | 1.0000 | 6.00 | 6.00 | 6.00 |
| herb appl | acre | | | | | | | | | | | 1.0000 | 4.50 | 4.50 | 4.50 |
| consult fee veg | acre | | | 1.00 | Jun | | | | | | | 1.0000 | 12.00 | 12.00 | 12.00 |
| mis admin o/h carrot | acre | | | | | | | | | | | 1.0000 | 4.00 | 4.00 | 4.00 |
| offset disc 20 ft | 20 ft | 200 | 0.103 | 1.00 | Jul | 3.96 | 3.12 | 5.02 | 9.23 | 0.103 | 1.13 | | | | 22.48 |
| bedder | 6-row | 100 | 0.114 | 1.00 | Jul | 2.47 | 1.84 | 0.60 | 1.10 | 0.114 | 1.25 | | | | 7.27 |
| phosphate | lb | | | 1.00 | Jul | | | | | | | 75.0000 | 0.74 | 55.50 | 55.50 |
| nitrogen dry | lb | | | | | | | | | | | 60.0000 | 0.42 | 25.20 | 25.20 |
| planter | 6 row | 150 | 0.140 | 1.00 | Jul | 3.72 | 2.74 | 1.34 | 2.47 | 0.350 | 3.85 | | | | 14.13 |
| irrigation costs | ac/in | | | | | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| seed carrot | lb | | | | | | | | | | | 2.0000 | 77.00 | 154.00 | 154.00 |
| crop insurance-NAP | acre | | | | | | | | | | | 1.0000 | 2.00 | 2.00 | 2.00 |
| irrigation costs | ac/in | | | 1.00 | Jul | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| irrigation costs | ac/in | | | 1.00 | Jul | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| cultivator 8 row | 8 row | 125 | 0.103 | 1.00 | Aug | 2.42 | 1.82 | 0.63 | 1.37 | 0.103 | 1.13 | | | | 7.38 |
| nitrogen liq | lb | | | | | | | | | | | 60.0000 | 0.60 | 36.00 | 36.00 |
| herbicide carrot 2 | acre | | | 1.00 | Aug | | | | | | | 1.0000 | 10.00 | 10.00 | 10.00 |
| herb appl | acre | | | | | | | | | | | 1.0000 | 4.50 | 4.50 | 4.50 |
| irrigation costs | ac/in | | | 1.00 | Aug | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| cultivator 8 row | 8 row | 125 | 0.103 | 1.00 | Sep | 2.42 | 1.82 | 0.63 | 1.37 | 0.103 | 1.13 | | | | 7.38 |
| fungicide carrot | acre | | | 1.00 | Sep | | | | | | | 2.0000 | 11.55 | 23.10 | 23.10 |
| pesticide appl veg | acre | | | | | | | | | | | 2.0000 | 5.50 | 11.00 | 11.00 |
| herb appl | acre | | | | | | | | | | | 1.0000 | 4.50 | 4.50 | 4.50 |
| herbicide carrot 2 | acre | | | | | | | | | | | 1.0000 | 10.00 | 10.00 | 10.00 |
| irrigation costs | ac/in | | | 1.00 | Sep | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| cultivator 8 row | 8 row | 125 | 0.103 | 1.00 | Oct | 2.42 | 1.82 | 0.63 | 1.37 | 0.103 | 1.13 | | | | 7.38 |
| insect carrot | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 10.50 | 10.50 | 10.50 |
| fungicide carrot | acre | | | | | | | | | | | 1.0000 | 11.55 | 11.55 | 11.55 |
| pesticide appl veg | acre | | | | | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| irrigation costs | ac/in | | | 1.00 | Oct | | | | | | | 3.0000 | 6.00 | 18.00 | 18.00 |
| Pick-up, 3/4 ton | acre | | | 1.00 | Nov | | | 2.63 | 3.60 | | | 1.0000 | | | 6.23 |
| irr system 1 | ac/in | | | 1.00 | Dec | | | 3.06 | 3.67 | 0.900 | 9.90 | 18.0000 | | | 16.63 |
| harv pk mk carrot | ton | | | | | | | | | | | 15.0000 | 15.00 | 225.00 | 225.00 |
| TOTALS | | | | | | 33.11 | 25.03 | 23.82 | 40.51 | 2.625 | 28.88 | | | 722.85 | 874.22 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 15.34 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 889.57 |