

Table 14.A Estimated costs and returns per acre
 Onion; Hybrid Yellow Varieties, Furrow Irr.
 Projected for 2006, Rio Grande Valley, For Planning Purpose

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| Onions, Yellow | sack | 8.00 | 550.0000 | 4400.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 4400.00 | _____ |
| DIRECT EXPENSES | | | | | |
| FERTILIZER | | | | | |
| Fert 10-34-0 | cwt | 14.75 | 2.0000 | 29.50 | _____ |
| Foligro | qt | 20.85 | 7.0000 | 145.95 | _____ |
| UAN (32% N) | cwt | 12.00 | 0.7800 | 9.36 | _____ |
| FUNGICIDE | | | | | |
| Dithane F-45 | qt | 3.54 | 2.0000 | 7.08 | _____ |
| Rovral 4f | pt | 20.35 | 3.0000 | 61.05 | _____ |
| Ridomil Gold | oz | 5.10 | 8.0000 | 40.80 | _____ |
| Bravo Ultrex | qt | 12.50 | 2.0000 | 25.00 | _____ |
| HERBICIDE | | | | | |
| Prefar 4E | qt | 10.00 | 2.7500 | 27.50 | _____ |
| Goal 2XL | gal | 105.00 | 0.1000 | 10.50 | _____ |
| Trifluralin 4EC | pt | 2.48 | 1.0000 | 2.48 | _____ |
| INSECTICIDE/MITICIDE | | | | | |
| Lorsban 4E | pt | 6.12 | 1.7500 | 10.71 | _____ |
| Diazinon AG500 | pt | 3.75 | 1.0000 | 3.75 | _____ |
| Karate | oz | 2.03 | 9.6000 | 19.48 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Irrigation Water | ac-ft | 16.23 | 2.8000 | 45.44 | _____ |
| SEED/PLANTS | | | | | |
| Onion Seed | unit | 100.00 | 1.5000 | 150.00 | _____ |
| CUSTOM HORT. HARVEST | | | | | |
| Harvest Onions | bag | 1.50 | 500.0000 | 750.00 | _____ |
| Drying Onions | bag | 0.30 | 500.0000 | 150.00 | _____ |
| Pack & Count Onions | bag | 1.45 | 500.0000 | 725.00 | _____ |
| Sale Consign. Onions | bag | 0.40 | 500.0000 | 200.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 6.50 | 1.5270 | 9.92 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 7.50 | 0.3680 | 2.76 | _____ |
| IRRIGATION LABOR | | | | | |
| Labor (Flood) | hour | 6.50 | 7.0000 | 45.50 | _____ |
| Labor (Irr. Setup) | hour | 6.50 | 0.4000 | 2.60 | _____ |
| UNALLOCATED LABOR | hour | 6.50 | 0.1527 | 0.99 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 11.4429 | 25.17 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 5.38 | 1.0000 | 5.38 | _____ |
| Tractors | acre | 9.71 | 1.0000 | 9.71 | _____ |
| INTEREST ON OP. CAP. | acre | 60.08 | 1.0000 | 60.08 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 2575.75 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 1824.24 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 17.52 | 1.0000 | 17.52 | _____ |
| Tractors | acre | 28.61 | 1.0000 | 28.61 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 46.13 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 2621.89 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 1778.10 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| Cash Rent, Irr. Veg | acre | 100.00 | 1.0000 | 100.00 | _____ |
| RESIDUAL RETURNS | | | | 1678.10 | _____ |

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

Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005

B-1241 (C12)

Table 14.B Estimated resource use and costs for field operations, per acre
Onion: Hybrid Yellow Varieties, Furrow Irr.
Projected for 2006, Rio Grande Valley, 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----- | | | | |
| Chisel Plow | 12' | 105 hp | 0.156 | 1.00 | Jul | 4.00 | 6.06 | 0.29 | 0.71 | 0.156 | 1.01 | | | | | 12.09 |
| Heavy Disk | 14' | 150 hp | 0.167 | 1.00 | Aug | 3.72 | 2.65 | 0.98 | 1.91 | 0.167 | 1.08 | | | | | 10.36 |
| Heavy Disk | 14' | 150 hp | 0.167 | 1.00 | Aug | 3.72 | 2.65 | 0.98 | 1.91 | 0.167 | 1.08 | | | | | 10.36 |
| Disk Bed (Hipper) | 6R-40 | 170 hp | 0.094 | 1.00 | Sep | 2.34 | 1.59 | 0.41 | 0.75 | 0.094 | 0.61 | | | | | 5.72 |
| Fert Appl (Liquid) | 6R-40 | 150 hp | 0.098 | 1.00 | Oct | 2.18 | 1.55 | 0.44 | 1.21 | 0.147 | 1.00 | | | | | 6.40 |
| Fert 10-34-0 | cwt | | | | | | | | | | | 2.0000 | 14.75 | 29.50 | | 29.50 |
| Prefar 4E | qt | | | | | | | | | | | 2.7500 | 10.00 | 27.50 | | 27.50 |
| Planter, Stanhay | 6R-40 | 50 hp | 0.235 | 1.00 | Oct | | | 0.03 | 7.01 | | | | | | | 7.05 |
| Onion Seed | unit | | | | | | | | | | | 1.5000 | 100.00 | 150.00 | | 150.00 |
| Lorsban 4E | pt | | | | | | | | | | | 1.7500 | 6.12 | 10.71 | | 10.71 |
| Ditcher | standard | 130 hp | 0.020 | 1.00 | Oct | 0.46 | 0.48 | 0.06 | 0.18 | 0.020 | 0.13 | | | | | 1.32 |
| Labor (Irr. Setup) | hour | | | | | | | | | 0.100 | 0.65 | 0.1000 | | | | 0.65 |
| Labor (Flood) | hour | | | 1.00 | Oct | | | | | 1.000 | 6.50 | 1.0000 | | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | | 6.49 |
| Cultivate (Early) | 3R-80 | 150 hp | 0.127 | 1.00 | Oct | 2.83 | 2.01 | 0.37 | 0.77 | 0.127 | 0.82 | | | | | 6.82 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Nov | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | | 3.29 |
| Dithane F-45 | qt | | | | | | | | | | | 1.0000 | 3.54 | 3.54 | | 3.54 |
| Diazinon AG500 | pt | | | | | | | | | | | 1.0000 | 3.75 | 3.75 | | 3.75 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Nov | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | | 3.29 |
| Dithane F-45 | qt | | | | | | | | | | | 1.0000 | 3.54 | 3.54 | | 3.54 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | | 20.85 |
| Ditcher | standard | 130 hp | 0.020 | 1.00 | Nov | 0.46 | 0.48 | 0.06 | 0.18 | 0.020 | 0.13 | | | | | 1.32 |
| Labor (Irr. Setup) | hour | | | | | | | | | 0.100 | 0.65 | 0.1000 | | | | 0.65 |
| Labor (Flood) | hour | | | 1.00 | Nov | | | | | 1.000 | 6.50 | 1.0000 | | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | | 6.49 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Nov | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | | 3.29 |
| Goal 2XL | gal | | | | | | | | | | | 0.1000 | 105.00 | 10.50 | | 10.50 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Dec | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | | 3.29 |
| Rovral 4f | pt | | | | | | | | | | | 1.5000 | 20.35 | 30.52 | | 30.52 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | | 20.85 |
| Lannate 1.8E | pt | | | | | | | | | | | 1.5000 | | | | |
| Labor (Flood) | hour | | | 1.00 | Dec | | | | | 1.000 | 6.50 | 1.0000 | | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | | 6.49 |
| Labor (Flood) | hour | | | 1.00 | Dec | | | | | 1.000 | 6.50 | 1.0000 | | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | | 6.49 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Dec | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | | 3.29 |
| Rovral 4f | pt | | | | | | | | | | | 1.5000 | 20.35 | 30.52 | | 30.52 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | | 20.85 |
| Lannate 1.8E | pt | | | | | | | | | | | 1.5000 | | | | |

Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
These projections were collected & developed by TCE staff & approved for publication.

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| 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 | |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Jan | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | 3.29 |
| Ridomil Gold | oz | | | | | | | | | | | 4.0000 | 5.10 | 20.40 | 20.40 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | 20.85 |
| Karate | oz | | | | | | | | | | | 3.2000 | 2.03 | 6.49 | 6.49 |
| Cult & Post (Late) | 6R-40 | 150 hp | 0.089 | 1.00 | Jan | 1.98 | 1.41 | 0.32 | 0.68 | 0.133 | 0.91 | | | | 5.32 |
| Trifluralin 4EC | pt | | | | | | | | | | | 1.0000 | 2.48 | 2.48 | 2.48 |
| UAN (32% N) | cwt | | | | | | | | | | | 0.7800 | 12.00 | 9.36 | 9.36 |
| Ditcher | standard | 130 hp | 0.020 | 1.00 | Jan | 0.46 | 0.48 | 0.06 | 0.18 | 0.020 | 0.13 | | | | 1.32 |
| Labor (Irr. Setup) | hour | | | | | | | | | | 0.100 | 0.65 | | | 0.65 |
| Labor (Flood) | hour | | | 1.00 | Jan | | | | | 1.000 | 6.50 | 1.0000 | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | 6.49 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Jan | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | 3.29 |
| Bravo Ultrex | qt | | | | | | | | | | | 1.0000 | 12.50 | 12.50 | 12.50 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | 20.85 |
| Karate | oz | | | | | | | | | | | 3.2000 | 2.03 | 6.49 | 6.49 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Feb | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | 3.29 |
| Bravo Ultrex | qt | | | | | | | | | | | 1.0000 | 12.50 | 12.50 | 12.50 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | 20.85 |
| Ditcher | standard | 130 hp | 0.020 | 1.00 | Feb | 0.46 | 0.48 | 0.06 | 0.18 | 0.020 | 0.13 | | | | 1.32 |
| Labor (Irr. Setup) | hour | | | | | | | | | | 0.100 | 0.65 | | | 0.65 |
| Labor (Flood) | hour | | | 1.00 | Feb | | | | | 1.000 | 6.50 | 1.0000 | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | 6.49 |
| Spray (Band) | 27' | 150 hp | 0.061 | 1.00 | Mar | 1.35 | 0.97 | 0.13 | 0.20 | 0.091 | 0.62 | | | | 3.29 |
| Ridomil Gold | oz | | | | | | | | | | | 4.0000 | 5.10 | 20.40 | 20.40 |
| Foligro | qt | | | | | | | | | | | 1.0000 | 20.85 | 20.85 | 20.85 |
| Karate | oz | | | | | | | | | | | 3.2000 | 2.03 | 6.49 | 6.49 |
| Labor (Flood) | hour | | | 1.00 | Mar | | | | | 1.000 | 6.50 | 1.0000 | | | 6.50 |
| Irrigation Water | ac-ft | | | | | | | | | | | 0.4000 | 16.23 | 6.49 | 6.49 |
| Harvest Onions | bag | | | 1.00 | Apr | | | | | | | 500.0000 | 1.50 | 750.00 | 750.00 |
| Drying Onions | bag | | | 1.00 | Apr | | | | | | | 500.0000 | 0.30 | 150.00 | 150.00 |
| Pack & Count Onions | bag | | | 1.00 | Apr | | | | | | | 500.0000 | 1.45 | 725.00 | 725.00 |
| Sale Consign. Onions | bag | | | 1.00 | Apr | | | | | | | 500.0000 | 0.40 | 200.00 | 200.00 |
| TOTALS | | | | | | 34.89 | 28.61 | 5.38 | 17.52 | 9.295 | 60.78 | | | 2413.61 | 2560.81 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 60.08 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.99 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 2621.89 |

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