

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2003*

Table 16.A Estimated costs and returns per acre
Watermelon; Open Pollinated Varieties, Dryland
Projected for 2004, South Texas, For Planning Purposes Only

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| Watermelon, Allsweet | cwt | 6.00 | 150.0000 | 900.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 900.00 | _____ |
| DIRECT EXPENSES | | | | | |
| FERTILIZER | | | | | |
| Fert 10-34-0 | cwt | 12.22 | 1.5000 | 18.33 | _____ |
| FUNGICIDE | | | | | |
| Bravo Ultrex | qt | 12.50 | 1.0000 | 12.50 | _____ |
| Quadris | oz | 2.29 | 32.0000 | 73.28 | _____ |
| HERBICIDE | | | | | |
| Trifluralin 4EC | pt | 2.48 | 2.0000 | 4.96 | _____ |
| INSECTICIDE/MITICIDE | | | | | |
| Thiodan 3 EC | qt | 9.09 | 2.0000 | 18.18 | _____ |
| SEED/PLANTS | | | | | |
| Watermelon Seed, OP | lb | 10.00 | 3.0000 | 30.00 | _____ |
| HORT. SUPPLIES | | | | | |
| Bee Rental | hive | 75.00 | 1.0000 | 75.00 | _____ |
| CUSTOM HORT. HARVEST | | | | | |
| Harvest/Sell Wtrmlns | cwt | 3.00 | 150.0000 | 450.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 8.31 | 1.1670 | 9.69 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 6.91 | 0.1490 | 1.02 | _____ |
| UNALLOCATED LABOR | hour | 8.31 | 0.9336 | 7.75 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.06 | 8.3751 | 8.87 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 5.26 | 1.0000 | 5.26 | _____ |
| Tractors | acre | 6.23 | 1.0000 | 6.23 | _____ |
| INTEREST ON OP. CAP. | acre | 15.69 | 1.0000 | 15.69 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 736.80 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 163.19 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 11.75 | 1.0000 | 11.75 | _____ |
| Tractors | acre | 19.45 | 1.0000 | 19.45 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 31.20 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 768.01 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 131.98 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| Cash Rent, S. Texas | acre | 50.00 | 1.0000 | 50.00 | _____ |
| RESIDUAL RETURNS | | | | 81.98 | _____ |

Brand names are mentioned only as examples and imply no endorsement.

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Table 16.B Estimated resource use and costs for field operations, per acre
Watermelon; Open Pollinated Varieties, Dryland
Projected for 2004, South Texas, For Planning Purposes Only

| 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----- | | | | |
| Heavy Disk | 14' | 150 hp | 0.167 | 1.00 | Oct | 2.25 | 2.80 | 0.98 | 2.00 | 0.167 | 1.38 | | | | | 9.43 |
| Chisel Plow | 16' | 130 hp | 0.117 | 1.00 | Oct | 1.82 | 2.99 | 0.27 | 0.70 | 0.117 | 0.97 | | | | | 6.76 |
| Heavy Disk | 14' | 150 hp | 0.167 | 1.00 | Oct | 2.25 | 2.80 | 0.98 | 2.00 | 0.167 | 1.38 | | | | | 9.43 |
| 80" Row Disk | 3R-80 | 150 hp | 0.094 | 1.00 | Oct | 1.26 | 1.58 | 0.55 | 1.04 | 0.094 | 0.78 | | | | | 5.23 |
| Fert Appl (Liquid) | 3R-80 | 150 hp | 0.098 | 1.00 | Feb | 1.32 | 1.64 | 0.44 | 1.32 | 0.147 | 1.15 | | | | | 5.88 |
| Fert 10-34-0 | cwt | | | | | | | | | | | 1.5000 | 12.22 | 18.33 | | 18.33 |
| Plant & Pre | 3R-80 | 50 hp | 0.100 | 1.00 | Feb | 0.46 | 0.49 | 0.77 | 1.95 | 0.200 | 1.52 | | | | | 5.21 |
| Watermelon Seed, | OP lb | | | | | | | | | | | 3.0000 | 10.00 | 30.00 | | 30.00 |
| Trifluralin 4EC | pt | | | | | | | | | | | 2.0000 | 2.48 | 4.96 | | 4.96 |
| Cultivate (Early) | 3R-80 | 150 hp | 0.127 | 1.00 | Mar | 1.71 | 2.13 | 0.37 | 0.81 | 0.127 | 1.05 | | | | | 6.09 |
| Bravo Ultrex | qt | | | | | | | | | | | 0.5000 | 12.50 | 6.25 | | 6.25 |
| Thiodan 3 EC | qt | | | | | | | | | | | 1.0000 | 9.09 | 9.09 | | 9.09 |
| Bee Rental | hive | | | 1.00 | Mar | | | | | | | 1.0000 | 75.00 | 75.00 | | 75.00 |
| Cultivate (Early) | 3R-80 | 150 hp | 0.127 | 1.00 | Mar | 1.71 | 2.13 | 0.37 | 0.81 | 0.127 | 1.05 | | | | | 6.09 |
| Bravo Ultrex | qt | | | | | | | | | | | 0.5000 | 12.50 | 6.25 | | 6.25 |
| Thiodan 3 EC | qt | | | | | | | | | | | 1.0000 | 9.09 | 9.09 | | 9.09 |
| Cultivate (Late) | 3R-80 | 150 hp | 0.085 | 1.00 | Apr | 1.14 | 1.42 | 0.24 | 0.54 | 0.085 | 0.70 | | | | | 4.07 |
| Quadris | oz | | | | | | | | | | | 16.0000 | 2.29 | 36.64 | | 36.64 |
| Lannate 1.8E | pt | | | | | | | | | | | 0.0300 | | | | |
| Cultivate (Late) | 3R-80 | 150 hp | 0.085 | 1.00 | May | 1.14 | 1.42 | 0.24 | 0.54 | 0.085 | 0.70 | | | | | 4.07 |
| Quadris | oz | | | | | | | | | | | 16.0000 | 2.29 | 36.64 | | 36.64 |
| Lannate 1.8E | pt | | | | | | | | | | | 0.0300 | | | | |
| Harvest/Sell Wtrmlns | cwt | | | 1.00 | Jun | | | | | | | 150.0000 | 3.00 | 450.00 | | 450.00 |
| TOTALS | | | | | | 15.11 | 19.45 | 5.26 | 11.75 | 1.316 | 10.72 | | | 682.25 | | 744.56 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 15.69 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 7.75 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 768.01 |

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