Profitability situation

Due to the minimal commercial value of grapes grown in other districts, this study of profitability was restricted to vineyards in Bethlehem/Hebron grape corridor. The sample consisted of 15 farmers, 10 from Hebron district and 5 from Bethlehem. Due to marked differences in costs and returns of all three methods of grape cultivation, their profitability has been individually ascertained (7 creeping, 5 standing, 3 trellised). The results are summarized in Table (VII-8).

Unlike olives, land development costs of vineyards are too recent to ignore. Out-of-pocket cost items incurred in land development were added to pre-maturity costs and amortized on the life span of the vineyard.

Table (VII - 8)
Profitability of grapes

| | Unit — | Trellised | | | Standing | | | Creeping | | |
|------------------------|----------|-----------|-----------|----------|----------|----------|----------|----------|-----------|----------|
| | | JD/unit | Quanti ty | Value JD | JD/uni t | Quantity | Value JD | JD/uni t | Quanti ty | Walue JD |
| briable costs | | | | 48.6 | | | 34.25 | | | 30.25 |
| . Labour - total | | | | 34.3 | | | 24.9 • | | 1 | 21.0 |
| Ploughing | don | 3.33 | 3 | 10.0 | 3.33 | 3 | 10.0 | 3.33 | 3 | 10.0 |
| Pruning | man/day | 3.00 | 1.5 | 4.5 | 3.00 | 1 | 3.0 | 3.0 | 2/3 | 2.0 |
| Fertilization | | 1.60 | 1 | 1.6 | 1.6 | 2/3 | 1.1 | 1.6 | 2/3 | 1.10 |
| Spraying | | 3.00 | 1 | 3.0 | 3.0 | 2/3 | 2.0 | 3.0 | 2/3 | 2.00 |
| Thinning leaves | ,, | 1.60 | 2 | 3.2 | 1.6 | 1 | 1.6 | 1.6 | 2/3 | 1.10 |
| Picking & packing | | (2.40 | 1 | 2.4 | 2.4 | 2/3 | 1.6 | 2.4 | 1/2 | 0.80 |
| | | (1.60 | 6 | 9.6 | 1.6 | 3.5 | 5.6 | 1.6 | 2.5 | 4.00 |
| . Materials - total | | | | 12.8 | | | 8.25 | | | 8.25 |
| Fertilizers | kg | 0.08 | 60 | 4.8 | 0.08 | 40 | 3.20 | 0.08 | 40 | 3.20 |
| Pesticides | | | | 8.0 | | | 5.05 | | | 5.05 |
| Sulfer | kg | 0.17 | 25 | 4.25 | 0.17 | 15 | 2.55 | 0.17 | 15 | 2.55 |
| Polidol | litre | 5.00 | 0.75 | 3.75 | 5.00 | 0.5 | 2.50 | 5.00 | 1/2 | 2.50 |
| . Interest | % | 10 | 1/3 year | r 1.5 | | | 1.1 | | | 1.0 |
| Amortized Foundation | | 1 1 | | | 1 | | | i | 1 | |
| costs | | | | 9.0 | | | 3.6 | | | 2.5 |
| PRODUCTION COSTS - | | 1 1 | | | 1 | | | 1 | 1 | |
| total | | | | 57.60 | | | 37.85 | 1 | | 32.75 |
| arketing costs - total | | | | 28.00 | | | 15.40 | 1 | | 7.12 |
| Transportation | per ton | 1.5 | 2 | 3.0 | 1.5 | 1.14 | 1.70 | 1.5 | 0.75 | 1.12 |
| Commission | 5. | 10 | 250 | 25.0 | 10 | 137 | 13.70 | 10 | 60 | 6.00 |
| Boxes - provided free | by commi | ssion age | nts | | - | | 130.0 | 1 | - | ٠.٠٠ |
| DTAL COSTS | | 1 1 | | 85.60 | | | 41.45 | 1 | | 33.25 |
| DTAL RETURNS | ton | 125 | 2 | 250.0 | 120.0 | 1.144 | 137.0 | 80.0 | 0.75 | 60.0 |
| ET RETURNS | | 1.23 | 2 | 230.0 | 120.0 | 1.144 | 137.0 | 30.0 | 0.75 | 60.0 |
| family labour included | | 1 1 | | 164.4 | | | 95.5 | 1 | | 24.7 |
| family labour excluded | | i i | | 193.4 | | | 112.5 | 1 | | 48.7 |

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