

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C12)

Table 23.A Estimated costs and returns per acre
Grapefruit; Year 6 Orchard Development, Flood Irr.
Projected for 2011, Rio Grande Valley, For Planning Purpose

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| Grapefruit (Rio Red) | tons | 100.00 | 12.0000 | 1200.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 1200.00 | _____ |
| DIRECT EXPENSES | | | | | |
| FERTILIZER | | | | | |
| Amm Sulfate (21% N) | cwt | 16.00 | 7.1400 | 114.24 | _____ |
| HERBICIDE | | | | | |
| Simazine 90DF | gallon | 20.47 | 5.0000 | 102.35 | _____ |
| Krovar I 80 DF | lb | 18.00 | 3.0000 | 54.00 | _____ |
| INSECTICIDE/MITICIDE | | | | | |
| Vydate | gal | 88.32 | 0.0625 | 5.52 | _____ |
| Vendex | lb | 30.91 | 6.0000 | 185.46 | _____ |
| Citrus Oil | gal | 3.36 | 5.0000 | 16.80 | _____ |
| Agri-Mek | gal | 873.60 | 0.0540 | 47.17 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Irrigation Water | ac-ft | 20.00 | 1.2000 | 24.00 | _____ |
| ADJUVANT | | | | | |
| Surfactant | pt | 1.21 | 2.0000 | 2.42 | _____ |
| CUSTOM ORCHD. SPRAY | | | | | |
| Lorsban 4E | pt | 4.19 | 8.0000 | 33.52 | _____ |
| INSURANCE | | | | | |
| Established Grapefrt | acre | 115.00 | 1.0000 | 115.00 | _____ |
| CUSTOM ORCHARD OPS. | | | | | |
| Custom Fert. Citrus | acre | 4.40 | 2.0000 | 8.80 | _____ |
| Custom Orchard Spray | acre | 38.50 | 4.0000 | 154.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 7.50 | 0.1220 | 0.91 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 7.50 | 0.0610 | 0.45 | _____ |
| IRRIGATION LABOR | | | | | |
| Labor (Flood) | hour | 7.50 | 3.0000 | 22.50 | _____ |
| UNALLOCATED LABOR | | | | | |
| | hour | 7.50 | 0.0122 | 0.09 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.50 | 0.9419 | 2.35 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 0.27 | 1.0000 | 0.27 | _____ |
| Tractors | acre | 0.64 | 1.0000 | 0.64 | _____ |
| INTEREST ON OP. CAP. | acre | 51.01 | 1.0000 | 51.01 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 941.54 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 258.45 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 0.40 | 1.0000 | 0.40 | _____ |
| Tractors | acre | 1.94 | 1.0000 | 1.94 | _____ |
| Permanent Valve Irr. | acre | 45.00 | 1.0000 | 45.00 | _____ |
| Year 1 Est. Costs | acre | 209.04 | 1.0000 | 209.04 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 256.38 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 1197.92 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 2.07 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| Land Cost, Orchard | acre | 150.00 | 1.0000 | 150.00 | _____ |
| RESIDUAL RETURNS | | | | -147.92 | _____ |

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

Table 23.B Estimated resource use and costs for field operations, per acre
 Grapefruit; Year 6 Orchard Development, Flood Irr.
 Projected for 2011, Rio Grande Valley, For Planning Purposes Only

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF TIMES | | | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|-------------------------------|---------------|-----------------|------------|------|-----|-------------------|-------|------------|--------|-------------|-------|-------------------|--------|--------|---------------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Year 1 Est. Costs | acre | | 1.00 | Jan | | | | 209.04 | | | | 1.0000 | | | 209.04 |
| Permanent Valve Irr. | acre | | 1.00 | Jan | | | | 45.00 | | | | 1.0000 | | | 45.00 |
| Custom Fert. Citrus | acre | | 1.00 | Feb | | | | | | | | 1.0000 | 4.40 | 4.40 | 4.40 |
| Amm Sulfate (21% N) | cwt | | | | | | | | | | | 3.5700 | 16.00 | 57.12 | 57.12 |
| Spray (Broadcast) | 27' | 150 hp | 0.061 | 1.00 | Mar | 1.50 | 0.97 | 0.13 | 0.20 | 0.091 | 0.68 | | | | 3.49 |
| Simizine 90DF | gallon | | | | | | | | | | | 5.0000 | 20.47 | 102.35 | 102.35 |
| Established Grapefrt | acre | | 1.00 | Mar | | | | | | | | 1.0000 | 115.00 | 115.00 | 115.00 |
| Custom Orchard Spray | acre | | 1.00 | Apr | | | | | | | | 1.0000 | 38.50 | 38.50 | 38.50 |
| Vydate | gal | | | | | | | | | | | 0.0625 | 88.32 | 5.52 | 5.52 |
| Vendex | lb | | | | | | | | | | | 2.0000 | 30.91 | 61.82 | 61.82 |
| Surfactant | pt | | | | | | | | | | | 1.0000 | 1.21 | 1.21 | 1.21 |
| Labor (Flood) | hour | | 1.00 | Apr | | | | | | 1.000 | 7.50 | 1.0000 | | | 7.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 20.00 | 8.00 | 8.00 |
| Custom Orchard Spray | acre | | 1.00 | May | | | | | | | | 1.0000 | 38.50 | 38.50 | 38.50 |
| Vendex | lb | | | | | | | | | | | 2.0000 | 30.91 | 61.82 | 61.82 |
| Lorsban 4E | pt | | | | | | | | | | | 4.0000 | 4.19 | 16.76 | 16.76 |
| Custom Orchard Spray | acre | | 1.00 | Jul | | | | | | | | 1.0000 | 38.50 | 38.50 | 38.50 |
| Citrus Oil | gal | | | | | | | | | | | 5.0000 | 3.36 | 16.80 | 16.80 |
| Agri-Mek | gal | | | | | | | | | | | 0.0540 | 873.60 | 47.17 | 47.17 |
| Spray (Broadcast) | 27' | 150 hp | 0.061 | 1.00 | Jul | 1.50 | 0.97 | 0.13 | 0.20 | 0.091 | 0.68 | | | | 3.49 |
| Krovar I 80 DF | lb | | | | | | | | | | | 3.0000 | 18.00 | 54.00 | 54.00 |
| Labor (Flood) | hour | | 1.00 | Jul | | | | | | 1.000 | 7.50 | 1.0000 | | | 7.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 20.00 | 8.00 | 8.00 |
| Custom Fert. Citrus | acre | | 1.00 | Aug | | | | | | | | 1.0000 | 4.40 | 4.40 | 4.40 |
| Amm Sulfate (21% N) | cwt | | | | | | | | | | | 3.5700 | 16.00 | 57.12 | 57.12 |
| Labor (Flood) | hour | | 1.00 | Sep | | | | | | 1.000 | 7.50 | 1.0000 | | | 7.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 20.00 | 8.00 | 8.00 |
| Custom Orchard Spray | acre | | 1.00 | Sep | | | | | | | | 1.0000 | 38.50 | 38.50 | 38.50 |
| Vendex | lb | | | | | | | | | | | 2.0000 | 30.91 | 61.82 | 61.82 |
| Lorsban 4E | pt | | | | | | | | | | | 4.0000 | 4.19 | 16.76 | 16.76 |
| Surfactant | pt | | | | | | | | | | | 1.0000 | 1.21 | 1.21 | 1.21 |
| Pick/Pack/Ship | crtm | | 1.00 | Dec | | | | | | | | 600.0000 | | | |
| TOTALS | | | | | | 3.00 | 1.94 | 0.27 | 254.44 | 3.183 | 23.87 | | | 863.28 | 1146.81 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 51.01 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.09 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 1197.92 |

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