

ECONOMICS OF PROFITABLE PEPPER PRODUCTION

BELL PEPPERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

| | UNIT | PRICE OR COST/UNIT | QUANTITY | VALUE COST |
|---|------|--------------------|----------|-------------------|
| 1. GROSS RECEIPTS FROM PRODUCTION | | | | |
| BELL PEPPERS | CRTN | 6.42 | 400.00 | \$ <u>2568.00</u> |
| TOTAL | | | | \$2568.00 |
| 2. VARIABLE COSTS | | | | |
| PREHARVEST | | | | |
| SEED | LBS. | 17.00 | 2.50 | \$ 42.50 |
| FERT (250-100-0) | ACRE | 67.00 | 1.00 | 67.00 |
| FERTILIZER APPLI | | 2.00 | 4.00 | 8.00 |
| FOLIAR FEED | ACRE | 7.00 | 1.00 | 7.00 |
| HERBICIDE | ACRE | 44.75 | 1.00 | 44.75 |
| INSECTICIDE | APPL | 2.62 | 15.00 | 39.30 |
| FUNGICIDE | APPL | 2.58 | 12.00 | 30.96 |
| FUNG&INSEC APPLI | APPL | 2.00 | 12.00 | 24.00 |
| IRRIGATION WATER | APPL | 4.00 | 8.00 | 32.00 |
| MACHINERY | ACRE | 5.67 | 1.00 | 5.67 |
| TRACTORS | ACRE | 30.09 | 1.00 | 30.09 |
| IRRIGATION MACHINERY | ACRE | 4.00 | 1.00 | 4.00 |
| LABOR(TRACTOR & MACHINERY) | HOUR | 4.00 | 5.00 | 20.01 |
| LABOR(IRRIGATION) | HOUR | 3.25 | 8.00 | 26.00 |
| OTHER LABOR | HOUR | 3.25 | 40.00 | 130.00 |
| INTEREST ON OP. CAP. | DOL. | 0.09 | 104.81 | <u>9.96</u> |
| SUBTOTAL, PRE-HARVEST | | | | \$ 521.24 |
| HARVEST COSTS | | | | |
| HARVESTING | CRTN | 0.90 | 400.00 | \$ 360.00 |
| PACK & CARTON | CRTN | 1.75 | 400.00 | 700.00 |
| MARKETING | CRTN | 0.30 | 400.00 | <u>120.00</u> |
| SUBTOTAL, HARVEST | | | | \$1180.00 |
| TOTAL VARIABLE COST | | | | |
| | | | | \$1701.24 |
| 3. BREAKEVEN PRICE, VARIABLE COSTS | | | | |
| | CRTN | | | 4.253 |
| 4. FIXED COSTS | | | | |
| MACHINERY | ACRE | 11.02 | 1.00 | \$ 11.02 |
| TRACTORS | ACRE | 25.29 | 1.00 | 25.29 |
| IRRIGATION MACHINERY | ACRE | 8.00 | 1.00 | 8.00 |
| LAND (NET RENT) | ACRE | 75.00 | 1.00 | <u>75.00</u> |
| TOTAL FIXED COSTS | | | | \$ 119.31 |
| 5. TOTAL COSTS | | | | |
| | | | | \$1820.55 |
| 6. BREAKEVEN PRICE, TOTAL COSTS | | | | |
| | CRTN | | | 4.551 |

1974 - 1976 FALL SEASON AVERAGE PRICE.

PACKED IN 30 POUND CARTONS.

PREPARED BY CECIL A. PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTE

BELL PEPPERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

| OPERATION | ITEM NO. | DATE | TIMES OVER | LABOR HOURS | MACHINE HOURS | FUEL, OIL, LUB., PER ACRE | FIXED REP. COSTS PER ACRE |
|----------------|----------|------|------------|-------------|---------------|---------------------------|---------------------------|
| WTR TANK&TRALR | H 3,80 | JUNE | 1.00 | 0.268 | 0.179 | 1.35 | 1.70 |
| SHREDDER | H 1,72 | JUNE | 1.00 | 0.670 | 0.446 | 6.29 | 5.59 |
| MOLDBOARD PLOW | H 1,62 | JUNE | 0.50 | 0.293 | 0.195 | 3.03 | 3.25 |
| CHISEL PLOW | H 3,64 | JUNE | 0.50 | 0.109 | 0.073 | 0.57 | 0.75 |
| DISC TILLER | H 1,74 | JUNE | 1.00 | 0.239 | 0.159 | 2.37 | 2.33 |
| FLOAT PLANE | H 3,76 | JUNE | 1.00 | 0.446 | 0.298 | 2.35 | 3.11 |
| PICKUP TRUCK | 10 | JUNE | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| BEDDER 6R | H 1,66 | JULY | 1.00 | 0.201 | 0.134 | 1.95 | 1.84 |
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| ROTOVATOR 4R | H 1,73 | JULY | 1.00 | 0.275 | 0.183 | 2.89 | 3.14 |
| HERB SPRAYR 6R | H 78 | JULY | 1.00 | 0.0 | 0.164 | 0.09 | 0.27 |
| STANHAY PLANTR | H 1,89 | JULY | 1.00 | 0.577 | 0.385 | 5.84 | 6.01 |
| HERB SPRAYR 6R | H 3,78 | JULY | 1.00 | 0.247 | 0.164 | 1.14 | 1.27 |
| PICKUP TRUCK | 10 | JULY | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| RLNG CULT 6R | H 2,65 | AUG | 1.00 | 0.179 | 0.119 | 1.24 | 1.28 |
| HERB SPRAYR 6R | H 3,78 | AUG | 1.00 | 0.247 | 0.164 | 1.14 | 1.27 |
| PICKUP TRUCK | 10 | AUG | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| RLNG CULT 6R | H 2,65 | SEPT | 1.00 | 0.179 | 0.119 | 1.24 | 1.28 |
| PICKUP TRUCK | 10 | SEPT | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| PICKUP TRUCK | 10 | OCT | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| PICKUP TRUCK | 10 | NOV | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| PICKUP TRUCK | 10 | DEC | 0.10 | 0.125 | 0.100 | 0.33 | 0.20 |
| TOTALS | | | | 5.003 | 3.617 | 35.76 | 36.31 |

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