

**BROCCOLI, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description              | Quantity | Unit                      | \$ / Unit | Total   | Your Estimate |
|---------------------------------------|----------|---------------------------|-----------|---------|---------------|
| =====                                 | =====    | =====                     | =====     | =====   | =====         |
| BROCCOLI                              | 400.000  | crtn                      | 6.0000    | 2400.00 | _____         |
| Total GROSS Income                    | .        |                           |           | 2400.00 | _____         |
| VARIABLE COST Description             | Quantity | Unit                      | \$ / Unit | Total   |               |
| =====                                 | =====    | =====                     | =====     | =====   |               |
| PREHARVEST                            |          |                           |           |         |               |
| PHOSPHATE                             | 80.000   | lb.                       | .290      | 23.20   | _____         |
| HERBICIDE                             | 1.000    | acre                      | 41.550    | 41.55   | _____         |
| SEED                                  | 1.000    | lb.                       | 96.000    | 96.00   | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| NITROGEN (LIQ)                        | 125.000  | lb.                       | .630      | 78.75   | _____         |
| INSECTICIDE                           | 1.000    | appl                      | 5.000     | 5.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| INSECTICIDE                           | 1.000    | appl                      | 5.000     | 5.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| INSECTICIDE                           | 1.000    | appl                      | 5.000     | 5.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| INSECTICIDE                           | 1.000    | appl                      | 5.000     | 5.00    | _____         |
| PESTICIDE APPL.                       | 1.000    | acre                      | 4.500     | 4.50    | _____         |
| FUNGICIDE                             | 1.000    | appl                      | 4.000     | 4.00    | _____         |
| IRRIGATION                            | 6.000    | AcIn                      | 1.333     | 8.00    | _____         |
| Fuel & Lube - Machinery               |          | Acre                      |           | 15.04   | _____         |
| Repairs - Machinery                   |          | Acre                      |           | 5.70    | _____         |
| Labor - Machinery                     | 5.222    | Hour                      | 5.001     | 26.11   | _____         |
| - Other                               | 15.000   | Hour                      | 4.500     | 67.50   | _____         |
| - Irrigation                          | 9.000    | Hour                      | 4.500     | 40.50   | _____         |
| Total PREHARVEST                      |          |                           |           | 513.36  | _____         |
| HARVEST                               |          |                           |           |         |               |
| HARVEST                               | 400.000  | crtn                      | 1.600     | 640.00  | _____         |
| PACK & COUNT                          | 400.000  | crtn                      | 2.700     | 1080.00 | _____         |
| MARKETING                             | 400.000  | bag                       | .400      | 160.00  | _____         |
| Labor - Other                         | 5.000    | Hour                      | 4.500     | 22.50   | _____         |
| Total HARVEST                         |          |                           |           | 1902.50 | _____         |
| Interest - OC Borrowed                | 120.469  | Dol.                      | 0.120     | 14.46   | _____         |
| Total VARIABLE COST                   |          |                           |           | 2430.31 | _____         |
| Break-Even Price, Total Variable Cost | \$       | 6.07 per crtn of BROCCOLI |           |         |               |
| GROSS INCOME minus VARIABLE COST      |          |                           |           | -30.31  | _____         |
| FIXED COST Description                | Unit     |                           | Total     |         |               |
| =====                                 | =====    |                           | =====     |         |               |
| Machinery and Equipment               | Acre     |                           | 145.45    |         | _____         |
| Land                                  | Acre     |                           | 90.00     |         | _____         |
| Total FIXED Cost                      |          |                           | 235.45    |         | _____         |
| Break-Even Price, Total Cost          | \$       | 6.66 per crtn of BROCCOLI |           |         |               |
| Total of ALL Cost                     |          |                           | 2665.76   |         | _____         |
| NET PROJECTED RETURNS                 |          |                           | -265.76   |         | _____         |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 12/15/92 | HARVEST                   | A                   | BROCCOLI     | 400.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|------------------|-----------------------|----------------------|----------------------|-------------------|
| 08/05/92 | PREHARVEST                | M                   | SHREDDING        | 4 ROW                 | 1.0000               |                      | .00               |
| 08/10/92 | PREHARVEST                | M                   | PLOWING          | 4 BOTTOM              | 1.0000               |                      | .00               |
| 08/15/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |
| 08/20/92 | PREHARVEST                | M                   | FLOATING         |                       | 1.0000               |                      | .00               |
| 08/25/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |
| 08/30/92 | PREHARVEST                | M                   | BEDDING          | 6 ROW                 | 1.0000               |                      | .00               |
| 09/05/92 | PREHARVEST                | M                   | APPLY FERTILIZER |                       | 1.0000               |                      | .00               |
| 09/05/92 | PREHARVEST                | E                   | PHOSPHATE        | 80.0000               | C                    | V                    | .00               |
| 09/10/92 | PREHARVEST                | M                   | SPRAYING         |                       | 1.0000               |                      | .00               |
| 09/10/92 | PREHARVEST                | E                   | HERBICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 09/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 09/15/92 | PREHARVEST                | M                   | PLANTING         | STANHAY               | 1.0000               |                      | .00               |
| 09/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 5.0000               | C                    | V                 |
| 09/15/92 | PREHARVEST                | E                   | SEED             | BROCCOLI              | 1.0000               | C                    | V                 |
| 09/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 09/20/92 | PREHARVEST                | E                   | NITROGEN (LIQ)   | 125.0000              | C                    | V                    | .00               |
| 09/30/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 09/30/92 | PREHARVEST                | E                   | INSECTICIDE      | BROCCOLI              | 1.0000               | C                    | V                 |
| 09/30/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 09/30/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 10/01/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 10/10/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 10/10/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 10/10/92 | PREHARVEST                | E                   | INSECTICIDE      | BROCCOLI              | 1.0000               | C                    | V                 |
| 10/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 10/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 10/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 5.0000               | C                    | V                 |
| 10/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 10/20/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |
| 10/22/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 10/22/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 10/30/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 10/31/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 11/03/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 11/03/92 | PREHARVEST                | E                   | INSECTICIDE      | BROCCOLI              | 1.0000               | C                    | V                 |
| 11/03/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 11/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 11/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 5.0000               | C                    | V                 |
| 11/15/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 11/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 11/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 11/20/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |
| 11/30/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 3/4 TON               | 20.0000              |                      | .00               |
| 11/30/92 | PREHARVEST                | M                   | DITCHING         |                       | .5000                |                      | .00               |
| 11/30/92 | PREHARVEST                | E                   | INSECTICIDE      | BROCCOLI              | 1.0000               | C                    | V                 |
| 11/30/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 |
| 11/30/92 | PREHARVEST                | E                   | FUNGICIDE        | BROCCOLI              | 1.0000               | C                    | V                 |
| 12/01/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 12/15/92 | HARVEST                   | H                   | HIRED LABOR      |                       | 5.0000               | C                    | V                 |
| 12/15/92 | HARVEST                   | G                   | HARVEST          | BROCCOLI              | 400.0000             | C                    | V                 |
| 12/15/92 | HARVEST                   | G                   | PACK & COUNT     | BROCCOLI              | 400.0000             | C                    | V                 |
| 12/15/92 | HARVEST                   | G                   | MARKETING        | VEGETABL              | 400.0000             | C                    | V                 |
| 12/31/92 | HARVEST                   | K                   | CASH-RENT        | BROCCOLI              | 1.0000               | F                    | .00               |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**CABBAGE, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description<br>=====     | Quantity<br>===== | Unit<br>=====            | \$ / Unit<br>===== | Total<br>===== | Your<br>Estimate<br>===== |
|---------------------------------------|-------------------|--------------------------|--------------------|----------------|---------------------------|
| CABBAGE                               | 600.000           | crtn                     | 2.7500             | 1650.00        |                           |
| Total GROSS Income                    |                   |                          |                    | 1650.00        |                           |
| VARIABLE COST Description<br>=====    | Quantity<br>===== | Unit<br>=====            | \$ / Unit<br>===== | Total<br>===== |                           |
| PREHARVEST                            |                   |                          |                    |                |                           |
| PHOSPHATE                             | 80.000            | lb.                      | .290               | 23.20          |                           |
| HERBICIDE                             | 1.000             | acre                     | 41.550             | 41.55          |                           |
| SEED                                  | 1.000             | lb.                      | 75.000             | 75.00          |                           |
| NITROGEN (LIQ)                        | 200.000           | lb.                      | .630               | 126.00         |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| IRRIGATION                            | 6.000             | AcIn                     | 1.333              | 8.00           |                           |
| INSECTICIDE                           | 1.000             | appl                     | 8.000              | 8.00           |                           |
| PESTICIDE APPL.                       | 1.000             | acre                     | 4.500              | 4.50           |                           |
| FUNGICIDE                             | 1.000             | appl                     | 6.000              | 6.00           |                           |
| Fuel & Lube - Machinery               |                   | Acre                     |                    | 13.22          |                           |
| Repairs - Machinery                   |                   | Acre                     |                    | 4.77           |                           |
| Labor - Machinery                     | 4.885             | Hour                     | 5.001              | 24.43          |                           |
| - Other                               | 24.000            | Hour                     | 4.500              | 108.00         |                           |
| - Irrigation                          | 10.500            | Hour                     | 4.500              | 47.25          |                           |
| Total PREHARVEST                      |                   |                          |                    | 642.93         |                           |
| HARVEST                               |                   |                          |                    |                |                           |
| HARVESTING                            | 600.000           | crtn                     | 1.000              | 600.00         |                           |
| MARKETING                             | 600.000           | bag                      | .400               | 240.00         |                           |
| PACK & COUNT                          | 600.000           | crtn                     | 1.750              | 1050.00        |                           |
| Labor - Other                         | 6.000             | Hour                     | 4.500              | 27.00          |                           |
| Total HARVEST                         |                   |                          |                    | 1917.00        |                           |
| Interest - OC Borrowed                | 174.235           | Dol.                     | 0.120              | 20.91          |                           |
| Total VARIABLE COST                   |                   |                          |                    | 2580.84        |                           |
| Break-Even Price, Total Variable Cost | \$                | 4.30 per crtn of CABBAGE |                    |                |                           |
| GROSS INCOME minus VARIABLE COST      |                   |                          |                    | -930.84        |                           |
| FIXED COST Description<br>=====       | Unit<br>=====     |                          | Total<br>=====     |                |                           |
| Machinery and Equipment               | Acre              |                          | 116.07             |                |                           |
| Land                                  | Acre              |                          | 75.00              |                |                           |
| Total FIXED Cost                      |                   |                          | 191.07             |                |                           |
| Break-Even Price, Total Cost          | \$                | 4.61 per crtn of CABBAGE |                    |                |                           |
| Total of ALL Cost                     |                   |                          | 2771.91            |                |                           |
| NET PROJECTED RETURNS                 |                   |                          | -1121.91           |                |                           |

Projections for Planning Purposes Only  
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B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 01/10/93 | HARVEST                   | A                   | CABBAGE      | 600.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME              | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|-------------------------|-----------------------|----------------------|----------------------|-------------------|
| 08/05/92 | PREHARVEST                | M                   | SHREDDING 4 ROW         | 1.0000                |                      |                      | .00               |
| 08/10/92 | PREHARVEST                | M                   | PLOWING 4 BOTTOM        | .5000                 |                      |                      | .00               |
| 08/15/92 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT    | 1.0000                |                      |                      | .00               |
| 08/20/92 | PREHARVEST                | M                   | FLOATING                | 1.0000                |                      |                      | .00               |
| 08/30/92 | PREHARVEST                | M                   | BEDDING 6 ROW           | 1.0000                |                      |                      | .00               |
| 09/05/92 | PREHARVEST                | E                   | PHOSPHATE               | 80.0000               | C                    | V                    | .00               |
| 09/05/92 | PREHARVEST                | M                   | APPLY FERTILIZER        | 1.0000                |                      |                      | .00               |
| 09/10/92 | PREHARVEST                | E                   | HERBICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 09/10/92 | PREHARVEST                | M                   | SPRAYING                | 1.0000                |                      |                      | .00               |
| 09/15/92 | PREHARVEST                | E                   | SEED CABBAGE            | 1.0000                | C                    | V                    | .00               |
| 09/15/92 | PREHARVEST                | H                   | HIRED LABOR             | 6.0000                |                      |                      | .00               |
| 09/15/92 | PREHARVEST                | M                   | PLANTING STANHAY        | 1.0000                |                      |                      | .00               |
| 09/19/92 | PREHARVEST                | M                   | DITCHING                | .5000                 |                      |                      | .00               |
| 09/20/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 09/20/92 | PREHARVEST                | E                   | NITROGEN (LIQ)          | 200.0000              | C                    | V                    | .00               |
| 10/05/92 | PREHARVEST                | M                   | CULTIVATING 6 ROW       | 1.0000                |                      |                      | .00               |
| 10/10/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 10/10/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 10/10/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 10/10/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 10/15/92 | PREHARVEST                | H                   | HIRED LABOR             | 6.0000                |                      |                      | .00               |
| 10/20/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 10/20/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 10/24/92 | PREHARVEST                | M                   | DITCHING                | .5000                 |                      |                      | .00               |
| 10/25/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 10/30/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 10/30/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 10/30/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 11/10/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 11/10/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 11/10/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 11/15/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 11/15/92 | PREHARVEST                | H                   | HIRED LABOR             | 6.0000                |                      |                      | .00               |
| 11/25/92 | PREHARVEST                | M                   | CULTIVATING 6 ROW       | 1.0000                |                      |                      | .00               |
| 11/29/92 | PREHARVEST                | M                   | DITCHING                | .5000                 |                      |                      | .00               |
| 11/30/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 11/30/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 11/30/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 11/30/92 | PREHARVEST                | M                   | PICKUP TRUCK 3/4 TON    | 40.0000               |                      |                      | .00               |
| 11/30/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 12/10/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 12/10/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 12/10/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 12/14/92 | PREHARVEST                | M                   | DITCHING                | .5000                 |                      |                      | .00               |
| 12/15/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 12/15/92 | PREHARVEST                | H                   | HIRED LABOR             | 6.0000                |                      |                      | .00               |
| 12/19/92 | PREHARVEST                | M                   | DITCHING                | .5000                 |                      |                      | .00               |
| 12/20/92 | PREHARVEST                | O                   | IRRIGATION              | 6.0000                |                      |                      | .00               |
| 12/30/92 | PREHARVEST                | E                   | INSECTICIDE CABBAGE     | 1.0000                | C                    | V                    | .00               |
| 12/30/92 | PREHARVEST                | G                   | PESTICIDE APPL. CABBAGE | 1.0000                | C                    | V                    | .00               |
| 12/30/92 | PREHARVEST                | E                   | FUNGICIDE CABBAGE       | 1.0000                | C                    | V                    | .00               |
| 01/10/93 | HARVEST                   | G                   | HARVESTING CABBAGE      | 600.0000              | C                    | V                    | .00               |
| 01/10/93 | HARVEST                   | G                   | MARKETING VEGETABL      | 600.0000              | C                    | V                    | .00               |
| 01/10/93 | HARVEST                   | G                   | PACK & COUNT CABBAGE    | 600.0000              | C                    | V                    | .00               |
| 01/10/93 | HARVEST                   | H                   | HIRED LABOR             | 6.0000                |                      |                      | .00               |
| 01/15/93 |                           | K                   | CASH-RENT VEGETABL      | 1.0000                |                      | F                    | .00               |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**CANTALOUPE, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description              | Quantity | Unit                        | \$ / Unit | Total   | Your Estimate |
|---------------------------------------|----------|-----------------------------|-----------|---------|---------------|
| =====                                 | =====    | =====                       | =====     | =====   | =====         |
| CANTALOUPE                            | 395.000  | crtn                        | 6.5000    | 2567.50 |               |
| Total GROSS Income                    |          |                             |           | 2567.50 |               |
| VARIABLE COST Description             | Quantity | Unit                        | \$ / Unit | Total   |               |
| =====                                 | =====    | =====                       | =====     | =====   |               |
| PREHARVEST                            |          |                             |           |         |               |
| PHOSPHATE                             | 80.000   | lb.                         | .290      | 23.20   |               |
| HERBICIDE                             | 1.000    | acre                        | 8.000     | 8.00    |               |
| NEMATOCIDE                            | 1.000    | acre                        | 40.000    | 40.00   |               |
| SEED                                  | 1.000    | lb.                         | 97.000    | 97.00   |               |
| NITROGEN                              | 120.000  | lb.                         | .310      | 37.20   |               |
| IRRIGATION                            | 6.000    | AcIn                        | 1.333     | 8.00    |               |
| IRRIGATION                            | 6.000    | AcIn                        | 1.333     | 8.00    |               |
| INSECTICIDE                           | 1.000    | appl                        | 3.500     | 3.50    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| BEE RENT                              | 1.500    | hive                        | 40.000    | 60.00   |               |
| IRRIGATION                            | 6.000    | AcIn                        | 1.333     | 8.00    |               |
| HERBICIDE                             | 1.000    | acre                        | 8.000     | 8.00    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| INSECTICIDE                           | 1.000    | appl                        | 3.500     | 3.50    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| IRRIGATION                            | 6.000    | AcIn                        | 1.333     | 8.00    |               |
| INSECTICIDE                           | 1.000    | appl                        | 3.500     | 3.50    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| FUNGICIDE                             | 1.000    | appl                        | 5.500     | 5.50    |               |
| PESTICIDE APPL.                       | 1.000    | acre                        | 4.500     | 4.50    |               |
| IRRIGATION                            | 6.000    | AcIn                        | 1.333     | 8.00    |               |
| INSECTICIDE                           | 1.000    | appl                        | 3.500     | 3.50    |               |
| Fuel & Lube - Machinery               |          | Acre                        |           | 16.13   |               |
| Repairs - Machinery                   |          | Acre                        |           | 6.13    |               |
| Labor - Machinery                     | 4.513    | Hour                        | 5.001     | 22.57   |               |
| - Other                               | 10.000   | Hour                        | 4.500     | 45.00   |               |
| - Irrigation                          | 7.500    | Hour                        | 4.500     | 33.75   |               |
| Total PREHARVEST                      |          |                             |           | 514.48  |               |
| HARVEST                               |          |                             |           |         |               |
| HARVESTING                            | 395.000  | crtn                        | 1.250     | 493.75  |               |
| PACK & COUNT                          | 395.000  | crtn                        | 2.300     | 908.49  |               |
| MARKETING                             | 395.000  | crtn                        | .500      | 197.50  |               |
| Total HARVEST                         |          |                             |           | 1599.75 |               |
| Interest - DC Borrowed                | 174.469  | Dol.                        | 0.120     | 20.94   |               |
| Total VARIABLE COST                   |          |                             |           | 2135.16 |               |
| Break-Even Price, Total Variable Cost | \$       | 5.40 per crtn of CANTALOUPE |           |         |               |
| GROSS INCOME minus VARIABLE COST      |          |                             |           | 432.34  |               |
| FIXED COST Description                | Unit     | Total                       |           |         |               |
| =====                                 | =====    | =====                       |           |         |               |
| Machinery and Equipment               | Acre     | 89.69                       |           |         |               |
| Land                                  | Acre     | 90.00                       |           |         |               |
| Total FIXED Cost                      |          | 179.69                      |           |         |               |
| Break-Even Price, Total Cost          | \$       | 5.86 per crtn of CANTALOUPE |           |         |               |
| Total of ALL Cost                     |          |                             |           | 2314.85 |               |
| NET PROJECTED RETURNS                 |          |                             |           | 252.65  |               |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 06/20/92 | HARVEST                   | A                   | CANTALOUPE   | 395.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |     |
|----------|---------------------------|---------------------|------------------|-----------------------|----------------------|----------------------|-------------------|-----|
| 09/11/91 | PREHARVEST                | M                   | SHREDDING        | 4 ROW                 | 1.0000               |                      | .00               |     |
| 09/21/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |     |
| 10/11/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |     |
| 10/16/91 | PREHARVEST                | M                   | PLOWING          | 4 BOTTOM              | .5000                |                      | .00               |     |
| 10/16/91 | PREHARVEST                | M                   | CHISELING        | 18 FT                 | .5000                |                      | .00               |     |
| 10/21/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |     |
| 10/26/91 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 11/16/91 | PREHARVEST                | M                   | FLOATING         |                       | 1.0000               |                      | .00               |     |
| 11/21/91 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 12/21/91 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 01/11/92 | PREHARVEST                | M                   | BEDDING          | 6 ROW                 | 1.0000               |                      | .00               |     |
| 01/16/92 | PREHARVEST                | M                   | APPLY FERTILIZER |                       | 1.0000               |                      | .00               |     |
| 01/16/92 | PREHARVEST                | E                   | PHOSPHATE        | 80.0000               | C                    | V                    | .00               |     |
| 01/21/92 | PREHARVEST                | M                   | SPRAYING         |                       | 1.0000               |                      | .00               |     |
| 01/21/92 | PREHARVEST                | E                   | HERBICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 01/21/92 | PREHARVEST                | E                   | NEMATICIDE       |                       | 1.0000               | C                    | V                 | .00 |
| 02/06/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 02/11/92 | PREHARVEST                | M                   | PLANTING         | STANHAY               | 1.0000               |                      | .00               |     |
| 02/11/92 | PREHARVEST                | E                   | SEED             | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 02/15/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |     |
| 02/16/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |     |
| 02/16/92 | PREHARVEST                | E                   | NITROGEN         | 120.0000              | C                    | V                    | .00               |     |
| 02/29/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 3/4 TON               | 20.0000              |                      | .00               |     |
| 02/29/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |     |
| 03/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |     |
| 03/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |     |
| 03/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 5.0000               |                      | .00               |     |
| 03/15/92 | PREHARVEST                | E                   | INSECTICIDE      | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 03/15/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 03/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 03/15/92 | PREHARVEST                | G                   | BEE RENT         |                       | 1.5000               | C                    | V                 | .00 |
| 03/20/92 | PREHARVEST                | M                   | SPRAYING         |                       | 1.0000               |                      | .00               |     |
| 03/20/92 | PREHARVEST                | E                   | HERBICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 03/25/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 03/30/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 03/30/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 04/05/92 | PREHARVEST                | E                   | INSECTICIDE      | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 04/05/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 04/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 04/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |     |
| 04/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |     |
| 04/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 5.0000               |                      | .00               |     |
| 04/25/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |     |
| 04/25/92 | PREHARVEST                | E                   | INSECTICIDE      | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 04/25/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 04/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 05/05/92 | PREHARVEST                | E                   | INSECTICIDE      | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 05/05/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 05/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 05/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |     |
| 05/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |     |
| 05/15/92 | PREHARVEST                | E                   | FUNGICIDE        | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 05/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C                    | V                 | .00 |
| 05/25/92 | PREHARVEST                | E                   | INSECTICIDE      | CANTAL                | 1.0000               | C                    | V                 | .00 |
| 06/20/92 | HARVEST                   | G                   | HARVESTING       | CANTAL                | 395.0000             | C                    | V                 | .00 |
| 06/20/92 | HARVEST                   | G                   | PACK & COUNT     | CANTAL                | 395.0000             | C                    | V                 | .00 |
| 06/20/92 | HARVEST                   | G                   | MARKETING        | CANTAL                | 395.0000             | C                    | V                 | .00 |
| 06/30/92 |                           | K                   | CASH-RENT        | CANTAL                | 1.0000               | F                    | .00               |     |

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**CARROTS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                          | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|-------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| =====                                                             | =====    | ===== | =====     | =====   | =====         |
| CARROTS                                                           | 350.000  | bags  | 4.5000    | 1575.00 |               |
| Total GROSS Income                                                |          |       |           | 1575.00 |               |
| VARIABLE COST Description                                         | Quantity | Unit  | \$ / Unit | Total   |               |
| =====                                                             | =====    | ===== | =====     | =====   |               |
| PREHARVEST                                                        |          |       |           |         |               |
| PHOSPHATE                                                         | 80.000   | lb.   | .290      | 23.20   |               |
| HERBICIDE                                                         | 1.000    | acre  | 13.000    | 13.00   |               |
| NEMATICIDE                                                        | 1.000    | acre  | 40.000    | 40.00   |               |
| SEED                                                              | 3.000    | lb.   | 6.500     | 19.50   |               |
| NITROGEN (LIQ)                                                    | 120.000  | lb.   | .630      | 75.60   |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| HERBICIDE                                                         | 1.000    | acre  | 13.000    | 13.00   |               |
| INSECTICIDE                                                       | 1.000    | appl  | 8.670     | 8.67    |               |
| FUNGICIDE                                                         | 1.000    | appl  | 4.000     | 4.00    |               |
| PESTICIDE APPL.                                                   | 1.000    | acre  | 4.500     | 4.50    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| INSECTICIDE                                                       | 1.000    | appl  | 8.670     | 8.67    |               |
| FUNGICIDE                                                         | 1.000    | appl  | 4.000     | 4.00    |               |
| PESTICIDE APPL.                                                   | 1.000    | acre  | 4.500     | 4.50    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| INSECTICIDE                                                       | 1.000    | appl  | 8.670     | 8.67    |               |
| FUNGICIDE                                                         | 1.000    | appl  | 4.000     | 4.00    |               |
| PESTICIDE APPL.                                                   | 1.000    | acre  | 4.500     | 4.50    |               |
| Fuel & Lube - Machinery                                           |          | Acres |           | 18.67   |               |
| Repairs - Machinery                                               |          | Acres |           | 6.43    |               |
| Labor - Machinery                                                 | 4.784    | Hour  | 5.001     | 23.93   |               |
| - Irrigation                                                      | 6.000    | Hour  | 4.500     | 27.00   |               |
| Total PREHARVEST                                                  |          |       |           | 352.33  |               |
| HARVEST                                                           |          |       |           |         |               |
| HARVEST                                                           | 350.000  | bag   | 1.100     | 385.00  |               |
| PACK & COUNT                                                      | 350.000  | crtn  | 2.400     | 840.00  |               |
| MARKETING                                                         | 350.000  | bag   | .400      | 140.00  |               |
| Total HARVEST                                                     |          |       |           | 1365.00 |               |
| Interest - OC Borrowed                                            | 116.711  | Dol.  | 0.120     | 14.01   |               |
| Total VARIABLE COST                                               |          |       |           | 1731.34 |               |
| Break-Even Price, Total Variable Cost \$ 4.94 per bags of CARROTS |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                  |          |       |           | -156.34 |               |
| FIXED COST Description                                            |          | Unit  |           | Total   |               |
| =====                                                             |          | ===== |           | =====   |               |
| Machinery and Equipment                                           |          | Acres |           | 89.48   |               |
| Land                                                              |          | Acres |           | 75.00   |               |
| Total FIXED Cost                                                  |          |       |           | 164.48  |               |
| Break-Even Price, Total Cost \$ 5.41 per bags of CARROTS          |          |       |           |         |               |
| Total of ALL Cost                                                 |          |       |           | 1895.82 |               |
| NET PROJECTED RETURNS                                             |          |       |           | -320.82 |               |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 02/10/93 | HARVEST                   | A                   | CARROTS      | 350.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|------------------|-----------------------|----------------------|----------------------|-------------------|
| 08/05/92 | PREHARVEST                | M                   | HAULING          | 1.0000                |                      |                      | .00               |
| 08/10/92 | PREHARVEST                | M                   | SHREDDING        | 1.0000                |                      |                      | .00               |
| 08/15/92 | PREHARVEST                | M                   | PLOWING          | .5000                 |                      |                      | .00               |
| 08/15/92 | PREHARVEST                | M                   | CHISELING        | .5000                 |                      |                      | .00               |
| 08/20/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                      | .00               |
| 08/30/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                      | .00               |
| 09/05/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                      | .00               |
| 09/15/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                      | .00               |
| 09/20/92 | PREHARVEST                | M                   | BEDDING          | 1.0000                |                      |                      | .00               |
| 09/25/92 | PREHARVEST                | E                   | PHOSPHATE        | 80.0000               | C                    | V                    | .00               |
| 09/25/92 | PREHARVEST                | M                   | APPLY FERTILIZER | 1.0000                |                      |                      | .00               |
| 10/05/92 | PREHARVEST                | M                   | SPRAYING         | 1.0000                |                      |                      | .00               |
| 10/05/92 | PREHARVEST                | E                   | HERBICIDE        | 1.0000                | C                    | V                    | .00               |
| 10/05/92 | PREHARVEST                | E                   | NEMATICIDE       | 1.0000                | C                    | V                    | .00               |
| 10/10/92 | PREHARVEST                | E                   | SEED             | 3.0000                | C                    | V                    | .00               |
| 10/10/92 | PREHARVEST                | M                   | PLANTING         | 1.0000                |                      |                      | .00               |
| 10/14/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                      | .00               |
| 10/15/92 | PREHARVEST                | O                   | IRRIGATION       | 6.0000                |                      |                      | .00               |
| 10/15/92 | PREHARVEST                | E                   | NITROGEN (LIQ)   | 120.0000              | C                    | V                    | .00               |
| 10/20/92 | PREHARVEST                | E                   | HERBICIDE        | 1.0000                | C                    | V                    | .00               |
| 10/20/92 | PREHARVEST                | M                   | SPRAYING         | 1.0000                |                      |                      | .00               |
| 10/25/92 | PREHARVEST                | M                   | CULTIVATING      | 1.0000                |                      |                      | .00               |
| 11/10/92 | PREHARVEST                | E                   | INSECTICIDE      | 1.0000                | C                    | V                    | .00               |
| 11/10/92 | PREHARVEST                | E                   | FUNGICIDE        | 1.0000                | C                    | V                    | .00               |
| 11/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.  | 1.0000                | C                    | V                    | .00               |
| 11/14/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                      | .00               |
| 11/15/92 | PREHARVEST                | O                   | IRRIGATION       | 6.0000                |                      |                      | .00               |
| 11/30/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 40.0000               |                      |                      | .00               |
| 12/10/92 | PREHARVEST                | E                   | INSECTICIDE      | 1.0000                | C                    | V                    | .00               |
| 12/10/92 | PREHARVEST                | E                   | FUNGICIDE        | 1.0000                | C                    | V                    | .00               |
| 12/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.  | 1.0000                | C                    | V                    | .00               |
| 12/14/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                      | .00               |
| 12/15/92 | PREHARVEST                | O                   | IRRIGATION       | 6.0000                |                      |                      | .00               |
| 01/10/93 | PREHARVEST                | E                   | INSECTICIDE      | 1.0000                | C                    | V                    | .00               |
| 01/10/93 | PREHARVEST                | E                   | FUNGICIDE        | 1.0000                | C                    | V                    | .00               |
| 01/10/93 | PREHARVEST                | G                   | PESTICIDE APPL.  | 1.0000                | C                    | V                    | .00               |
| 01/14/93 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                      | .00               |
| 01/15/93 | PREHARVEST                | O                   | IRRIGATION       | 6.0000                |                      |                      | .00               |
| 01/20/93 | PREHARVEST                | M                   | CULTIVATING      | 1.0000                |                      |                      | .00               |
| 01/25/93 | PREHARVEST                | E                   | FUNGICIDE        | 1.0000                | C                    | V                    | .00               |
| 01/25/93 | PREHARVEST                | G                   | PESTICIDE APPL.  | 1.0000                | C                    | V                    | .00               |
| 02/10/93 | HARVEST                   | G                   | HARVEST          | 350.0000              | C                    | V                    | .00               |
| 02/10/93 | HARVEST                   | G                   | PACK & COUNT     | 350.0000              | C                    | V                    | .00               |
| 02/10/93 | HARVEST                   | G                   | MARKETING        | 350.0000              | C                    | V                    | .00               |
| 02/15/93 | HARVEST                   | K                   | CASH-RENT        | 1.0000                |                      | F                    | .00               |

**CUCUMBERS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description<br>=====                                   | Quantity<br>===== | Unit<br>===== | \$ / Unit<br>===== | Total<br>===== | Your<br>Estimate<br>===== |
|---------------------------------------------------------------------|-------------------|---------------|--------------------|----------------|---------------------------|
| CUCUMBERS                                                           | 275.000           | crtn          | 5.7500             | 1581.25        | _____                     |
| Total GROSS Income                                                  |                   |               |                    | 1581.25        | _____                     |
| VARIABLE COST Description<br>=====                                  | Quantity<br>===== | Unit<br>===== | \$ / Unit<br>===== | Total<br>===== |                           |
| PREHARVEST                                                          |                   |               |                    |                |                           |
| PHOSPHATE                                                           | 60.000            | lb.           | .290               | 17.40          | _____                     |
| HERBICIDE                                                           | 1.000             | acre          | 8.000              | 8.00           | _____                     |
| SEED                                                                | 2.500             | lb.           | 8.000              | 20.00          | _____                     |
| NITROGEN (LIQ)                                                      | 100.000           | lb.           | .630               | 63.00          | _____                     |
| IRRIGATION                                                          | 6.000             | AcIn          | 1.333              | 8.00           | _____                     |
| INSECTICIDE                                                         | 1.000             | appl          | 6.000              | 6.00           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| HERBICIDE                                                           | 1.000             | acre          | 8.000              | 8.00           | _____                     |
| FUNGICIDE                                                           | 1.000             | appl          | 4.000              | 4.00           | _____                     |
| IRRIGATION                                                          | 6.000             | AcIn          | 1.333              | 8.00           | _____                     |
| INSECTICIDE                                                         | 1.000             | appl          | 6.000              | 6.00           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| IRRIGATION                                                          | 6.000             | AcIn          | 1.333              | 8.00           | _____                     |
| BEE RENT                                                            | 1.500             | hive          | 40.000             | 60.00          | _____                     |
| FUNGICIDE                                                           | 1.000             | appl          | 4.000              | 4.00           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| FUNGICIDE                                                           | 1.000             | appl          | 4.000              | 4.00           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| IRRIGATION                                                          | 6.000             | AcIn          | 1.333              | 8.00           | _____                     |
| INSECTICIDE                                                         | 1.000             | appl          | 6.000              | 6.00           | _____                     |
| PESTICIDE APPL.                                                     | 1.000             | acre          | 4.500              | 4.50           | _____                     |
| Fuel & Lube - Machinery                                             |                   | Acre          |                    | 9.20           | _____                     |
| Repairs - Machinery                                                 |                   | Acre          |                    | 3.44           | _____                     |
| Labor - Machinery                                                   | 2.846             | Hour          | 5.001              | 14.23          | _____                     |
| - Other                                                             | 15.000            | Hour          | 4.500              | 67.50          | _____                     |
| - Irrigation                                                        | 6.000             | Hour          | 4.500              | 27.00          | _____                     |
| Total PREHARVEST                                                    |                   |               |                    | 386.78         | _____                     |
| HARVEST                                                             |                   |               |                    |                |                           |
| HARVEST                                                             | 275.000           | crtn          | 1.500              | 412.50         | _____                     |
| PACK & COUNT                                                        | 275.000           | crtn          | 1.800              | 494.99         | _____                     |
| MARKETING                                                           | 275.000           | crtn          | .450               | 123.74         | _____                     |
| Total HARVEST                                                       |                   |               |                    | 1031.25        | _____                     |
| Interest - OC Borrowed                                              | 60.670            | Dol.          | 0.120              | 7.28           | _____                     |
| Total VARIABLE COST                                                 |                   |               |                    | 1425.31        | _____                     |
| Break-Even Price, Total Variable Cost \$ 5.18 per crtn of CUCUMBERS |                   |               |                    |                |                           |
| GROSS INCOME minus VARIABLE COST                                    |                   |               |                    | 155.94         | _____                     |
| FIXED COST Description<br>=====                                     |                   | Unit<br>===== |                    | Total<br>===== |                           |
| Machinery and Equipment                                             |                   | Acre          |                    | 49.09          | _____                     |
| Land                                                                |                   | Acre          |                    | 75.00          | _____                     |
| Total FIXED Cost                                                    |                   |               |                    | 124.09         | _____                     |
| Break-Even Price, Total Cost \$ 5.63 per crtn of CUCUMBERS          |                   |               |                    |                |                           |
| Total of ALL Cost                                                   |                   |               |                    | 1549.40        | _____                     |
| NET PROJECTED RETURNS                                               |                   |               |                    | 31.85          | _____                     |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 05/05/92 | HARVEST                   | A                   | CUCUMBERS    | 275.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME            | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|-----------------------|-----------------------|----------------------|----------------------|-------------------|
| 01/11/92 | PREHARVEST                | M                   | SHREDDING 4 ROW       | 1.0000                |                      |                      | .00               |
| 01/21/92 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT  | 1.0000                |                      |                      | .00               |
| 01/26/92 | PREHARVEST                | E                   | PHOSPHATE             | 60.0000               | C                    | V                    | .00               |
| 01/26/92 | PREHARVEST                | M                   | APPLY FERTILIZER      | 1.0000                |                      |                      | .00               |
| 01/30/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 02/06/92 | PREHARVEST                | M                   | BEDDING 6 ROW         | 1.0000                |                      |                      | .00               |
| 02/11/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 02/11/92 | PREHARVEST                | E                   | HERBICIDE CUCUMBER    | 1.0000                | C                    | V                    | .00               |
| 02/11/92 | PREHARVEST                | M                   | SPRAYING              | 1.0000                |                      |                      | .00               |
| 02/15/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 02/16/92 | PREHARVEST                | E                   | SEED CUCUMBER         | 2.5000                | C                    | V                    | .00               |
| 02/16/92 | PREHARVEST                | M                   | PLANTING STANHAY      | 1.0000                |                      |                      | .00               |
| 02/16/92 | PREHARVEST                | H                   | HIRED LABOR           | 5.0000                |                      |                      | .00               |
| 02/21/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 02/21/92 | PREHARVEST                | E                   | NITROGEN (LIQ)        | 100.0000              | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | E                   | INSECTICIDE CUCUMBER  | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 02/29/92 | PREHARVEST                | M                   | PICKUP TRUCK 3/4 TON  | 20.0000               |                      |                      | .00               |
| 03/09/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 03/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 03/10/92 | PREHARVEST                | M                   | SPRAYING              | 1.0000                |                      |                      | .00               |
| 03/10/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 03/10/92 | PREHARVEST                | E                   | HERBICIDE CUCUMBER    | 1.0000                | C                    | V                    | .00               |
| 03/10/92 | PREHARVEST                | E                   | FUNGICIDE CUCUMBER    | 1.0000                | C                    | V                    | .00               |
| 03/15/92 | PREHARVEST                | H                   | HIRED LABOR           | 5.0000                |                      |                      | .00               |
| 03/20/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 03/25/92 | PREHARVEST                | E                   | INSECTICIDE CUCUMBER  | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 03/30/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 04/01/92 | PREHARVEST                | G                   | BEE RENT              | 1.5000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | E                   | FUNGICIDE CUCUMBER    | 1.0000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 04/15/92 | PREHARVEST                | H                   | HIRED LABOR           | 5.0000                |                      |                      | .00               |
| 04/17/92 | PREHARVEST                | E                   | FUNGICIDE CUCUMBER    | 1.0000                | C                    | V                    | .00               |
| 04/17/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 04/19/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 04/20/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 04/22/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 04/25/92 | PREHARVEST                | E                   | INSECTICIDE CUCUMBER  | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 05/05/92 | HARVEST                   | G                   | HARVEST CUCUMBER      | 275.0000              | C                    | V                    | .00               |
| 05/05/92 | HARVEST                   | G                   | PACK & COUNT CUCUMBER | 275.0000              | C                    | V                    | .00               |
| 05/05/92 | HARVEST                   | G                   | MARKETING CUCUMBER    | 275.0000              | C                    | V                    | .00               |
| 05/15/92 | HARVEST                   | K                   | CASH-RENT VEGETABL    | 1.0000                |                      | F                    | .00               |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**HONEYDEWS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                            | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|---------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| =====                                                               | =====    | ===== | =====     | =====   | =====         |
| HONEYDEWS                                                           | 600.000  | crtn  | 4.5000    | 2700.00 | _____         |
| Total GROSS Income                                                  |          |       |           | 2700.00 | _____         |
| VARIABLE COST Description                                           | Quantity | Unit  | \$ / Unit | Total   |               |
| =====                                                               | =====    | ===== | =====     | =====   |               |
| PREHARVEST                                                          |          |       |           |         |               |
| PHOSPHATE                                                           | 80.000   | lb.   | .290      | 23.20   | _____         |
| HERBICIDE                                                           | 1.000    | acre  | 8.000     | 8.00    | _____         |
| SEED                                                                | 3.000    | lb.   | 6.000     | 18.00   | _____         |
| NEMATICIDE                                                          | 1.000    | acre  | 40.000    | 40.00   | _____         |
| NITROGEN (LIQ)                                                      | 120.000  | lb.   | .630      | 75.60   | _____         |
| IRRIGATION                                                          | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| BEE RENT                                                            | 1.500    | hive  | 40.000    | 60.00   | _____         |
| IRRIGATION                                                          | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                          | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| INSECTICIDE                                                         | 1.000    | appl  | 8.000     | 8.00    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| HERBICIDE                                                           | 1.000    | acre  | 8.000     | 8.00    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| INSECTICIDE                                                         | 1.000    | appl  | 8.000     | 8.00    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| IRRIGATION                                                          | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| INSECTICIDE                                                         | 1.000    | appl  | 8.000     | 8.00    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| INSECTICIDE                                                         | 1.000    | appl  | 8.000     | 8.00    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| IRRIGATION                                                          | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| FUNGICIDE                                                           | 1.000    | appl  | 5.500     | 5.50    | _____         |
| INSECTICIDE                                                         | 1.000    | appl  | 8.000     | 8.00    | _____         |
| PESTICIDE APPL.                                                     | 1.000    | acre  | 4.500     | 4.50    | _____         |
| Fuel & Lube - Machinery                                             |          | Acre  |           | 13.63   | _____         |
| Repairs - Machinery                                                 |          | Acre  |           | 4.95    | _____         |
| Labor - Machinery                                                   | 3.820    | Hour  | 5.001     | 19.11   | _____         |
| - Other                                                             | 10.000   | Hour  | 4.500     | 45.00   | _____         |
| - Irrigation                                                        | 7.500    | Hour  | 4.500     | 33.75   | _____         |
| Total PREHARVEST                                                    |          |       |           | 489.24  | _____         |
| HARVEST                                                             |          |       |           |         |               |
| HARVESTING                                                          | 600.000  | crtn  | 1.000     | 600.00  | _____         |
| PACK & COUNT                                                        | 600.000  | crtn  | 2.000     | 1200.00 | _____         |
| MARKETING                                                           | 600.000  | bag   | .400      | 240.00  | _____         |
| Total HARVEST                                                       |          |       |           | 2040.00 | _____         |
| Interest - OC Borrowed                                              | 143.432  | Dol.  | 0.120     | 17.21   | _____         |
| Total VARIABLE COST                                                 |          |       |           | 2546.45 | _____         |
| Break-Even Price, Total Variable Cost \$ 4.24 per crtn of HONEYDEWS |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                    |          |       |           | 153.55  | _____         |
| FIXED COST Description                                              |          | Unit  |           | Total   |               |
| =====                                                               |          | ===== |           | =====   |               |
| Machinery and Equipment                                             |          | Acre  |           | 71.75   | _____         |
| Land                                                                |          | Acre  |           | 75.00   | _____         |
| Total FIXED Cost                                                    |          |       |           | 146.75  | _____         |
| Break-Even Price, Total Cost \$ 4.48 per crtn of HONEYDEWS          |          |       |           |         |               |
| Total of ALL Cost                                                   |          |       |           | 2693.20 | _____         |
| NET PROJECTED RETURNS                                               |          |       |           | 6.80    | _____         |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 06/10/92 | HARVEST                   | A                   | HONEYDEMS    | 600.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME            | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|-----------------------|-----------------------|----------------------|----------------------|-------------------|
| 09/11/91 | PREHARVEST                | M                   | SHREDDING 4 ROW       | 1.0000                |                      |                      | .00               |
| 09/21/91 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT  | 1.0000                |                      |                      | .00               |
| 10/16/91 | PREHARVEST                | M                   | PLOWING 4 BOTTOM      | .5000                 |                      |                      | .00               |
| 10/16/91 | PREHARVEST                | M                   | CHISELING 18 FT       | .5000                 |                      |                      | .00               |
| 11/21/91 | PREHARVEST                | M                   | FLOATING              | 1.0000                |                      |                      | .00               |
| 11/21/91 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 12/16/91 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 01/06/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 01/11/92 | PREHARVEST                | E                   | PHOSPHATE             | 80.0000               | C                    | V                    | .00               |
| 01/11/92 | PREHARVEST                | M                   | APPLY FERTILIZER      | 1.0000                |                      |                      | .00               |
| 01/16/92 | PREHARVEST                | M                   | BEDDING 6 ROW         | 1.0000                |                      |                      | .00               |
| 01/21/92 | PREHARVEST                | E                   | HERBICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 01/21/92 | PREHARVEST                | M                   | SPRAYING              | 1.0000                |                      |                      | .00               |
| 02/01/92 | PREHARVEST                | M                   | PICKUP TRUCK 3/4 TON  | 20.0000               |                      |                      | .00               |
| 02/02/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 02/06/92 | PREHARVEST                | M                   | PLANTING STANHAY      | 1.0000                |                      |                      | .00               |
| 02/06/92 | PREHARVEST                | E                   | SEED HONEYDEW         | 3.0000                | C                    | V                    | .00               |
| 02/06/92 | PREHARVEST                | E                   | NEMATICIDE            | 1.0000                | C                    | V                    | .00               |
| 02/15/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 02/16/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 02/16/92 | PREHARVEST                | H                   | HIRED LABOR           | 3.0000                |                      |                      | .00               |
| 02/16/92 | PREHARVEST                | E                   | NITROGEN (LIQ)        | 120.0000              | C                    | V                    | .00               |
| 02/29/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 02/29/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 02/29/92 | PREHARVEST                | G                   | BEE RENT              | 1.5000                | C                    | V                    | .00               |
| 02/29/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 03/05/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 03/14/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 03/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 03/15/92 | PREHARVEST                | H                   | HIRED LABOR           | 3.0000                |                      |                      | .00               |
| 03/20/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 03/20/92 | PREHARVEST                | E                   | INSECTICIDE HONEYDEW  | 1.0000                | C                    | V                    | .00               |
| 03/20/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | M                   | SPRAYING              | 1.0000                |                      |                      | .00               |
| 03/25/92 | PREHARVEST                | E                   | HERBICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | E                   | INSECTICIDE HONEYDEW  | 1.0000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 04/14/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 04/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 04/15/92 | PREHARVEST                | H                   | HIRED LABOR           | 3.0000                |                      |                      | .00               |
| 04/25/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | E                   | INSECTICIDE HONEYDEW  | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 05/10/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 05/10/92 | PREHARVEST                | E                   | INSECTICIDE HONEYDEW  | 1.0000                | C                    | V                    | .00               |
| 05/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 05/14/92 | PREHARVEST                | M                   | DITCHING              | .0100                 |                      |                      | .00               |
| 05/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 05/15/92 | PREHARVEST                | H                   | HIRED LABOR           | 1.0000                |                      |                      | .00               |
| 05/25/92 | PREHARVEST                | E                   | FUNGICIDE HONEYDEW    | 1.0000                | C                    | V                    | .00               |
| 05/25/92 | PREHARVEST                | E                   | INSECTICIDE HONEYDEW  | 1.0000                | C                    | V                    | .00               |
| 05/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 06/10/92 | HARVEST                   | G                   | HARVESTING HONEYDEW   | 600.0000              | C                    | V                    | .00               |
| 06/10/92 | HARVEST                   | G                   | PACK & COUNT HONEYDEW | 600.0000              | C                    | V                    | .00               |
| 06/10/92 | HARVEST                   | G                   | MARKETING VEGETABL    | 600.0000              | C                    | V                    | .00               |
| 06/15/92 |                           | K                   | CASH-RENT VEGETABL    | 1.0000                |                      | F                    | .00               |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**LETTUCE, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                          | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|-------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| =====                                                             | =====    | ===== | =====     | =====   | =====         |
| LETTUCE                                                           | 400.000  | crtn  | 4.7000    | 1880.00 |               |
|                                                                   |          |       |           | =====   |               |
| Total GROSS Income                                                |          |       |           | 1880.00 |               |
|                                                                   |          |       |           |         |               |
| VARIABLE COST Description                                         | Quantity | Unit  | \$ / Unit | Total   |               |
| =====                                                             | =====    | ===== | =====     | =====   |               |
| PREHARVEST                                                        |          |       |           |         |               |
| HERBICIDE                                                         | 1.000    | acre  | 17.600    | 17.60   |               |
| NITROGEN (DRY)                                                    | 100.000  | lb.   | .310      | 31.00   |               |
| PHOSPHATE                                                         | 80.000   | lb.   | .290      | 23.20   |               |
| SEED                                                              | 1.000    | lb.   | 70.000    | 70.00   |               |
| INSECTICIDE                                                       | 16.000   | appl  | 6.120     | 97.92   |               |
| PESTICIDE APPL.                                                   | 16.000   | acre  | 4.500     | 72.00   |               |
| 4-29-2                                                            | 30.000   | gal.  | 1.100     | 33.00   |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| 32-0-0                                                            | 30.000   | gal.  | .630      | 18.90   |               |
| CALCIUM NITRATE                                                   | 10.000   | gal.  | 1.100     | 11.00   |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| FUNGICIDE                                                         | 10.000   | appl  | 4.630     | 46.30   |               |
| NEMATOCIDE                                                        | 1.000    | acre  | 40.000    | 40.00   |               |
| NITROGEN (DRY)                                                    | 30.000   | lb.   | .310      | 9.30    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| NITROGEN (DRY)                                                    | 25.000   | lb.   | .310      | 7.75    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| NITROGEN (DRY)                                                    | 25.000   | lb.   | .310      | 7.75    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                        | 6.000    | AcIn  | 1.333     | 8.00    |               |
| Fuel & Lube - Machinery                                           |          | Acre  |           | 13.35   |               |
| Repairs - Machinery                                               |          | Acre  |           | 4.73    |               |
| Labor - Machinery                                                 | 4.545    | Hour  | 5.001     | 22.73   |               |
| - Other                                                           | 35.000   | Hour  | 5.000     | 175.00  |               |
| - Irrigation                                                      | 12.000   | Hour  | 4.500     | 54.00   |               |
|                                                                   |          |       |           | -----   |               |
| Total PREHARVEST                                                  |          |       |           | 819.54  |               |
| HARVEST                                                           |          |       |           |         |               |
| HARVESTING                                                        | 400.000  | crtn  | 1.000     | 400.00  |               |
| PACKING & CONT.                                                   | 400.000  | crtn  | 1.000     | 400.00  |               |
| MARKETING                                                         | 400.000  | bag   | .400      | 160.00  |               |
|                                                                   |          |       |           | -----   |               |
| Total HARVEST                                                     |          |       |           | 960.00  |               |
|                                                                   |          |       |           |         |               |
| Interest - OC Borrowed                                            | 206.510  | Dol.  | 0.120     | 24.78   |               |
|                                                                   |          |       |           | =====   |               |
| Total VARIABLE COST                                               |          |       |           | 1804.32 |               |
|                                                                   |          |       |           |         |               |
| Break-Even Price, Total Variable Cost \$ 4.51 per crtn of LETTUCE |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                  |          |       |           | 75.68   |               |
|                                                                   |          |       |           |         |               |
| FIXED COST Description                                            |          | Unit  |           | Total   |               |
| =====                                                             |          | ===== |           | =====   |               |
| Machinery and Equipment                                           |          | Acre  |           | 77.96   |               |
| Land                                                              |          | Acre  |           | 75.00   |               |
|                                                                   |          |       |           | =====   |               |
| Total FIXED Cost                                                  |          |       |           | 152.96  |               |
|                                                                   |          |       |           |         |               |
| Break-Even Price, Total Cost \$ 4.89 per crtn of LETTUCE          |          |       |           |         |               |
| Total of ALL Cost                                                 |          |       |           | 1957.28 |               |
|                                                                   |          |       |           |         |               |
| NET PROJECTED RETURNS                                             |          |       |           | -77.28  |               |

Projections for Planning Purposes Only  
 Not to be Used without Updating after October 24, 1992.

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT<br>NAME  | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|------------------|-----------------------|----------------------|-----------------------|----------------------|-------------------|------------------------|
| 01/25/93 | HARVEST                   | A                   | LETTUCE          | 400.0000              | C                    | .0000                 | C                    | .00               | Y                      |
| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI.  | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE |                        |
| 06/10/92 | PREHARVEST                | M                   | SHREDDING        | 1.0000                |                      |                       |                      | .00               |                        |
| 06/20/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                       |                      | .00               |                        |
| 07/10/92 | PREHARVEST                | M                   | PLOWING          | .5000                 |                      |                       |                      | .00               |                        |
| 07/10/92 | PREHARVEST                | M                   | CHISELING        | 1.0000                |                      |                       |                      | .00               |                        |
| 07/15/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 1.0000                |                      |                       |                      | .00               |                        |
| 07/20/92 | PREHARVEST                | M                   | FLOATING         | 1.0000                |                      |                       |                      | .00               |                        |
| 09/05/92 | PREHARVEST                | M                   | BEDDING          | 1.0000                |                      |                       |                      | .00               |                        |
| 09/07/92 | PREHARVEST                | M                   | SPRAYING         | 1.0000                |                      |                       |                      | .00               |                        |
| 09/07/92 | PREHARVEST                | M                   | HERBICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 09/07/92 | PREHARVEST                | M                   | APPLY FERTILIZER | 1.0000                |                      |                       |                      | .00               |                        |
| 09/09/92 | PREHARVEST                | M                   | NITROGEN (DRY)   | 100.0000              |                      |                       |                      | .00               |                        |
| 09/09/92 | PREHARVEST                | M                   | PHOSPHATE        | 80.0000               |                      |                       |                      | .00               |                        |
| 09/10/92 | PREHARVEST                | M                   | PLANTING         | 1.0000                |                      |                       |                      | .00               |                        |
| 09/10/92 | PREHARVEST                | M                   | SEED             | 1.0000                |                      |                       |                      | .00               |                        |
| 09/10/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 09/10/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 09/14/92 | PREHARVEST                | M                   | 4-29-2           | 30.0000               |                      |                       |                      | .00               |                        |
| 09/15/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                       |                      | .00               |                        |
| 09/15/92 | PREHARVEST                | M                   | OPERATOR LABOR   | 7.0000                |                      |                       |                      | .00               |                        |
| 09/15/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 09/20/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 09/20/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 09/30/92 | PREHARVEST                | M                   | 32-0-0           | 30.0000               |                      |                       |                      | .00               |                        |
| 09/30/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 09/30/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 09/30/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 09/30/92 | PREHARVEST                | M                   | CALCIUM NITRATE  | 10.0000               |                      |                       |                      | .00               |                        |
| 10/10/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 10/10/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 10/10/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 10/10/92 | PREHARVEST                | M                   | NEMATOCIDE       | 1.0000                |                      |                       |                      | .00               |                        |
| 10/14/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                       |                      | .00               |                        |
| 10/15/92 | PREHARVEST                | M                   | OPERATOR LABOR   | 7.0000                |                      |                       |                      | .00               |                        |
| 10/15/92 | PREHARVEST                | M                   | APPLY FERTILIZER | 1.0000                |                      |                       |                      | .00               |                        |
| 10/15/92 | PREHARVEST                | M                   | NITROGEN (DRY)   | 30.0000               |                      |                       |                      | .00               |                        |
| 10/15/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 10/20/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 10/20/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 10/20/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 10/25/92 | PREHARVEST                | M                   | CULTIVATING      | 1.0000                |                      |                       |                      | .00               |                        |
| 10/30/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 10/30/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 10/30/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 10/30/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 11/10/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 11/10/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 11/10/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                       |                      | .00               |                        |
| 11/15/92 | PREHARVEST                | M                   | OPERATOR LABOR   | 7.0000                |                      |                       |                      | .00               |                        |
| 11/15/92 | PREHARVEST                | M                   | APPLY FERTILIZER | 1.0000                |                      |                       |                      | .00               |                        |
| 11/15/92 | PREHARVEST                | M                   | NITROGEN (DRY)   | 25.0000               |                      |                       |                      | .00               |                        |
| 11/15/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 11/20/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 11/20/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 11/20/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 11/25/92 | PREHARVEST                | M                   | CULTIVATING      | 1.0000                |                      |                       |                      | .00               |                        |
| 11/30/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 40.0000               |                      |                       |                      | .00               |                        |
| 11/30/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 11/30/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 12/10/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 12/10/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 12/15/92 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                       |                      | .00               |                        |
| 12/15/92 | PREHARVEST                | M                   | OPERATOR LABOR   | 7.0000                |                      |                       |                      | .00               |                        |
| 12/15/92 | PREHARVEST                | M                   | APPLY FERTILIZER | 1.0000                |                      |                       |                      | .00               |                        |
| 12/15/92 | PREHARVEST                | M                   | NITROGEN (DRY)   | 25.0000               |                      |                       |                      | .00               |                        |
| 12/15/92 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 12/20/92 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 12/20/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 12/20/92 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 12/30/92 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | DITCHING         | .0100                 |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | OPERATOR LABOR   | 7.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | INSECTICIDE      | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | PESTICIDE APPL.  | 1.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | IRRIGATION       | 6.0000                |                      |                       |                      | .00               |                        |
| 01/01/93 | PREHARVEST                | M                   | FUNGICIDE        | 1.0000                |                      |                       |                      | .00               |                        |

**YELLOW ONIONS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                         | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| =====                                                            | =====    | ===== | =====     | =====   | =====         |
| ONIONS                                                           | 450.000  | bags  | 5.6000    | 2520.00 |               |
|                                                                  |          |       |           | =====   |               |
| Total GROSS Income                                               |          |       |           | 2520.00 |               |
| VARIABLE COST Description                                        | Quantity | Unit  | \$ / Unit | Total   |               |
| =====                                                            | =====    | ===== | =====     | =====   |               |
| PREHARVEST                                                       |          |       |           |         |               |
| PHOSPHATE                                                        | 80.000   | lb.   | .290      | 23.20   |               |
| HERBICIDE                                                        | 1.000    | acre  | 65.000    | 65.00   |               |
| SEED                                                             | 2.500    | lb.   | 36.000    | 90.00   |               |
| NITROGEN (LIQ)                                                   | 180.000  | lb.   | .630      | 113.40  |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| FUNGICIDE                                                        | 10.000   | appl  | 10.000    | 100.00  |               |
| PESTICIDE APPL.                                                  | 10.000   | acre  | 4.500     | 45.00   |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| INSECTICIDE                                                      | 5.000    | appl  | 8.000     | 40.00   |               |
| FOLFEED                                                          | 9.000    | appl  | 1.000     | 9.00    |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                       | 6.000    | AcIn  | 1.333     | 8.00    |               |
| Fuel & Lube - Machinery                                          |          | AcIn  |           | 12.91   |               |
| Repairs - Machinery                                              |          | AcIn  |           | 4.99    |               |
| Labor - Machinery                                                | 3.936    | Hour  | 5.001     | 19.69   |               |
| - Other                                                          | 20.000   | Hour  | 5.000     | 100.00  |               |
| - Irrigation                                                     | 10.500   | Hour  | 4.500     | 47.25   |               |
|                                                                  |          |       |           | -----   |               |
| Total PREHARVEST                                                 |          |       |           | 726.44  |               |
| HARVEST                                                          |          |       |           |         |               |
| HARVESTING                                                       | 450.000  | bag   | 1.400     | 630.00  |               |
| PACK & COUNT                                                     | 450.000  | bag   | 1.350     | 607.50  |               |
| MARKETING                                                        | 450.000  | bag   | .500      | 225.00  |               |
| DRYING ONIONS                                                    | 450.000  | bags  | .250      | 112.50  |               |
|                                                                  |          |       |           | -----   |               |
| Total HARVEST                                                    |          |       |           | 1575.00 |               |
| Interest - OC Borrowed                                           | 355.001  | Dol.  | 0.120     | 42.60   |               |
|                                                                  |          |       |           | =====   |               |
| Total VARIABLE COST                                              |          |       |           | 2344.04 |               |
| Break-Even Price, Total Variable Cost \$ 5.20 per bags of ONIONS |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                 |          |       |           | 175.96  |               |
| FIXED COST Description                                           | Unit     |       | Total     |         |               |
| =====                                                            | =====    |       | =====     |         |               |
| Machinery and Equipment                                          | AcIn     |       | 70.67     |         |               |
| Land                                                             | AcIn     |       | 75.00     |         |               |
|                                                                  |          |       | =====     |         |               |
| Total FIXED Cost                                                 |          |       | 145.67    |         |               |
| Break-Even Price, Total Cost \$ 5.53 per bags of ONIONS          |          |       |           |         |               |
| Total of ALL Cost                                                |          |       |           | 2489.71 |               |
| NET PROJECTED RETURNS                                            |          |       |           | 30.29   |               |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME     | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|------------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 05/20/92 | HARVEST                   | A                   | ONIONS           | 450.0000              | .0000                 | C                    | .00               | Y                      |
| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH  | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |                        |
| 07/11/91 | PREHARVEST                | M                   | SHREDDING        | 4 ROW                 | 1.0000                |                      | .00               |                        |
| 07/16/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000                |                      | .00               |                        |
| 07/21/91 | PREHARVEST                | M                   | PLOWING          | 4 BOTTOM              | .5000                 |                      | .00               |                        |
| 07/21/91 | PREHARVEST                | M                   | CHISELING        | 18 FT                 | .5000                 |                      | .00               |                        |
| 08/06/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000                |                      | .00               |                        |
| 08/11/91 | PREHARVEST                | M                   | FLOATING         |                       | 1.0000                |                      | .00               |                        |
| 08/16/91 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000                |                      | .00               |                        |
| 09/11/91 | PREHARVEST                | M                   | BEDDING          | 6 ROW                 | 1.0000                |                      | .00               |                        |
| 09/16/91 | PREHARVEST                | M                   | APPLY FERTILIZER |                       | 1.0000                |                      | .00               |                        |
| 09/16/91 | PREHARVEST                | E                   | PHOSPHATE        | 80.0000               | C                     | V                    | .00               |                        |
| 09/21/91 | PREHARVEST                | E                   | HERBICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 10/11/91 | PREHARVEST                | M                   | PLANTING         | STANHAY               | 1.0000                |                      | .00               |                        |
| 10/11/91 | PREHARVEST                | E                   | SEED             | ONION                 | 2.5000                | C                    | V                 | .00                    |
| 10/15/91 | PREHARVEST                | M                   | DITCHING         |                       | .0100                 |                      | .00               |                        |
| 10/16/91 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 3.0000                | C                    | V                 | .00                    |
| 10/16/91 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 10/16/91 | PREHARVEST                | E                   | NITROGEN (LIQ)   |                       | 180.0000              | C                    | V                 | .00                    |
| 10/26/91 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000                |                      | .00               |                        |
| 11/11/91 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 11/11/91 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 11/15/91 | PREHARVEST                | M                   | DITCHING         |                       | .0100                 |                      | .00               |                        |
| 11/16/91 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 4.0000                | C                    | V                 | .00                    |
| 11/16/91 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 11/21/91 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 11/21/91 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 11/21/91 | PREHARVEST                | E                   | INSECTICIDE      | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 11/21/91 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/11/91 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/11/91 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 12/11/91 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/15/91 | PREHARVEST                | M                   | DITCHING         |                       | .0100                 |                      | .00               |                        |
| 12/16/91 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 4.0000                | C                    | V                 | .00                    |
| 12/16/91 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 12/21/91 | PREHARVEST                | E                   | INSECTICIDE      | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/21/91 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/31/91 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 12/31/91 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 12/31/91 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 12/31/91 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 01/11/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 01/11/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 01/11/92 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 01/15/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                 |                      | .00               |                        |
| 01/16/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000                |                      | .00               |                        |
| 01/16/92 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 3.0000                | C                    | V                 | .00                    |
| 01/16/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 01/21/92 | PREHARVEST                | E                   | INSECTICIDE      | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 01/21/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 01/21/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 01/21/92 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 02/01/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 3/4 TON               | 40.0000               |                      | .00               |                        |
| 02/11/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 02/11/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 02/11/92 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 02/15/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                 |                      | .00               |                        |
| 02/16/92 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 3.0000                | C                    | V                 | .00                    |
| 02/16/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 02/21/92 | PREHARVEST                | E                   | INSECTICIDE      | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 02/21/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 02/21/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 02/21/92 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 03/10/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 03/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 03/10/92 | PREHARVEST                | E                   | FOLFEED          | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 03/15/92 | PREHARVEST                | H                   | OPERATOR LABOR   |                       | 3.0000                | C                    | V                 | .00                    |
| 03/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000                |                      | .00               |                        |
| 03/20/92 | PREHARVEST                | E                   | INSECTICIDE      | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 03/20/92 | PREHARVEST                | E                   | FUNGICIDE        | ONIONS                | 1.0000                | C                    | V                 | .00                    |
| 03/20/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000                | C                    | V                 | .00                    |
| 05/20/92 | HARVEST                   | G                   | HARVESTING       | ONIONS                | 450.0000              | C                    | V                 | .00                    |
| 05/20/92 | HARVEST                   | G                   | PACK & COUNT     | ONIONS                | 450.0000              | C                    | V                 | .00                    |
| 05/20/92 | HARVEST                   | G                   | MARKETING        | ONIONS                | 450.0000              | C                    | V                 | .00                    |
| 05/21/92 | HARVEST                   | G                   | DRYING ONIONS    |                       | 450.0000              | C                    | V                 | .00                    |
| 05/31/92 |                           | K                   | CASH-RENT        | VEGETABL              | 1.0000                |                      | F                 | .00                    |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**BELL PEPPERS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                               | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|------------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| =====                                                                  | =====    | ===== | =====     | =====   | =====         |
| BELL PEPPERS                                                           | 400.000  | crtn  | 6.5000    | 2600.00 | _____         |
|                                                                        |          |       |           | =====   |               |
| Total GROSS Income                                                     |          |       |           | 2600.00 | _____         |
| VARIABLE COST Description                                              | Quantity | Unit  | \$ / Unit | Total   |               |
| =====                                                                  | =====    | ===== | =====     | =====   |               |
| PREHARVEST                                                             |          |       |           |         |               |
| HERBICIDE                                                              | 1.000    | acre  | 45.000    | 45.00   | _____         |
| PHOSPHATE                                                              | 100.000  | lb.   | .290      | 29.00   | _____         |
| SEED                                                                   | 3.000    | lb.   | 25.000    | 75.00   | _____         |
| INSECTICIDE                                                            | 14.000   | appl  | 14.000    | 196.00  | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| FUNGICIDE                                                              | 8.000    | appl  | 3.000     | 24.00   | _____         |
| PESTICIDE APPL.                                                        | 11.000   | acre  | 4.500     | 49.50   | _____         |
| NITROGEN (LIQ)                                                         | 180.000  | lb.   | .630      | 113.40  | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| IRRIGATION                                                             | 6.000    | AcIn  | 1.333     | 8.00    | _____         |
| Fuel & Lube - Machinery                                                |          | Acre  |           | 11.83   | _____         |
| Repairs - Machinery                                                    |          | Acre  |           | 4.46    | _____         |
| Labor - Machinery                                                      | 3.291    | Hour  | 5.001     | 16.46   | _____         |
| - Other                                                                | 30.000   | Hour  | 4.500     | 135.00  | _____         |
| - Irrigation                                                           | 10.500   | Hour  | 4.500     | 47.25   | _____         |
|                                                                        |          |       |           | -----   |               |
| Total PREHARVEST                                                       |          |       |           | 802.90  | _____         |
| HARVEST                                                                |          |       |           |         |               |
| PACK & COUNT                                                           | 400.000  | crtn  | 1.650     | 660.00  | _____         |
| HARVEST                                                                | 400.000  | crtn  | 1.250     | 500.00  | _____         |
| MARKETING                                                              | 400.000  | bag   | .500      | 200.00  | _____         |
|                                                                        |          |       |           | -----   |               |
| Total HARVEST                                                          |          |       |           | 1360.00 | _____         |
| Interest - OC Borrowed                                                 | 216.233  | Dol.  | 0.120     | 25.95   | _____         |
|                                                                        |          |       |           | =====   |               |
| Total VARIABLE COST                                                    |          |       |           | 2188.85 | _____         |
| Break-Even Price, Total Variable Cost \$ 5.47 per crtn of BELL PEPPERS |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                       |          |       |           | 411.15  | _____         |
| FIXED COST Description                                                 |          | Unit  |           | Total   |               |
| =====                                                                  |          | ===== |           | =====   |               |
| Machinery and Equipment                                                |          | Acre  |           | 63.30   | _____         |
| Land                                                                   |          | Acre  |           | 75.00   | _____         |
|                                                                        |          |       |           | =====   |               |
| Total FIXED Cost                                                       |          |       |           | 138.30  | _____         |
| Break-Even Price, Total Cost \$ 5.81 per crtn of BELL PEPPERS          |          |       |           |         |               |
| Total of ALL Cost                                                      |          |       |           | 2327.15 | _____         |
| NET PROJECTED RETURNS                                                  |          |       |           | 272.85  | _____         |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 12/05/92 | HARVEST                   | A                   | BELL PEPPERS | 400.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME       | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|------------------|-----------------------|----------------------|----------------------|-------------------|
| 06/10/92 | PREHARVEST                | M                   | SHREDDING        | 4 ROW                 | 1.0000               |                      | .00               |
| 06/15/92 | PREHARVEST                | M                   | PLOWING          | 4 BOTTOM              | .5000                |                      | .00               |
| 06/15/92 | PREHARVEST                | M                   | CHISELING        | 18 FT                 | .5000                |                      | .00               |
| 06/20/92 | PREHARVEST                | M                   | DISCING-OFFSET   | 13 FT                 | 1.0000               |                      | .00               |
| 06/30/92 | PREHARVEST                | M                   | FLOATING         |                       | 1.0000               |                      | .00               |
| 07/05/92 | PREHARVEST                | M                   | BEDDING          | 6 ROW                 | 1.0000               |                      | .00               |
| 07/05/92 | PREHARVEST                | M                   | ROTOVATING       |                       | 1.0000               |                      | .00               |
| 07/12/92 | PREHARVEST                | E                   | HERBICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 07/12/92 | PREHARVEST                | M                   | SPRAYING         |                       | 1.0000               |                      | .00               |
| 07/13/92 | PREHARVEST                | M                   | APPLY FERTILIZER |                       | 1.0000               |                      | .00               |
| 07/13/92 | PREHARVEST                | E                   | PHOSPHATE        | 100.0000              | C                    | V                    | .00               |
| 07/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |
| 07/15/92 | PREHARVEST                | E                   | SEED             | BELL PEP              | 3.0000               | C V                  | .00               |
| 07/15/92 | PREHARVEST                | M                   | PLANTING         | STANHAY               | 1.0000               |                      | .00               |
| 07/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 6.0000               |                      | .00               |
| 07/15/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 07/25/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 07/30/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 08/05/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 08/05/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 08/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 08/12/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |
| 08/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |
| 08/15/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 08/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 08/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 08/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 6.0000               |                      | .00               |
| 08/15/92 | PREHARVEST                | E                   | NITROGEN (LIQ)   | 180.0000              | C                    | V                    | .00               |
| 08/25/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 08/25/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 08/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 08/30/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 09/05/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 09/05/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 09/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 09/12/92 | PREHARVEST                | M                   | CULTIVATING      | 6 ROW                 | 1.0000               |                      | .00               |
| 09/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |
| 09/15/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 09/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 09/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 09/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 6.0000               |                      | .00               |
| 09/25/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 09/25/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 09/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 09/30/92 | PREHARVEST                | M                   | PICKUP TRUCK     | 3/4 TON               | 20.0000              |                      | .00               |
| 09/30/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 10/05/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 10/05/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 10/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 10/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |
| 10/15/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 10/15/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 10/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 10/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 10/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 6.0000               |                      | .00               |
| 10/25/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 10/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 11/05/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 11/05/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 11/05/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 11/14/92 | PREHARVEST                | M                   | DITCHING         |                       | .0100                |                      | .00               |
| 11/15/92 | PREHARVEST                | O                   | IRRIGATION       |                       | 6.0000               |                      | .00               |
| 11/15/92 | PREHARVEST                | H                   | HIRED LABOR      |                       | 6.0000               |                      | .00               |
| 11/15/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 11/25/92 | PREHARVEST                | E                   | INSECTICIDE      | BELL PEP              | 1.0000               | C V                  | .00               |
| 11/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.  |                       | 1.0000               | C V                  | .00               |
| 11/25/92 | PREHARVEST                | E                   | FUNGICIDE        | BELL PEP              | 1.0000               | C V                  | .00               |
| 12/05/92 | HARVEST                   | G                   | PACK & COUNT     | BELL PEP              | 400.0000             | C V                  | .00               |
| 12/05/92 | HARVEST                   | G                   | HARVEST          | BELL PEP              | 400.0000             | C V                  | .00               |
| 12/05/92 | HARVEST                   | G                   | MARKETING        | BELL PEP              | 400.0000             | C V                  | .00               |
| 12/15/92 |                           | K                   | CASH-RENT        | VEGETABL              | 1.0000               | F                    | .00               |

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**JALAPENO PEPPERS, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description<br>=====                                    | Quantity<br>===== | Unit<br>===== | \$ / Unit<br>===== | Total<br>===== | Your<br>Estimate<br>===== |
|----------------------------------------------------------------------|-------------------|---------------|--------------------|----------------|---------------------------|
| JALAPENOS                                                            | 100.000           | cwt.          | 22.0000            | 2200.00        |                           |
| Total GROSS Income                                                   |                   |               |                    | 2200.00        |                           |
| VARIABLE COST Description<br>=====                                   | Quantity<br>===== | Unit<br>===== | \$ / Unit<br>===== | Total<br>===== |                           |
| PREHARVEST                                                           |                   |               |                    |                |                           |
| HERBICIDE                                                            | 1.000             | acre          | 30.000             | 30.00          |                           |
| PHOSPHATE                                                            | 80.000            | lb.           | .290               | 23.20          |                           |
| SEED                                                                 | 3.000             | lb.           | 22.000             | 66.00          |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| FUNGICIDE                                                            | 1.000             | appl          | 5.000              | 5.00           |                           |
| NITROGEN (LIQ)                                                       | 120.000           | lb.           | .630               | 75.60          |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| FUNGICIDE                                                            | 1.000             | appl          | 5.000              | 5.00           |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| FUNGICIDE                                                            | 1.000             | appl          | 5.000              | 5.00           |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| INSECTICIDE                                                          | 1.000             | appl          | 10.000             | 10.00          |                           |
| PESTICIDE APPL.                                                      | 1.000             | acre          | 4.500              | 4.50           |                           |
| FUNGICIDE                                                            | 1.000             | appl          | 5.000              | 5.00           |                           |
| IRRIGATION                                                           | 6.000             | AcIn          | 1.333              | 8.00           |                           |
| Fuel & Lube - Machinery                                              |                   | Acre          |                    | 18.51          |                           |
| Repairs - Machinery                                                  |                   | Acre          |                    | 6.52           |                           |
| Labor - Machinery                                                    | 5.791             | Hour          | 5.001              | 28.96          |                           |
| - Other                                                              | 24.000            | Hour          | 4.500              | 108.00         |                           |
| - Irrigation                                                         | 10.500            | Hour          | 4.500              | 47.25          |                           |
| Total PREHARVEST                                                     |                   |               |                    | 581.55         |                           |
| HARVEST                                                              |                   |               |                    |                |                           |
| HARVEST                                                              | 100.000           | cwt.          | 9.000              | 900.00         |                           |
| PACK & COUNT                                                         | 100.000           | cwt.          | 2.400              | 240.00         |                           |
| MARKETING                                                            | 100.000           | cwt.          | .600               | 60.00          |                           |
| Labor - Other                                                        | 6.000             | Hour          | 4.500              | 27.00          |                           |
| Total HARVEST                                                        |                   |               |                    | 1227.00        |                           |
| Interest - OC Borrowed                                               | 154.786           | Dol.          | 0.120              | 18.57          |                           |
| Total VARIABLE COST                                                  |                   |               |                    | 1827.12        |                           |
| Break-Even Price, Total Variable Cost \$ 18.27 per cwt. of JALAPENOS |                   |               |                    |                |                           |
| GROSS INCOME minus VARIABLE COST                                     |                   |               |                    | 372.88         |                           |
| FIXED COST Description<br>=====                                      |                   | Unit<br>===== |                    | Total<br>===== |                           |
| Machinery and Equipment                                              |                   | Acre          |                    | 160.07         |                           |
| Land                                                                 |                   | Acre          |                    | 75.00          |                           |
| Total FIXED Cost                                                     |                   |               |                    | 235.07         |                           |
| Break-Even Price, Total Cost \$ 20.62 per cwt. of JALAPENOS          |                   |               |                    |                |                           |
| Total of ALL Cost                                                    |                   |               |                    | 2062.19        |                           |
| NET PROJECTED RETURNS                                                |                   |               |                    | 137.81         |                           |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 06/10/92 | HARVEST                   | A                   | JALAPENOS    | 100.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME            | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|-----------------------|-----------------------|----------------------|----------------------|-------------------|
| 12/11/91 | PREHARVEST                | M                   | SHREDDING 4 ROM       | 1.0000                |                      |                      | .00               |
| 12/16/91 | PREHARVEST                | M                   | PLOWING 4 BOTTOM      | 1.0000                |                      |                      | .00               |
| 12/21/91 | PREHARVEST                | M                   | CHISELING 18 FT       | 1.0000                |                      |                      | .00               |
| 12/31/91 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT  | 1.0000                |                      |                      | .00               |
| 01/06/92 | PREHARVEST                | M                   | FLOATING              | 1.0000                |                      |                      | .00               |
| 01/11/92 | PREHARVEST                | M                   | BEDDING 6 ROW         | 1.0000                |                      |                      | .00               |
| 01/21/92 | PREHARVEST                | M                   | BEDDING 6 ROW         | 1.0000                |                      |                      | .00               |
| 01/26/92 | PREHARVEST                | M                   | ROTOVATING            | 1.0000                |                      |                      | .00               |
| 01/31/92 | PREHARVEST                | E                   | HERBICIDE PEPPERS     | 1.0000                | C                    | V                    | .00               |
| 01/31/92 | PREHARVEST                | M                   | SPRAYING              | 1.0000                |                      |                      | .00               |
| 02/06/92 | PREHARVEST                | E                   | PHOSPHATE             | 80.0000               | C                    | V                    | .00               |
| 02/06/92 | PREHARVEST                | M                   | APPLY FERTILIZER      | 1.0000                |                      |                      | .00               |
| 02/11/92 | PREHARVEST                | E                   | SEED JALAPENO         | 3.0000                | C                    | V                    | .00               |
| 02/11/92 | PREHARVEST                | M                   | PLANTING STANHAY      | 1.0000                |                      |                      | .00               |
| 02/21/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 02/26/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | E                   | FUNGICIDE PEPPERS     | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | H                   | HIRED LABOR           | 6.0000                |                      |                      | .00               |
| 02/28/92 | PREHARVEST                | M                   | DITCHING              | 1.0000                |                      |                      | .00               |
| 02/29/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 02/29/92 | PREHARVEST                | E                   | NITROGEN (LIQ)        | 120.0000              | C                    | V                    | .00               |
| 03/10/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 03/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 03/14/92 | PREHARVEST                | M                   | DITCHING              | 1.0000                |                      |                      | .00               |
| 03/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 03/20/92 | PREHARVEST                | M                   | CULTIVATING ROLLING   | 1.0000                |                      |                      | .00               |
| 03/25/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | E                   | FUNGICIDE PEPPERS     | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | H                   | HIRED LABOR           | 6.0000                |                      |                      | .00               |
| 03/30/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 03/31/92 | PREHARVEST                | M                   | PICKUP TRUCK 3/4 TON  | 20.0000               |                      |                      | .00               |
| 04/10/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 04/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 04/14/92 | PREHARVEST                | M                   | DITCHING              | 1.0000                |                      |                      | .00               |
| 04/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 04/25/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | E                   | FUNGICIDE PEPPERS     | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | H                   | HIRED LABOR           | 6.0000                |                      |                      | .00               |
| 04/30/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 05/10/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 05/10/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 05/14/92 | PREHARVEST                | M                   | DITCHING              | 1.0000                |                      |                      | .00               |
| 05/15/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 05/25/92 | PREHARVEST                | E                   | INSECTICIDE PEPPERS   | 1.0000                | C                    | V                    | .00               |
| 05/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.       | 1.0000                | C                    | V                    | .00               |
| 05/25/92 | PREHARVEST                | E                   | FUNGICIDE PEPPERS     | 1.0000                | C                    | V                    | .00               |
| 05/25/92 | PREHARVEST                | H                   | HIRED LABOR           | 6.0000                |                      |                      | .00               |
| 05/30/92 | PREHARVEST                | O                   | IRRIGATION            | 6.0000                |                      |                      | .00               |
| 06/10/92 | HARVEST                   | G                   | HARVEST JALAPENO      | 100.0000              | C                    | V                    | .00               |
| 06/10/92 | HARVEST                   | H                   | HIRED LABOR           | 6.0000                |                      |                      | .00               |
| 06/10/92 | HARVEST                   | G                   | PACK & COUNT JALAPENO | 100.0000              | C                    | V                    | .00               |
| 06/10/92 | HARVEST                   | G                   | MARKETING JALAPENO    | 100.0000              | C                    | V                    | .00               |
| 06/15/92 |                           | K                   | CASH-RENT VEGETABL    | 1.0000                |                      |                      | .00               |

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**FRESH SPRING TOMATOES, IRRIGATED**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                                           | Quantity | Unit  | \$ / Unit | Total   | Your Estimate |
|--------------------------------------------------------------------|----------|-------|-----------|---------|---------------|
| TOMATOES                                                           | 165.000  | crtn  | 7.9000    | 1303.50 |               |
| Total GROSS Income                                                 |          |       |           | 1303.50 |               |
| VARIABLE COST Description                                          | Quantity | Unit  | \$ / Unit | Total   |               |
| PREHARVEST                                                         |          |       |           |         |               |
| NITROGEN (DRY)                                                     | 60.000   | lb.   | .310      | 18.60   |               |
| PHOSPHATE                                                          | 80.000   | lb.   | .290      | 23.20   |               |
| HERBICIDE                                                          | 1.000    | acre  | 39.330    | 39.33   |               |
| IRRIGATION                                                         | 6.000    | AcIn  | 1.333     | 8.00    |               |
| IRRIGATION                                                         | 6.000    | AcIn  | 1.333     | 8.00    |               |
| SEED                                                               | 2.000    | lb.   | 28.000    | 56.00   |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| IRRIGATION                                                         | 6.000    | AcIn  | 1.333     | 8.00    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| INSECTICIDE                                                        | 1.000    | appl  | 5.100     | 5.10    |               |
| FUNGICIDE                                                          | 1.000    | appl  | 5.130     | 5.13    |               |
| PESTICIDE APPL.                                                    | 1.000    | acre  | 4.500     | 4.50    |               |
| IRRIGATION                                                         | 6.000    | AcIn  | 1.333     | 8.00    |               |
| Fuel & Lube - Machinery                                            |          | Acres |           | 18.56   |               |
| Repairs - Machinery                                                |          | Acres |           | 6.82    |               |
| Labor - Machinery                                                  | 4.562    | Hour  | 5.001     | 22.81   |               |
| - Other                                                            | 10.000   | Hour  | 5.000     | 50.00   |               |
| - Irrigation                                                       | 6.000    | Hour  | 4.500     | 27.00   |               |
| Total PREHARVEST                                                   |          |       |           | 401.27  |               |
| HARVEST                                                            |          |       |           |         |               |
| HARVESTING                                                         | 165.000  | crtn  | 1.300     | 214.49  |               |
| PACKING & CONT.                                                    | 165.000  | crtn  | 2.700     | 445.50  |               |
| MARKETING                                                          | 165.000  | bag   | .400      | 66.00   |               |
| Total HARVEST                                                      |          |       |           | 726.00  |               |
| Interest - OC Borrowed                                             | 186.256  | Dol.  | 0.120     | 22.35   |               |
| Total VARIABLE COST                                                |          |       |           | 1149.62 |               |
| Break-Even Price, Total Variable Cost \$ 6.96 per crtn of TOMATOES |          |       |           |         |               |
| GROSS INCOME minus VARIABLE COST                                   |          |       |           | 153.88  |               |
| FIXED COST Description                                             |          | Unit  |           | Total   |               |
| Machinery and Equipment                                            |          | Acres |           | 92.32   |               |
| Land                                                               |          | Acres |           | 90.00   |               |
| Total FIXED Cost                                                   |          |       |           | 182.32  |               |
| Break-Even Price, Total Cost \$ 8.07 per crtn of TOMATOES          |          |       |           |         |               |
| Total of ALL Cost                                                  |          |       |           | 1331.95 |               |
| NET PROJECTED RETURNS                                              |          |       |           | -28.45  |               |

Projections for Planning Purposes Only  
Not to be Used without Updating after October 24, 1992.

B-1241(C12)

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>PROD. | PRODUCT NAME | NUMBER<br>OF<br>UNITS | WEIGHT<br>PER<br>HEAD | CASH<br>NON-<br>CASH | LANDLORD<br>SHARE | BREAK<br>EVEN<br>PROD. |
|----------|---------------------------|---------------------|--------------|-----------------------|-----------------------|----------------------|-------------------|------------------------|
| 06/20/92 | HARVEST                   | A                   | TOMATOES     | 165.0000              | .0000                 | C                    | .00               | Y                      |

| DATE     | STAGE<br>OF<br>PRODUCTION | TYPE<br>OF<br>INPUT | INPUT NAME             | NUMBER<br>OF<br>UNITS | CASH<br>NON-<br>CASH | FIXED<br>OR<br>VARI. | LANDLORD<br>SHARE |
|----------|---------------------------|---------------------|------------------------|-----------------------|----------------------|----------------------|-------------------|
| 07/11/91 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT   | 1.0000                |                      |                      | .00               |
| 07/16/91 | PREHARVEST                | M                   | HAULING WATER          | 1.0000                |                      |                      | .00               |
| 08/16/91 | PREHARVEST                | M                   | PLOWING 4 BOTTOM       | .5000                 |                      |                      | .00               |
| 08/16/91 | PREHARVEST                | M                   | CHISELING 18 FT        | .5000                 |                      |                      | .00               |
| 09/11/91 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT   | 1.0000                |                      |                      | .00               |
| 09/16/91 | PREHARVEST                | M                   | FLOATING               | 1.0000                |                      |                      | .00               |
| 09/21/91 | PREHARVEST                | M                   | DISCING-OFFSET 13 FT   | 1.0000                |                      |                      | .00               |
| 10/16/91 | PREHARVEST                | M                   | BEDDING 6 ROW          | 1.0000                |                      |                      | .00               |
| 11/16/91 | PREHARVEST                | M                   | CULTIVATING ROLLING    | 1.0000                |                      |                      | .00               |
| 12/11/91 | PREHARVEST                | M                   | APPLY FERTILIZER       | 1.0000                |                      |                      | .00               |
| 12/11/91 | PREHARVEST                | E                   | NITROGEN (DRY)         | 60.0000               | C                    | V                    | .00               |
| 12/11/91 | PREHARVEST                | E                   | PHOSPHATE              | 80.0000               | C                    | V                    | .00               |
| 12/15/91 | PREHARVEST                | M                   | DITCHING               | .0100                 |                      |                      | .00               |
| 12/16/91 | PREHARVEST                | M                   | PLANTING STANHAY       | 1.0000                |                      |                      | .00               |
| 12/16/91 | PREHARVEST                | H                   | OPERATOR LABOR         | 4.0000                | C                    | V                    | .00               |
| 12/16/91 | PREHARVEST                | E                   | HERBICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 12/16/91 | PREHARVEST                | O                   | IRRIGATION             | 6.0000                |                      |                      | .00               |
| 12/31/91 | PREHARVEST                | O                   | IRRIGATION             | 6.0000                |                      |                      | .00               |
| 01/01/92 | PREHARVEST                | M                   | PICKUP TRUCK 3/4 TON   | 40.0000               |                      |                      | .00               |
| 01/06/92 | PREHARVEST                | E                   | SEED TOMATO            | 2.0000                | C                    | V                    | .00               |
| 01/06/92 | PREHARVEST                | M                   | PLANTING STANHAY       | 1.0000                |                      |                      | .00               |
| 01/16/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 01/16/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 01/21/92 | PREHARVEST                | M                   | CULTIVATING ROLLING    | 1.0000                |                      |                      | .00               |
| 01/26/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 01/26/92 | PREHARVEST                | E                   | FUNGICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 01/26/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 02/16/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 02/16/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | E                   | FUNGICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 02/26/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 03/14/92 | PREHARVEST                | M                   | DITCHING               | .0100                 |                      |                      | .00               |
| 03/15/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 03/15/92 | PREHARVEST                | H                   | OPERATOR LABOR         | 3.0000                | C                    | V                    | .00               |
| 03/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 03/15/92 | PREHARVEST                | O                   | IRRIGATION             | 6.0000                |                      |                      | .00               |
| 03/25/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | E                   | FUNGICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 03/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 04/15/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 04/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | E                   | INSECTICIDE TOMATO     | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | E                   | FUNGICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 04/25/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 05/10/92 | PREHARVEST                | M                   | CULTIVATING ROLLING    | 1.0000                |                      |                      | .00               |
| 05/14/92 | PREHARVEST                | M                   | DITCHING               | .0100                 |                      |                      | .00               |
| 05/15/92 | PREHARVEST                | H                   | OPERATOR LABOR         | 3.0000                | C                    | V                    | .00               |
| 05/15/92 | PREHARVEST                | G                   | PESTICIDE APPL.        | 1.0000                | C                    | V                    | .00               |
| 05/15/92 | PREHARVEST                | E                   | FUNGICIDE TOMATO       | 1.0000                | C                    | V                    | .00               |
| 05/15/92 | PREHARVEST                | O                   | IRRIGATION             | 6.0000                |                      |                      | .00               |
| 06/20/92 | HARVEST                   | G                   | HARVESTING TOMATO      | 165.0000              | C                    | V                    | .00               |
| 06/20/92 | HARVEST                   | G                   | PACKING & CONT. TOMATO | 165.0000              | C                    | V                    | .00               |
| 06/20/92 | HARVEST                   | G                   | MARKETING VEGETABL     | 165.0000              | C                    | V                    | .00               |
| 06/30/92 |                           | K                   | CASH-RENT TOMATO       | 1.0000                |                      | F                    | .00               |

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

**WATERMELONS, DRYLAND**  
South Texas District (12)  
1992 Projected Costs and Returns per Acre

| GROSS INCOME Description                 | Quantity | Unit                   | \$ / Unit | Total   | Your Estimate |
|------------------------------------------|----------|------------------------|-----------|---------|---------------|
| =====                                    | =====    | =====                  | =====     | =====   | =====         |
| - WATERMELON DRYLAND                     | 100.000  | cwt.                   | 5.0000    | 500.00  |               |
|                                          |          |                        |           | 500.00  |               |
| Total GROSS Income                       |          |                        |           | Total   |               |
| =====                                    | =====    | =====                  | =====     | =====   |               |
| VARIABLE COST Description                | Quantity | Unit                   | \$ / Unit | Total   |               |
| =====                                    | =====    | =====                  | =====     | =====   |               |
| PREHARVEST                               |          |                        |           |         |               |
| SEED                                     | 3.000    | lb.                    | 5.000     | 15.00   |               |
| NITROGEN (LIQ)                           | 40.000   | lb.                    | .630      | 25.20   |               |
| PHOSPHATE                                | 60.000   | lb.                    | .290      | 17.40   |               |
| HERBICIDE                                | 1.000    | acre                   | 48.000    | 48.00   |               |
| BEE RENT                                 | 1.000    | hive                   | 40.000    | 40.00   |               |
| INSECTICIDE                              | 1.000    | appl                   | 8.000     | 8.00    |               |
| FUNGICIDE                                | 1.000    | appl                   | 7.000     | 7.00    |               |
| PESTICIDE APPL.                          | 1.000    | acre                   | 4.500     | 4.50    |               |
| INSECTICIDE                              | 1.000    | appl                   | 8.000     | 8.00    |               |
| FUNGICIDE                                | 1.000    | appl                   | 7.000     | 7.00    |               |
| PESTICIDE APPL.                          | 1.000    | acre                   | 4.500     | 4.50    |               |
| INSECTICIDE                              | 1.000    | appl                   | 8.000     | 8.00    |               |
| FUNGICIDE                                | 1.000    | appl                   | 7.000     | 7.00    |               |
| PESTICIDE APPL.                          | 1.000    | acre                   | 4.500     | 4.50    |               |
| Fuel & Lube - Machinery                  |          | Acre                   | 10.99     | 10.99   |               |
| Repairs - Machinery                      | 2.337    | Hour                   | 5.001     | 3.02    |               |
| Labor - Machinery                        | 8.000    | Hour                   | 11.68     | 11.68   |               |
|                                          |          |                        | 36.00     | 36.00   |               |
|                                          |          |                        | -----     | -----   |               |
| Total PREHARVEST                         |          |                        |           | 285.29  |               |
| HARVEST                                  |          |                        |           |         |               |
| HARVEST & SELL                           | 100.000  | cwt.                   | 3.000     | 300.00  |               |
|                                          |          |                        |           | 300.00  |               |
| Total HARVEST                            |          |                        |           |         |               |
| Interest - OC Borrowed                   | 82.627   | Dol.                   | 0.120     | 9.92    |               |
|                                          |          |                        |           | 595.21  |               |
| Total VARIABLE COST                      |          |                        |           |         |               |
| =====                                    |          |                        |           | =====   |               |
| Break-Even Price, Total Variable Cost \$ | 5.95     | per cwt. of WATERMELON |           |         |               |
| GROSS INCOME minus VARIABLE COST         |          |                        |           | -95.21  |               |
| =====                                    |          |                        |           |         |               |
| FIXED COST Description                   | Unit     |                        | Total     |         |               |
| =====                                    | =====    |                        | =====     |         |               |
| Machinery and Equipment                  | 35.75    | Acre                   | 35.75     |         |               |
| Land                                     | 50.00    | Acre                   | 50.00     |         |               |
|                                          |          |                        | 85.75     |         |               |
| Total FIXED Cost                         |          |                        |           |         |               |
| Break-Even Price, Total Cost \$          | 6.80     | per cwt. of WATERMELON |           |         |               |
| Total of ALL Cost                        |          |                        |           | 680.96  |               |
| NET PROJECTED RETURNS                    |          |                        |           | -180.96 |               |