

Title: Integrated Farming fetched more fruits in Pomegranate.

Introduction:

Area of Pomegranate cultivation has been continuously increasing in Kurnool district and presently the crop is in more than 100ha. Similarly Sri Ramapulla Reddy belongs to Tanguturu village of Banaganapalle mandal also started pomegranate in 5.0 acres of land during 2016. He got first harvesting in 2018 and got Rs.40,000/- net income per acre.

Problem identified:

Weeding in pomegranate is high labour oriented activity and has to be done for every three months. The cost of labour for weeding activity alone was Rs.10,000/- per acre. Even mechanical weeding also not that easy in the crop.

KVKs Intervention:

He approached KVK for technical advises for rearing of ram lambs in the pomegranate. The lambs will be left for grazing in the pomegranate for 3-4hours in the morning. Then he supplemented the ram lambs with Blackgram, Groundnut and bengalgram haulms.

To overcome the problem of sanitation and to reduce the labour, he constructed elevated wooden floor within the existing shed with technical guidance from KVK. A total of 500 ram lambs reared during the year 2018-19 in two batches.

Scientific rearing of ram lambs, periodical medication deworming and vaccination was done and hence the mortality was only 2%.

Output and outcomes:

Economics of ram lamb rearing is given bellow

| | | |
|------------------------------|-----------------|---------|
| Cost of ram lambs | 500@3000/- | 1500000 |
| Cost of feeding | | |
| Maize grains | 18000kg@15/- | 270000 |
| Silage | 18tonnes@2000/- | 36000 |
| Haulms | | 40000 |
| Total cost of feeding | | 346000 |
| Labour | @10000 | 120000 |
| Miscellaneous | | 40000 |
| Depreciation on cost of shed | | 30000 |
| Interest on capital | | 135000 |
| Total expenditure | | 2171000 |
| Sale of ram lambs | 450@6300 | 2835000 |

| | |
|------------|--------|
| Net income | 664000 |
|------------|--------|

Rearing of ram lambs given Rs.132800/- additional net income per acre along with pomegranate (Rs.70,000/- per acre). Grazing of ram lambs in the pomegranate reduced the cost of production and also improved soil fertility. Now he is planning to convert into organic pomegranate production.





