

CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION  
1982 PROJECTED COSTS AND RETURNS PER ACRE

| MACHINERY<br>OPERATION | ITEM<br>NO. | OPER<br>MONTH | TIMES<br>OVER | LABOR<br>HOURS | MACHINE<br>HOURS | MACH<br>OPER<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | MACH<br>FIXED<br>COSTS | TOTAL<br>OPER.<br>COST |
|------------------------|-------------|---------------|---------------|----------------|------------------|-----------------------|----------------|-------------------------|------------------------|------------------------|
| WTR TANK&TRALR         | 6,49        | JULY          | 1.00          | 0.440          | 0.333            | 7.11                  | 1.52           | 0.0                     | 9.97                   | 18.60                  |
| SHREDDER 4R            | 1,46        | JULY          | 1.00          | 0.283          | 0.214            | 2.99                  | 0.98           | 0.0                     | 5.46                   | 9.43                   |
| MOLDBOARD PLOW         | 1,31        | JULY          | 0.50          | 0.226          | 0.171            | 2.72                  | 0.78           | 0.0                     | 5.04                   | 8.55                   |
| CHISEL PLOW            | 5,33        | JULY          | 0.50          | 0.084          | 0.064            | 0.31                  | 0.29           | 0.0                     | 1.10                   | 1.70                   |
| OFFSET DISC            | 1,38        | JULY          | 2.00          | 0.421          | 0.319            | 4.71                  | 1.45           | 0.0                     | 10.14                  | 16.30                  |
| OFFSET DISC            | 1,38        | AUG           | 2.00          | 0.421          | 0.319            | 4.71                  | 1.45           | 0.0                     | 10.14                  | 16.30                  |
| FLCAT PLANE            | 1,45        | AUG           | 1.00          | 0.216          | 0.164            | 2.26                  | 0.75           | 0.0                     | 4.45                   | 7.46                   |
| BEDDER 6R              | 2,35        | AUG           | 1.00          | 0.151          | 0.115            | 1.39                  | 0.52           | 0.0                     | 2.06                   | 3.96                   |
| FERT.APPL,RNTD         | 4,59        | AUG           | 1.00          | 0.203          | 0.154            | 0.97                  | 0.70           | 53.00                   | 2.33                   | 57.00                  |
| HERB SPRAYR 6R         | 4,47        | SEPT          | 1.00          | 0.0            | 0.159            | 0.12                  | 0.0            | 25.81                   | 0.50                   | 26.42                  |
| STANHAY PLANTR         | 2,58        | SEPT          | 1.00          | 0.310          | 0.235            | 3.73                  | 1.07           | 13.00                   | 4.43                   | 22.23                  |
| DITCHER BLADE          | 5,48        | SEPT          | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| HERB SPRAYR 6R         | 4,47        | OCT           | 1.00          | 0.0            | 0.159            | 0.12                  | 0.0            | 25.81                   | 0.50                   | 26.42                  |
| CULTIVATOR 6R          | 4,44        | OCT           | 1.00          | 0.207          | 0.157            | 1.19                  | 0.72           | 0.0                     | 3.38                   | 5.29                   |
| DITCHER BLADE          | 5,48        | OCT           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| DITCHER BLADE          | 5,48        | NOV           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| DITCHER BLADE          | 5,48        | DEC           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| CULTIVATOR 6R          | 4,44        | JAN           | 1.00          | 0.207          | 0.157            | 1.19                  | 0.72           | 0.0                     | 3.38                   | 5.29                   |
| DITCHER BLADE          | 5,48        | JAN           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| TOTALS                 |             |               |               | 3.195          | 2.737            | 33.58                 | 11.02          | 117.62                  | 63.23                  | 225.46                 |

| IRRIGATION<br>APPLICATION | APPL.<br>MONTH | ACRE<br>INCHES | LABOR<br>HOURS | SYSTEM<br>HOURS | IRRIG<br>OPER.<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | IRRIG<br>FIXED<br>COSTS | TOTAL<br>IRRIG<br>COSTS |
|---------------------------|----------------|----------------|----------------|-----------------|-------------------------|----------------|-------------------------|-------------------------|-------------------------|
| WATER APPLICATION         | SEPT           | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | OCT            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | NOV            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | DEC            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | JAN            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| TOTALS                    |                | 30.00          | 7.500          | 0.0             | 0.0                     | 25.87          | 30.00                   | 0.0                     | 55.87                   |

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CARROTS  
(DOLLARS)

|        | 3.28    | 3.69    | 4.10    | 4.51   | 4.92   |
|--------|---------|---------|---------|--------|--------|
| BAGS   |         |         |         |        |        |
| 320.00 | -419.95 | -288.75 | -157.55 | -26.35 | 104.85 |
| 360.00 | -434.75 | -287.15 | -139.55 | 8.05   | 155.65 |
| 400.00 | -449.55 | -285.55 | -121.55 | 42.45  | 206.45 |
| 440.00 | -464.35 | -283.95 | -103.55 | 76.85  | 257.25 |
| 480.00 | -479.15 | -282.35 | -85.55  | 111.25 | 308.05 |

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE  
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT  
STRATEGIES.



CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION  
1982 PROJECTED COSTS AND RETURNS PER ACRE

| CATEGORY                         | PROJECTED<br>YIELD | UNIT | PROJECTED<br>\$/UNIT | PROJECTED<br>VALUE | YOUR<br>ESTIMATE |
|----------------------------------|--------------------|------|----------------------|--------------------|------------------|
| 1. GROSS RECEIPTS                |                    |      |                      |                    |                  |
| CUCUMBERS                        | 300.00             | CRTN | 6.75                 | 2025.00            |                  |
| TOTAL PROJECTED RETURNS          |                    |      |                      | \$ 2025.00         | \$               |
| 2. VARIABLE COSTS                |                    |      |                      |                    |                  |
| PREHARVEST COSTS                 |                    |      |                      |                    |                  |
| *CUCUMBER SEED                   | 2.50               | LB.  | 6.25                 | 15.63              |                  |
| *NITROGEN (DRY)                  | 100.00             | LB.  | 0.35                 | 35.00              |                  |
| *PHOSPHATE                       | 60.00              | LB.  | 0.30                 | 18.00              |                  |
| POLFEED                          | 1.00               | ACRE | 3.50                 | 3.50               |                  |
| *HERBICIDE                       | 1.00               | ACRE | 3.89                 | 3.89               |                  |
| *INSECTICIDE                     | 5.00               | APPL | 5.44                 | 27.20              |                  |
| *FUNGICIDE                       | 6.00               | APPL | 5.31                 | 31.86              |                  |
| PESTICIDE APPL.                  | 7.00               | APPL | 3.50                 | 24.50              |                  |
| *IRRIG. WATER                    | 8.00               | APPL | 6.00                 | 48.00              |                  |
| BEE RENT                         | 1.00               | ACRE | 12.00                | 12.00              |                  |
| IRRIGATION WATER                 | 48.00              | ACIN |                      |                    |                  |
| FUEL & LUBE--TRACTOR             |                    | ACRE |                      | 13.74              |                  |
| EQUIPMENT                        |                    | ACRE |                      | 2.47               |                  |
| REPAIRS-----TRACTOR              |                    | ACRE |                      | 2.54               |                  |
| EQUIPMENT                        |                    | ACRE |                      | 3.00               |                  |
| LABOR-----MACHINERY              | 2.48               | HOOR | 3.45                 | 8.54               |                  |
| IRRIGATION                       | 12.00              | HOOR | 3.45                 | 41.40              |                  |
| EQUIPMENT                        | 0.98               | HOOR | 3.45                 | 3.38               |                  |
| OTHER                            | 10.00              | HOOR | 3.45                 | 34.50              |                  |
| OPERATING CAPITAL                | -1.03              | DOL. | 0.190                | -0.20              |                  |
| SUBTOTAL, PREHARVEST             |                    | ACRE |                      | \$ 328.95          | \$               |
| HARVEST COSTS                    |                    |      |                      |                    |                  |
| HARVEST                          | 300.00             | CRTN | 1.30                 | 390.00             |                  |
| PACK&CONT                        | 300.00             | CRTN | 1.65                 | 495.00             |                  |
| MKT-VEGETABLES                   | 300.00             | CRTN | 0.40                 | 120.00             |                  |
| SUBTOTAL, HARVEST                |                    | ACRE |                      | \$ 1005.00         | \$               |
| TOTAL VARIABLE COSTS             |                    | ACRE |                      | \$ 1333.95         | \$               |
| BREAK-EVEN PRICE, VARIABLE COSTS |                    |      | \$ 4.45/CRTN         | CUCUMBERS          |                  |
| 3. INCOME ABOVE VARIABLE COSTS   |                    | ACRE |                      | \$ 691.05          | \$               |
| 4. FIXED COSTS                   |                    |      |                      |                    |                  |
| DEPREC. INTEREST, TAXES & INSUR. |                    |      |                      |                    |                  |
| TRACTOR                          |                    | ACRE |                      | 25.01              |                  |
| EQUIPMENT                        |                    | ACRE |                      | 14.80              |                  |
| LAND-CASH RENT                   | 1.00               | ACRE | 90.00                | 90.00              |                  |
| TOTAL FIXED COSTS                |                    | ACRE |                      | \$ 129.81          | \$               |
| 5. TOTAL PROJECTED COSTS         |                    | ACRE |                      | \$ 1463.76         | \$               |
| BREAK-EVEN PRICE, TOTAL COSTS    |                    |      | \$ 4.88/CRTN         | CUCUMBERS          |                  |
| 6. NET PROJECTED RETURNS         |                    | ACRE |                      | \$ 561.24          | \$               |

CUCUMBERS SOLD IN 50-55 POUND BUSHEL CARTONS.

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.



PROJECTIONS FOR PLANNING PURPOSES ONLY  
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82.

B-1241 (C19)

CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION  
1982 PROJECTED COSTS AND RETURNS PER ACRE

| MACHINERY<br>OPERATION | ITEM<br>NO. | OPER<br>MONTH | TIMES<br>OVER | LABOR<br>HOURS | MACHINE<br>HOURS | MACH<br>OPER<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | MACH<br>FIXED<br>COSTS | TOTAL<br>OPER.<br>COST |
|------------------------|-------------|---------------|---------------|----------------|------------------|-----------------------|----------------|-------------------------|------------------------|------------------------|
| SHREDDER 4R            | 5,46        | SEPT          | 1.00          | 0.283          | 0.214            | 0.89                  | 0.98           | 0.0                     | 3.31                   | 5.18                   |
| OFFSET DISC            | 1,38        | SEPT          | 1.00          | 0.210          | 0.159            | 2.35                  | 0.73           | 0.0                     | 5.07                   | 8.15                   |
| FERT. APPL. RNTD       | 4,59        | JAN           | 1.00          | 0.203          | 0.154            | 0.97                  | 0.70           | 53.00                   | 2.33                   | 57.00                  |
| DITCHER BLADE          | 5,48        | JAN           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| BEDDER 6R              | 2,35        | FEB           | 1.00          | 0.151          | 0.115            | 1.39                  | 0.52           | 0.0                     | 2.06                   | 3.96                   |
| RLNG CULT 6R           | 2,34        | FEB           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| STANHAY PLANTR         | 1,58        | FEB           | 1.00          | 0.310          | 0.235            | 4.20                  | 1.07           | 15.63                   | 5.82                   | 26.72                  |
| HERB SPRAYR 6R         | 2,47        | FEB           | 1.00          | 0.209          | 0.159            | 1.89                  | 0.72           | 3.89                    | 2.60                   | 9.11                   |
| DITCHER BLADE          | 5,48        | FEB           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| RLNG CULT 6R           | 2,34        | MAR           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| DITCHER BLADE          | 5,48        | MAR           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| RLNG CULT 6R           | 2,34        | APR           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| DITCHER BLADE          | 5,48        | APR           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| DITCHER BLADE          | 5,48        | MAY           | 1.00          | 0.504          | 0.382            | 1.40                  | 1.74           | 0.0                     | 7.08                   | 10.21                  |
| TOTALS                 |             |               |               | 2.475          | 1.875            | 18.99                 | 8.54           | 72.51                   | 37.16                  | 137.21                 |

| IRRIGATION<br>APPLICATION | APPL.<br>MONTH | ACRE<br>INCHES | LABOR<br>HOURS | SYSTEM<br>HOURS | IRRIG<br>OPER.<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | IRRIG<br>FIXED<br>COSTS | TOTAL<br>IRRIG<br>COSTS |
|---------------------------|----------------|----------------|----------------|-----------------|-------------------------|----------------|-------------------------|-------------------------|-------------------------|
| WATER APPLICATION         | JAN            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | FEB            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | MAR            | 12.00          | 3.000          | 0.0             | 0.0                     | 10.35          | 12.00                   | 0.0                     | 22.35                   |
| WATER APPLICATION         | APR            | 12.00          | 3.000          | 0.0             | 0.0                     | 10.35          | 12.00                   | 0.0                     | 22.35                   |
| WATER APPLICATION         | MAY            | 12.00          | 3.000          | 0.0             | 0.0                     | 10.35          | 12.00                   | 0.0                     | 22.35                   |
| TOTALS                    |                | 48.00          | 12.000         | 0.0             | 0.0                     | 41.40          | 48.00                   | 0.0                     | 89.40                   |

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
ADJUSTED FOR YIELD-RELATED CCOSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CUCUMBERS  
(DOLLARS)

|        | 5.40   | 6.07   | 6.75   | 7.42    | 8.10    |
|--------|--------|--------|--------|---------|---------|
| CRTN   |        |        |        |         |         |
| 240.00 | 163.05 | 325.05 | 487.05 | 649.05  | 811.05  |
| 270.00 | 224.55 | 406.80 | 589.05 | 771.30  | 953.55  |
| 300.00 | 286.05 | 488.55 | 691.05 | 893.55  | 1096.05 |
| 330.00 | 347.55 | 570.30 | 793.05 | 1015.80 | 1238.55 |
| 360.00 | 409.05 | 652.05 | 895.05 | 1138.05 | 1381.05 |

QUANTITY OF  
CUCUMBERS



HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION  
 1982 PROJECTED COSTS AND RETURNS PER ACRE

| CATEGORY                            | PROJECTED<br>YIELD | UNIT | \$/UNIT   | PROJECTED<br>VALUE | YOUR<br>ESTIMATE |
|-------------------------------------|--------------------|------|-----------|--------------------|------------------|
| 1. GROSS RECEIPTS                   |                    |      |           |                    |                  |
| HONEYDEWS                           |                    |      |           |                    |                  |
| TOTAL PROJECTED RETURNS             | 750.00             | CRTN | 5.15      | 3862.50            | \$               |
| 2. VARIABLE COSTS                   |                    |      |           |                    |                  |
| PREHARVEST COSTS                    |                    |      |           |                    |                  |
| *HONEYDEW SEED                      | 3.00               | LB.  | 6.00      | 18.00              |                  |
| *NITROGEN (DRY)                     | 100.00             | LB.  | 0.35      | 35.00              |                  |
| *PHOSPHATE                          | 80.00              | LB.  | 0.30      | 24.00              |                  |
| FOLFEED                             | 1.00               | ACRE | 4.38      | 4.38               |                  |
| *INSECTICIDE                        | 5.00               | APPL | 5.39      | 26.95              |                  |
| *FUNGICIDE                          | 10.00              | APPL | 4.70      | 47.00              |                  |
| *HERBICIDE                          | 2.00               | ACRE | 27.55     | 55.10              |                  |
| PESTICIDE APPL.                     | 10.00              | APPL | 3.50      | 35.00              |                  |
| *IRRIG. WATER                       | 5.00               | APPL | 6.00      | 30.00              |                  |
| BEE RENT                            | 0.50               | ACRE | 12.00     | 6.00               |                  |
| IRRIGATION WATER                    | 30.00              | ACIN |           |                    |                  |
| FUEL & LUBE--TRACTOR                |                    | ACRE | 21.28     |                    |                  |
| EQUIPMENT                           |                    | ACRE | 2.47      |                    |                  |
| REPAIRS-----TRACTOR                 |                    | ACRE | 4.05      |                    |                  |
| EQUIPMENT                           |                    | ACRE | 4.28      |                    |                  |
| LABOR-----MACHINERY                 | 3.10               | HOOR | 3.45      | 10.68              |                  |
| IRRIGATION                          | 7.50               | HOOR | 3.45      | 25.87              |                  |
| EQUIPMENT                           | 0.98               | HOOR | 3.45      | 3.38               |                  |
| OTHER                               | 10.00              | HOOR | 3.45      | 34.50              |                  |
| OPERATING CAPITAL                   | 160.84             | DOL. | 0.190     | 30.56              |                  |
| SUBTOTAL, PREHARVEST                |                    | ACRE | \$        | 418.49             | \$               |
| HARVEST COSTS                       |                    |      |           |                    |                  |
| HARVEST                             | 750.00             | CRTN | 0.60      | 450.00             |                  |
| PACK&CONT                           | 750.00             | CRTN | 4.75      | 3562.50            |                  |
| MKT-VEGETABLES                      | 750.00             | CRTN | 0.40      | 300.00             |                  |
| SUBTOTAL, HARVEST                   |                    | ACRE | \$        | 4312.50            | \$               |
| TOTAL VARIABLE COSTS                |                    | ACRE | \$        | 4730.98            | \$               |
| BREAK-EVEN PRICE, VARIABLE COSTS    |                    | \$   | 6.31/CRTN | HONEYDEWS          |                  |
| 3. INCOME ABOVE VARIABLE COSTS      |                    | ACRE | \$        | -868.48            | \$               |
| 4. FIXED COSTS                      |                    |      |           |                    |                  |
| DEPREC., INTEREST, TAXES & INSUR.   |                    |      |           |                    |                  |
| TRACTOR                             |                    | ACRE |           | 35.17              |                  |
| EQUIPMENT                           |                    | ACRE |           | 17.13              |                  |
| LAND-CASH RENT                      | 1.00               | ACRE | 90.00     | 90.00              |                  |
| TOTAL FIXED COSTS                   |                    | ACRE | \$        | 142.31             | \$               |
| 5. TOTAL PROJECTED COSTS            |                    | ACRE | \$        | 4873.29            | \$               |
| BREAK-EVEN PRICE, TOTAL COSTS       |                    | \$   | 6.50/CRTN | HONEYDEWS          |                  |
| 6. NET PROJECTED RETURNS            |                    | ACRE | \$        | -1010.79           | \$               |
| HONEYDEWS SOLD IN 30 POUND CARTONS. |                    |      |           |                    |                  |



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B-1241 (C19)

HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION  
1982 PROJECTED COSTS AND RETURNS PER ACRE

| MACHINERY<br>OPERATION | ITEM<br>NO. | OPER<br>MONTH | TIMES<br>OVER | LABOR<br>HOURS | MACHINE<br>HOURS | MACH<br>OPER<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | MACH<br>FIXED<br>COSTS | TOTAL<br>OPER.<br>COST |
|------------------------|-------------|---------------|---------------|----------------|------------------|-----------------------|----------------|-------------------------|------------------------|------------------------|
| SHREDDER 4R            | 5,46        | SEPT          | 1.00          | 0.283          | 0.214            | 0.89                  | 0.98           | 0.0                     | 3.31                   | 5.18                   |
| OFFSET DISC            | 1,38        | SEPT          | 1.00          | 0.210          | 0.159            | 2.35                  | 0.73           | 0.0                     | 5.07                   | 8.15                   |
| MOLDBOARD PLOW         | 1,31        | OCT           | 0.50          | 0.226          | 0.171            | 2.72                  | 0.78           | 0.0                     | 5.04                   | 8.55                   |
| CHISEL PLOW            | 1,33        | OCT           | 0.50          | 0.084          | 0.064            | 0.94                  | 0.29           | 0.0                     | 1.74                   | 2.97                   |
| FLCAT PLANE            | 1,45        | NOV           | 1.00          | 0.216          | 0.164            | 2.26                  | 0.75           | 0.0                     | 4.45                   | 7.46                   |
| RLNG CULT 6R           | 2,34        | NOV           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| RLNG CULT 6R           | 2,34        | DEC           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| RLNG CULT 6R           | 2,34        | JAN           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| FERT. APPL. RNTD       | 4,59        | JAN           | 1.00          | 0.203          | 0.154            | 0.97                  | 0.70           | 59.00                   | 2.33                   | 63.00                  |
| BEDDER 6R              | 2,35        | JAN           | 1.00          | 0.151          | 0.115            | 1.39                  | 0.52           | 0.0                     | 2.06                   | 3.96                   |
| HERB SPRAYR 6R         | 2,47        | JAN           | 1.00          | 0.209          | 0.159            | 1.89                  | 0.72           | 27.55                   | 2.60                   | 32.77                  |
| RLNG CULT 6R           | 2,34        | FEB           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| STANHAY PLANTR         | 1,58        | FEB           | 1.00          | 0.310          | 0.235            | 4.20                  | 1.07           | 18.00                   | 5.82                   | 29.10                  |
| DITCHER BLADE          | 5,48        | FEB           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| RLNG CULT 6R           | 2,34        | MAR           | 1.00          | 0.194          | 0.147            | 1.95                  | 0.67           | 0.0                     | 2.87                   | 5.49                   |
| HERB SPRAYR 6R         | 2,47        | MAR           | 1.00          | 0.209          | 0.159            | 1.89                  | 0.72           | 27.55                   | 2.60                   | 32.77                  |
| DITCHER BLADE          | 5,48        | MAR           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| DITCHER BLADE          | 5,48        | APR           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| DITCHER BLADE          | 5,48        | MAY           | 0.01          | 0.005          | 0.004            | 0.01                  | 0.02           | 0.0                     | 0.07                   | 0.10                   |
| TOTALS                 |             |               |               | 3.095          | 2.345            | 29.31                 | 10.68          | 132.10                  | 49.65                  | 221.75                 |

| IRRIGATION<br>APPLICATION | APPL.<br>MONTH | ACRE<br>INCHES | LABOR<br>HOURS | SYSTEM<br>HOURS | IRRIG<br>OPER.<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | IRRIG<br>FIXED<br>COSTS | TOTAL<br>IRRIG<br>COSTS |
|---------------------------|----------------|----------------|----------------|-----------------|-------------------------|----------------|-------------------------|-------------------------|-------------------------|
| WATER APPLICATION         | FEB            | 12.00          | 3.000          | 0.0             | 0.0                     | 10.35          | 12.00                   | 0.0                     | 22.35                   |
| WATER APPLICATION         | MAR            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | APR            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| WATER APPLICATION         | MAY            | 6.00           | 1.500          | 0.0             | 0.0                     | 5.17           | 6.00                    | 0.0                     | 11.17                   |
| TOTALS                    |                | 30.00          | 7.500          | 0.0             | 0.0                     | 25.87          | 30.00                   | 0.0                     | 55.87                   |

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF HONEYDEWS  
(DOLLARS)

|        | 4.12     | 4.63     | 5.15    | 5.66    | 6.18    |
|--------|----------|----------|---------|---------|---------|
| CRTN   |          |          |         |         |         |
| 600.00 | -1396.48 | -1087.48 | -778.48 | -469.49 | -160.49 |
| 675.00 | -1518.73 | -1171.11 | -823.48 | -475.86 | -128.24 |
| 750.00 | -1640.98 | -1254.73 | -868.48 | -482.24 | -95.99  |
| 825.00 | -1763.23 | -1338.36 | -913.49 | -488.61 | -63.74  |
| 900.00 | -1885.48 | -1421.99 | -958.49 | -494.99 | -31.49  |

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE  
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT  
STRATEGIES.



| CODE | ITEM NAME        | NMOD | UNIT | PRICE  | CODE | ITEM NAME        | NMOD | UNIT  | PRICE  |
|------|------------------|------|------|--------|------|------------------|------|-------|--------|
| 12   | SLAUGHTER HEIFER | ---- | CWT. | 74.00  | 359  | IRRIG. LABOR     | ---- | HOURL | 3.50   |
| 13   | STEER CALVES     | ---- | CWT. | 81.50  | 370  | TREE WRAP        | ---- | TREE  | 0.65   |
| 14   | HEIFER CALVES    | ---- | CWT. | 72.50  | 372  | TREE REPLACEMNT  | ---- | TREE  | 5.00   |
| 17   | CULL COWS        | ---- | CWT. | 46.00  | 383  | MARKETING        | ---- | HEAD  | 6.50   |
| 28   | DEER LEASE       | ---- | ACRE | 5.00   | 392  | MARKETING        | LIVE | HEAD  | 6.50   |
| 72   | CORN             | ---- | BU.  | 2.80   | 393  | MISC EXPENSE     | LIVE | HEAD  | 5.00   |
| 73   | GRAIN SORGHUM    | ---- | CWT. | 4.80   | 395  | FENCE REPAIR     | ---- | HEAD  | 1.50   |
| 93   | COTTON LINT      | ---- | LB.  | 0.59   | 396  | WATER FACIL REPR | ---- | HEAD  | 1.00   |
| 98   | SOYBEANS         | ---- | BU.  | 5.00   | 400  | MISC EXPENSE     | ---- | HEAD  | 5.00   |
| 103  | SALT & MIN.      | ---- | HEAD | 8.50   | 410  | VET MEDICINE     | ---- | HEAD  | 8.00   |
| 110  | RANGE CUBES      | ---- | LB.  | 0.20   | 466  | LIVESTOCK WATER  | ---- | EACH  | 0.15   |
| 154  | PASTURE RENT     | PAIM | ACRE | 4.17   | 468  | IRRIG. WATER     | ---- | APPL  | 6.00   |
| 155  | PASTURE RENT     | UNIM | ACRE | 3.00   | 497  | BRUSH CLEARING   | ---- | ACRE  | 100.00 |
| 156  | PASTURE RENT     | IMPI | ACRE | 45.00  | 501  | BELL PEPPERS     | SD   | LB.   | 20.00  |
| 157  | PASTURE RENT     | IMPI | ACRE | 7.50   | 502  | CABBAGE SEED     | ---- | LB.   | 55.00  |
| 161  | CORN SILAGE      | ---- | TON  | 20.00  | 503  | CANTALOUPE SEED  | ---- | LB.   | 6.00   |
| 163  | SORGHUM SILAGE   | ---- | TON  | 18.00  | 504  | CARROT SEED      | ---- | LB.   | 6.50   |
| 170  | HAY              | ---- | TON  | 100.00 | 505  | CUCUMBER SEED    | ---- | LB.   | 6.25   |
| 177  | RANGE IMPROVEMEN | ---- | DOL. | 2.50   | 506  | LETTUCE SEED     | ---- | LB.   | 18.00  |
| 178  | IMPROVED PASTURE | ---- | ACRE | 4.59   | 507  | HONEYDEW SEED    | ---- | LB.   | 6.00   |
| 184  | SEED CORN/GRAIN  | ---- | LB.  | 1.00   | 508  | ONION SEED       | ---- | LB.   | 50.00  |
| 185  | SEED CRN SILAGE  | CORN | LB.  | 1.00   | 509  | TOMATO SEED      | ---- | LB.   | 25.00  |
| 186  | GRAIN SORG.SEED  | ---- | LB.  | 0.60   | 513  | BUFFEL GRASS     | SD   | LB.   | 3.00   |
| 187  | FORAGE SORG. SD  | SD   | LB.  | 0.60   | 516  | GRAPEFRUIT TREE  | ---- | TREE  | 4.00   |
| 189  | SOYBEAN SEED     | ---- | LB.  | 0.44   | 521  | SIDE DRESS       | BEL  | ACRE  | 75.90  |
| 1    | COTTONSEED       | ---- | TON  | 80.00  | 522  | FOLIAR FEED      | BEL  | ACRE  | 2.72   |
| 211  | NITROGEN         | ---- | LB.  | 0.38   | 523  | HERBICIDE        | BEL  | ACRE  | 58.83  |
| 212  | NITROGEN (DRY)   | ---- | LB.  | 0.35   | 524  | INSECTICIDE      | BEL  | APPL  | 3.40   |
| 215  | PHOSPHATE        | ---- | LB.  | 0.30   | 525  | FUNGICIDE        | BEL  | APPL  | 8.48   |
| 219  | HERBICIDE        | ---- | LB.  | 7.00   | 526  | HARVEST          | BEL  | CRTN  | 1.05   |
| 233  | SOIL INSEC.      | ---- | ACRE | 10.44  | 527  | PACK&CONT        | BEL  | CRTN  | 2.05   |
| 248  | HERB. PREMERGE   | ---- | APPL | 9.00   | 528  | HERBICIDE        | CABB | ACRE  | 43.29  |
| 256  | DEFOLIANT        | ---- | ACRE | 4.60   | 529  | INSECTICIDE      | CABB | APPL  | 6.11   |
| 267  | CUST HARV & HAUL | SOYB | BU.  | 0.65   | 530  | FUNGICIDE        | CABB | APPL  | 4.06   |
| 270  | CUS HARV SORG D  | ---- | CWT. | 0.35   | 531  | HARVEST          | CABB | CRTN  | 0.50   |
| 272  | CUS. HARV. CORN  | ---- | ACRE | 15.00  | 532  | PACK&CON         | ---- | CRTN  | 1.35   |
| 274  | CUSTOM HAUL      | ---- | CWT. | 0.25   | 533  | INSECTICIDE      | CANT | APPL  | 5.44   |
| 282  | GIN. BAG. TIES   | ---- | BALE | 48.00  | 534  | HERBICIDE        | CANT | ACRE  | 25.06  |
| 283  | HAUL GRAIN SORG  | ---- | CWT. | 0.35   | 535  | FUNGICIDE        | CANT | APPL  | 1.48   |
| 291  | SD COTTON        | UPL  | LB.  | 0.50   | 536  | HARVEST          | CANT | CRTN  | 1.10   |
| 299  | PEAR BURNING     | ---- | DOL. | 1.00   | 537  | PACK&CONT        | CANT | CRTN  | 2.50   |
| 318  | CUSTOM PLANT     | ---- | ACRE | 5.00   | 538  | HERBICIDE        | CARR | ACRE  | 25.81  |
| 330  | FERTILIZER APPL  | ---- | ACRE | 3.00   | 539  | INSECTICIDE      | CARR | APPL  | 3.17   |
| 331  | PESTICIDE APPL.  | ---- | APPL | 3.50   | 540  | FUNGICIDE        | CARR | APPL  | 4.06   |
| 332  | HERBICIDES       | ---- | ACRE | 2.50   | 541  | FUMIGATE         | CARR | ACRE  | 0.15   |
| 335  | DEFOLIANT APPLI. | ---- | ACRE | 3.00   | 542  | HARVEST          | CARR | BAGS  | 1.05   |
| 337  | CUSTOM SPRIGGING | ---- | ACRE | 75.00  | 543  | PACK&CONT        | CARR | BAGS  | 2.20   |
| 339  | MOW. RAKE. BALE  | ---- | BALE | 0.45   | 544  | FOLFEED          | HONE | ACRE  | 4.38   |
| 340  | CUSTOM BALING    | ---- | BALE | 0.45   | 545  | INSECTICIDE      | HONE | APPL  | 5.39   |
| 341  | CUSTOM BALE HAUL | ---- | BALE | 0.25   | 546  | FUNGICIDE        | HONE | APPL  | 4.70   |

|          |          |           |           |           |           |           |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
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| 2 = BU.  | 7 = ACRE | 12 = LB.  | 16 = CWT. | 20 = APPL | 24 = CRAT | 28 = GPM  |
| 3 = TON  | 8 = HOUR | 13 = PINT | 17 = OZ.  | 21 = SQFT | 25 = BAGS | 29 = KWH  |
| 4 = DOZ. | 9 = DAYS | 14 = QT.  | 18 = MILE | 22 = LBGN | 26 = TREE | 30 = MCF  |
| 5 = GAL. | 10 = AUM |           |           |           |           |           |



| CODE | ITEM NAME      | NMOD  | UNIT | PRICE  | CODE  | ITEM NAME | NMOD  | UNIT  | PRICE |
|------|----------------|-------|------|--------|-------|-----------|-------|-------|-------|
| 547  | HERBICIDE      | HONE  | ACRE | 27.55  | 600   | BEE RENT  | ----- | ACRE  | 12.00 |
| 548  | HARVEST        | HONE  | CRTN | 0.60   | ----- | -----     | ----- | ----- | ----- |
| 549  | PACK&CONT      | HONE  | CRTN | 4.75   | ----- | -----     | ----- | ----- | ----- |
| 550  | HERBICIDE      | LETT  | ACRE | 24.02  | ----- | -----     | ----- | ----- | ----- |
| 551  | INSECTICIDE    | LETT  | APPL | 5.33   | ----- | -----     | ----- | ----- | ----- |
| 552  | FUNGICIDE      | LETT  | APPL | 4.06   | ----- | -----     | ----- | ----- | ----- |
| 553  | HARVEST        | LETT  | CRTN | 3.20   | ----- | -----     | ----- | ----- | ----- |
| 554  | PACK&CONT      | LETT  | CRTN | 1.35   | ----- | -----     | ----- | ----- | ----- |
| 555  | HERBICIDE      | ONIO  | ACRE | 11.08  | ----- | -----     | ----- | ----- | ----- |
| 556  | INSECTICIDE    | ONIO  | APPL | 4.46   | ----- | -----     | ----- | ----- | ----- |
| 557  | FUNGICIDE      | ONIO  | APPL | 4.11   | ----- | -----     | ----- | ----- | ----- |
| 558  | FOLFEED        | ONIO  | APPL | 5.24   | ----- | -----     | ----- | ----- | ----- |
| 559  | HARVEST        | ONIO  | BAGS | 1.30   | ----- | -----     | ----- | ----- | ----- |
| 560  | PACK&CONT      | ONIO  | BAGS | 1.55   | ----- | -----     | ----- | ----- | ----- |
| 561  | DRYING         | ONIO  | BAGS | 0.25   | ----- | -----     | ----- | ----- | ----- |
| 562  | HERBICIDE      | TOMA  | ACRE | 16.46  | ----- | -----     | ----- | ----- | ----- |
| 563  | INSECTICIDE    | TOMA  | APPL | 5.03   | ----- | -----     | ----- | ----- | ----- |
| 564  | FUNGICIDE      | TOMA  | APPL | 4.06   | ----- | -----     | ----- | ----- | ----- |
| 565  | HARVEST        | TOMA  | CRTN | 1.30   | ----- | -----     | ----- | ----- | ----- |
| 566  | PACK&CONT      | TOMA  | CRTN | 1.75   | ----- | -----     | ----- | ----- | ----- |
| 567  | FOLFEED        | TOMA  | ACRE | 1.10   | ----- | -----     | ----- | ----- | ----- |
| 568  | FOLFEED        | CUMC  | ACRE | 3.50   | ----- | -----     | ----- | ----- | ----- |
| 569  | HERBICIDE      | CUMC  | ACRE | 3.89   | ----- | -----     | ----- | ----- | ----- |
| 570  | INSECTICIDE    | CUMC  | APPL | 5.44   | ----- | -----     | ----- | ----- | ----- |
| 571  | FUNGICIDE      | CUMC  | APPL | 5.31   | ----- | -----     | ----- | ----- | ----- |
| 572  | HARVEST        | CUMC  | CRTN | 1.30   | ----- | -----     | ----- | ----- | ----- |
| 573  | PACK&CONT      | CUMC  | CRTN | 1.65   | ----- | -----     | ----- | ----- | ----- |
| 574  | HERBICIDE      | CITY  | ACRE | 24.20  | ----- | -----     | ----- | ----- | ----- |
| 575  | HERBICIDE      | CITR  | APPL | 47.73  | ----- | -----     | ----- | ----- | ----- |
| 576  | INSECTICIDE    | CITR  | APPL | 55.50  | ----- | -----     | ----- | ----- | ----- |
| 577  | INSECT. APPL.  | CITR  | APPL | 20.00  | ----- | -----     | ----- | ----- | ----- |
| 578  | GRAPEFRUIT     | ----- | TON  | 110.00 | ----- | -----     | ----- | ----- | ----- |
| 579  | ORANGES        | ----- | TON  | 130.00 | ----- | -----     | ----- | ----- | ----- |
| 580  | BELL PEPPERS   | ----- | CRTN | 5.55   | ----- | -----     | ----- | ----- | ----- |
| 581  | CABBAGE        | ----- | CRTN | 4.10   | ----- | -----     | ----- | ----- | ----- |
| 582  | CANTALOUPE     | ----- | CRTN | 5.10   | ----- | -----     | ----- | ----- | ----- |
| 583  | CARROTS        | ----- | BAGS | 4.10   | ----- | -----     | ----- | ----- | ----- |
| 584  | HONEYDEWS      | ----- | CRTN | 5.15   | ----- | -----     | ----- | ----- | ----- |
| 585  | LETTUCE        | ----- | CRTN | 3.35   | ----- | -----     | ----- | ----- | ----- |
| 586  | ONIONS         | ----- | BAGS | 8.00   | ----- | -----     | ----- | ----- | ----- |
| 587  | TOMATOES       | ----- | CRTN | 8.00   | ----- | -----     | ----- | ----- | ----- |
| 588  | CUCUMBERS      | ----- | CRTN | 6.75   | ----- | -----     | ----- | ----- | ----- |
| 589  | MKT-VEGETABLES | ----- | CRTN | 0.40   | ----- | -----     | ----- | ----- | ----- |
| 590  | INSECTICIDE    | COTT  | APPL | 8.00   | ----- | -----     | ----- | ----- | ----- |
| 591  | HERBICIDE      | COTT  | ACRE | 18.50  | ----- | -----     | ----- | ----- | ----- |
| 592  | INSECTICIDE    | GRN   | APPL | 2.25   | ----- | -----     | ----- | ----- | ----- |
| 593  | HERBICIDE      | GRN   | APPL | 3.03   | ----- | -----     | ----- | ----- | ----- |
| 594  | INSECTICIDE    | SB    | APPL | 3.21   | ----- | -----     | ----- | ----- | ----- |
| 595  | INNOC.         | SB    | APPL | 1.10   | ----- | -----     | ----- | ----- | ----- |
| 596  | FUNGICIDE      | SB    | APPL | 8.32   | ----- | -----     | ----- | ----- | ----- |

|          |          |           |           |           |           |           |
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TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS  
 REGION: 19 DATE: 021582

| ROW | PARAMETER DEFINITION                                         | DEFAULT VALUE |
|-----|--------------------------------------------------------------|---------------|
| 1.  | PRICE PER GALLON OF GASOLINE                                 | 1.2000        |
| 2.  | PRICE PER GALLON OF L.P. GAS                                 | 0.4400        |
| 3.  | PRICE PER GALLON OF DIESEL                                   | 1.1000        |
| 4.  | PRICE PER KILOWATT HOUR OF ELECTRICITY                       | 0.0800        |
| 5.  | PRICE PER 1000 CU. FT. OF NATURAL GAS                        | 0.0           |
| 6.  | NOMINAL INTEREST RATE                                        | 0.1900        |
| 7.  | MACHINERY INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 8.  | MACHINERY TAX RATE (PURCHASE VALUE)                          | 0.0050        |
| 9.  | IRRIGATION SYSTEM NUMBER                                     | 1.            |
| 10. | HOURLY MACHINERY WAGE RATE                                   | 3.45          |
| 11. | HOURLY OTHER LABOR WAGE RATE                                 | 3.45          |
| 12. | HOURLY IRRIG./LIVESTOCK WAGE RATE                            | 3.45          |
| 13. | DEATH LOSS (PERCENT OF TOTAL RECEIPTS)                       | 0.0           |
| 14. | LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 15. | EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 16. | LIVESTOCK TAX RATE (AVERAGE VALUE)                           | 0.0050        |
| 17. | EQUIPMENT TAX RATE (AVERAGE VALUE)                           | 0.0050        |
| 18. | IRRIGATION LABOR MULTIPLIER (HRS/ACIN)                       | 0.2500        |
| 19. | FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS                 | 1.1000        |
| 20. | FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS                   | 1.2000        |
| 21. | FACTOR TO CONVERT SELF-POWERED MACHINERY HRS<br>TO LABOR HRS | 1.2500        |
| 22. | LUBRICATION COST MULTIPLE OF MACHINERY<br>FUEL COSTS         | 0.1000        |
| 23. | INFLATION RATE                                               | 0.0           |
| 24. | LUBRICATION COST MULTIPLE OF EQUIPMENT<br>FUEL COSTS         | 0.0500        |



## LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 19

DATE:021582

| MACHINE         | 1<br>NO. | 2<br>WIDTH<br>(FT) | 3<br>LIST<br>PRICE | 4<br>SPEED<br>(RPH) | 5<br>FIELD<br>EFF. | 6<br>RC1 | 7<br>AGE<br>(HRS) | 8<br>RC3 | 9<br>ANNUAL<br>HRS | 10<br>YEARS<br>OWNED | 11<br>RFV1 | 12<br>RFV2 | 13<br>PURCH<br>PRICE | 14<br>FUEL<br>TYPE | 15<br>LIFE<br>(HRS) | 16<br>HP |
|-----------------|----------|--------------------|--------------------|---------------------|--------------------|----------|-------------------|----------|--------------------|----------------------|------------|------------|----------------------|--------------------|---------------------|----------|
| TRACTOR         | 1.       | 150.0              | 39030.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 500.               | 7.                   | 0.68       | 0.92       | 35130.               | 3.                 | 12000.              | 150.     |
| TRACTOR         | 2.       | 125.0              | 32330.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 600.               | 7.                   | 0.68       | 0.92       | 29100.               | 3.                 | 12000.              | 125.     |
| TRACTOR         | 3.       | 100.0              | 27940.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 500.               | 7.                   | 0.68       | 0.92       | 25150.               | 3.                 | 12000.              | 100.     |
| TRACTOR         | 4.       | 75.0               | 18370.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 300.               | 7.                   | 0.68       | 0.92       | 16530.               | 3.                 | 12000.              | 75.      |
| TRACTOR         | 5.       | 40.0               | 11200.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 300.               | 7.                   | 0.68       | 0.92       | 10080.               | 3.                 | 12000.              | 40.      |
| TRACTOR 4 WH DR | 6.       | 225.0              | 57650.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 600.               | 7.                   | 0.68       | 0.92       | 51885.               | 3.                 | 12000.              | 225.     |
| PICKUP TRUCK    | 10.      | 0.5                | 8500.              | 30.0                | 0.88               | 0.80     | 0.                | 1.60     | 700.               | 3.                   | 0.60       | 0.88       | 7650.                | 1.                 | 2800.               | 30.      |
| COMBINE         | 13.      | 14.0               | 48645.             | 3.0                 | 0.70               | 1.20     | 0.                | 1.60     | 200.               | 6.                   | 0.68       | 0.92       | 41360.               | 1.                 | 1500.               | 120.     |
| COMBINE         | 14.      | 20.0               | 67100.             | 3.0                 | 0.70               | 1.20     | 0.                | 1.60     | 300.               | 6.                   | 0.68       | 0.92       | 59400.               | 1.                 | 2500.               | 150.     |
| CTTN PICKER 28  | 17.      | 6.0                | 60375.             | 2.3                 | 0.70               | 0.75     | 0.                | 1.80     | 300.               | 6.                   | 0.64       | 0.88       | 56782.               | 3.                 | 2000.               | 105.     |
| HOLDBOARD PLOW  | 30.      | 5.3                | 5825.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 100.               | 7.                   | 0.60       | 0.88       | 5280.                | 0.                 | 2000.               | 0.       |
| HOLDBOARD PLOW  | 31.      | 6.7                | 6564.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 5940.                | 0.                 | 2000.               | 0.       |
| CHISEL PLOW     | 32.      | 15.0               | 4812.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 4345.                | 0.                 | 2000.               | 0.       |
| CHISEL PLOW     | 33.      | 18.0               | 5143.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 4675.                | 0.                 | 2000.               | 0.       |
| RLNG CULT 6R    | 34.      | 20.0               | 5390.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 4785.                | 0.                 | 2000.               | 0.       |
| BEDDER 6R       | 35.      | 20.0               | 2977.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 2700.                | 0.                 | 2000.               | 0.       |
| PLANTER 6R      | 36.      | 20.0               | 5418.              | 4.5                 | 0.80               | 0.80     | 0.                | 1.60     | 100.               | 7.                   | 0.60       | 0.88       | 4950.                | 0.                 | 1200.               | 0.       |
| OFFSET DISC     | 38.      | 13.0               | 8042.              | 4.8                 | 0.83               | 0.65     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 7291.                | 0.                 | 2000.               | 0.       |
|                 | 40.      | 20.0               | 7593.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 6892.                | 0.                 | 2000.               | 0.       |
| ROTOVATOR 4R    | 42.      | 13.0               | 6710.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 5638.                | 0.                 | 2000.               | 0.       |
|                 | 43.      | 14.0               | 3500.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 3000.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR 6R   | 44.      | 20.0               | 4290.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 3740.                | 0.                 | 2000.               | 0.       |
| FLOAT PLANE     | 45.      | 14.0               | 5060.              | 6.0                 | 0.60               | 0.60     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 4620.                | 0.                 | 2500.               | 0.       |
| SHREDDER 4R     | 46.      | 13.0               | 4070.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 3630.                | 0.                 | 2000.               | 0.       |
| REBB SPRAY 6R   | 47.      | 20.0               | 1341.              | 4.0                 | 0.65               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 1210.                | 0.                 | 1200.               | 0.       |
| DITCHER BLADE   | 48.      | 6.0                | 1990.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 50.                | 7.                   | 0.60       | 0.88       | 1800.                | 0.                 | 2000.               | 0.       |
| WTR TANK&TRAIL  | 49.      | 3.0                | 3973.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 3616.                | 0.                 | 2000.               | 0.       |
| CTTN TRAILERS   | 50.      | 3.0                | 2546.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 2546.                | 0.                 | 2000.               | 0.       |
| ORCH SPRAY      | 51.      | 25.0               | 18150.             | 4.0                 | 0.65               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 15812.               | 0.                 | 1200.               | 0.       |
|                 | 52.      | 8.0                | 1200.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 1075.                | 0.                 | 2000.               | 0.       |
| BORDER DISC     | 53.      | 6.0                | 963.               | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 852.                 | 0.                 | 2000.               | 0.       |
| TREE HOE        | 54.      | 5.0                | 1925.              | 3.0                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 1705.                | 0.                 | 2000.               | 0.       |
| REB SPR & HDGN  | 55.      | 12.0               | 1210.              | 4.0                 | 0.67               | 1.20     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 1100.                | 0.                 | 1200.               | 0.       |
| BROADCAST SEEDS | 56.      | 30.0               | 1485.              | 4.0                 | 0.67               | 1.20     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 1403.                | 0.                 | 1200.               | 0.       |
| FLEX HARROW     | 57.      | 12.0               | 770.               | 4.5                 | 0.80               | 0.65     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 660.                 | 0.                 | 2000.               | 0.       |
| STANRAY PLANTR  | 58.      | 13.0               | 6380.              | 4.5                 | 0.60               | 0.80     | 0.                | 1.60     | 200.               | 7.                   | 0.60       | 0.88       | 4400.                | 0.                 | 1200.               | 0.       |
| FERT.APPL,BMTD  | 59.      | 20.0               | 1.                 | 4.0                 | 0.67               | 1.20     | 0.                | 1.80     | 10.                | 1.                   | 0.60       | 0.88       | 1.                   | 0.                 | 1200.               | 0.       |
| FERT.APPL,BMTD  | 60.      | 25.0               | 1.                 | 4.0                 | 0.67               | 1.20     | 0.                | 1.80     | 1.                 | 1.                   | 0.60       | 0.88       | 1.                   | 0.                 | 1200.               | 0.       |
| GRAIN CART      | 61.      | 16.0               | 1980.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 240.               | 20.                  | 0.60       | 0.88       | 1980.                | 0.                 | 2000.               | 0.       |
|                 | 63.      | 5.3                | 1640.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 100.               | 8.                   | 0.60       | 0.88       | 1350.                | 0.                 | 2000.               | 0.       |
|                 | 64.      | 13.0               | 1900.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 10.                  | 0.60       | 0.88       | 1650.                | 0.                 | 2000.               | 0.       |
|                 | 65.      | 12.0               | 850.               | 4.5                 | 0.80               | 0.65     | 0.                | 1.80     | 150.               | 10.                  | 0.60       | 0.88       | 725.                 | 0.                 | 2000.               | 0.       |
|                 | 66.      | 13.0               | 3900.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 100.               | 12.                  | 0.60       | 0.88       | 3400.                | 0.                 | 2000.               | 0.       |
|                 | 67.      | 5.0                | 1700.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 100.               | 10.                  | 0.60       | 0.88       | 1500.                | 0.                 | 2000.               | 0.       |
|                 | 68.      | 13.0               | 4000.              | 4.0                 | 0.72               | 0.75     | 0.                | 1.80     | 100.               | 10.                  | 0.60       | 0.88       | 3200.                | 0.                 | 1000.               | 0.       |
| HOLDBOARD PLOW  | 69.      | 4.0                | 4510.              | 4.1                 | 0.70               | 0.60     | 0.                | 1.30     | 200.               | 10.                  | 0.60       | 0.88       | 4180.                | 0.                 | 2500.               | 0.       |
| SPIKE HARROW    | 70.      | 12.0               | 935.               | 4.8                 | 0.70               | 0.60     | 0.                | 1.80     | 150.               | 10.                  | 0.60       | 0.88       | 800.                 | 0.                 | 1875.               | 0.       |
| GRAIN DRILL     | 72.      | 13.0               | 4400.              | 4.0                 | 0.63               | 0.60     | 0.                | 1.80     | 100.               | 10.                  | 0.60       | 0.88       | 3520.                | 0.                 | 1250.               | 0.       |
| PLANTER,PEANUT  | 73.      | 13.0               | 5445.              | 5.0                 | 0.60               | 0.60     | 0.                | 1.80     | 200.               | 10.                  | 0.60       | 0.88       | 4600.                | 0.                 | 2500.               | 0.       |
| DIGGER,PEANUT   | 74.      | 6.3                | 3795.              | 3.0                 | 0.67               | 0.60     | 0.                | 1.80     | 200.               | 8.                   | 0.60       | 0.88       | 3410.                | 0.                 | 2000.               | 0.       |
|                 | 75.      | 13.0               | 3700.              | 4.8                 | 0.70               | 0.60     | 0.                | 1.80     | 100.               | 10.                  | 0.56       | 0.88       | 3300.                | 0.                 | 1200.               | 0.       |
| SWATHER, PTO    | 76.      | 12.0               | 9490.              | 5.0                 | 0.77               | 0.60     | 0.                | 1.80     | 200.               | 10.                  | 0.60       | 0.88       | 8588.                | 0.                 | 2500.               | 0.       |
| RAKE, SIDE DEL. | 77.      | 13.0               | 880.               | 4.5                 | 0.77               | 0.60     | 0.                | 1.80     | 150.               | 8.                   | 0.60       | 0.88       | 550.                 | 0.                 | 1500.               | 0.       |
| BALER, PTO      | 78.      | 12.0               | 8682.              | 3.5                 | 0.75               | 0.60     | 0.                | 1.80     | 200.               | 10.                  | 0.60       | 0.88       | 7851.                | 0.                 | 2500.               | 0.       |