

Weighted Average Cost of Production

Lentil, 2023-24

| No. | Operation / Inputs | Avg. No. of Operation / Unit (/acre) | (%) of Usage (Weights) | Avg. Cost per Operation / Unit (Rs./acre) | Total Weighted Cost (Rs./acre) | |
|--|--|---------------------------------------|------------------------|---|--------------------------------|---------------|
| 1 | Deep Ploughing | 1 | 25% | 3033 | 758 | |
| | Ploughing | 2 | 100% | 2120 | 4240 | |
| | Planking | 1 | 100% | 2010 | 2010 | |
| | Leveling | | | | | |
| | Cost of Land Preparation | | | | 7008 | |
| 2 | Seed Quantity (kg) | 9 | 100% | 330 | 2970 | |
| | Seed Drilling | 1 | 33% | 1950 | 644 | |
| | Seed Transmission | | | | | |
| | Seed Treatment | | | | | |
| | Bridging | | | | | |
| | Cost of Seed & Sowing | | | | 3614 | |
| 3 | Water Cost | | | | | |
| | Water Labour | | | | | |
| | Cost of Irrigation | | | | | |
| 4 | Urea | 1 | 29% | 4087 | 1185 | |
| | DAP | 1 | 30% | 13187 | 3956 | |
| | Other Fertilizer | | | | | |
| | Fertilizer Labour/Transport | 1 | 29% | 521 | 151 | |
| | Cost of Fertilizer | | | | 5292 | |
| 5 | Dung trolley | 1 | 21% | 3250 | 683 | |
| | Dung Labour/Transport | 1 | 21% | 2425 | 509 | |
| | Cost of Dung | | | | | |
| 6 | Spray Pesticides | 1 | 8% | 1450 | 116 | |
| | Spray Pest Labour | 1 | 8% | 386 | 31 | |
| | Cost of Pesticides | | | | 147 | |
| 7 | Spray Weedicides | 1 | 8% | 1200 | 96 | |
| | Spray Weeds Labour | 1 | 8% | 386 | 31 | |
| | Hoing Labour | | | | | |
| | Cost of Weedicides | | | | 127 | |
| 8 | Pick / Dig Cost | | | | | |
| | Manual Cutting Cost | 1 | 100% | 6229 | 6229 | |
| | Threshing Cost | | | | | |
| | Machine Harvesting | | | | | |
| | Cost of Harvesting | | | | 6229 | |
| 9 | Full / Half Yearly Land Rent (Rs./acre) | | | | 20000 | |
| 10 | Admin. Cost | | | | | |
| | Tunnel Cost | | | | | |
| | Cost of Other Exp. | | | | | |
| 11 | Transport Rent | 1 | 83% | 782 | 649 | |
| | Transport Labour | 1 | 83% | 261 | 217 | |
| | Bar Dana (Bags) | 1 | 83% | 368 | 305 | |
| | Cost of Transport | | | | 1171 | |
| Cost of Production | | At Mandi Gate (With Land Rent) | | (Rs./ acre) | 43,588 | |
| | | | | (Rs./ 40 Kg) | 10,137 | |
| Average Yield | | for the Last 3 Years | | (40kg/acre) | 4.3 | |
| Expected Revenue | Crop Value @ 12,671 | | | | (Rs./acre) | 54,485 |
| | Residual Value | | | | (Rs./acre) | |
| | Gross Revenue | | | | (Rs./acre) | 54,485 |
| Expected Profit | At Mandi Gate (With Land Rent) | | | | (Rs./acre) | 10,897 |
| | | | | | (Rs./40kg) | 2,534 |
| Indicative Price (Rs./ 40 Kg) @ 25% | | | | 12,671 | | |

Source: Crop Reporting Service, Agriculture Deptt, Punjab