

| <b>Weighted Average Cost of Production</b> |                                                |                                     |                         |                                          |                                 |
|--------------------------------------------|------------------------------------------------|-------------------------------------|-------------------------|------------------------------------------|---------------------------------|
| <b>Maize (Hybrid), 2022-23</b>             |                                                |                                     |                         |                                          |                                 |
| No.                                        | Operation / Inputs                             | Avg. No. of Operation / Unit (Acre) | Percentage of Usage (%) | Avg. Cost per Operation/ Unit (Rs./acre) | Total Weighted Cost (Rs. /acre) |
| 1                                          | Deep Ploughing                                 | 1                                   | 85%                     | 1857                                     | 1578                            |
|                                            | Ploughing                                      | 3.78                                | 84%                     | 999                                      | 3172                            |
|                                            | Planking                                       | 2                                   | 73%                     | 643                                      | 939                             |
|                                            | Leveling                                       | 1                                   | 65%                     | 1980                                     | 1287                            |
|                                            | <b>Cost of Land Prep</b>                       |                                     |                         |                                          | <b>6976</b>                     |
| 2                                          | Seed Quantity (kg)                             | 10                                  | 100%                    | 968                                      | 9680                            |
|                                            | Seed Drilling                                  | 1                                   | 5%                      | 1369                                     | 68                              |
|                                            | Seed Broadcasting                              | 1                                   | 88%                     | 1499                                     | 1319                            |
|                                            | Seed Treatment                                 | 1                                   | 47%                     | 574                                      | 270                             |
|                                            | Bridging                                       | 1                                   | 98%                     | 1295                                     | 1269                            |
|                                            | <b>Cost of Seed &amp; Sowing</b>               |                                     |                         |                                          | <b>12606</b>                    |
| 3                                          | Water No                                       | 10                                  | 96%                     | 1040                                     | 9984                            |
|                                            | Water Labour                                   | 1                                   | 46%                     | 197                                      | 91                              |
|                                            | Canal Labour                                   | 1                                   | 40%                     | 175                                      | 70                              |
|                                            | <b>Cost of Water</b>                           |                                     |                         |                                          | <b>10145</b>                    |
| 4                                          | Urea                                           | 2                                   | 99%                     | 1800                                     | 3564                            |
|                                            | DAP                                            | 1                                   | 99%                     | 9800                                     | 9702                            |
|                                            | Other Fertilizer                               | 1                                   | 35%                     | 5464                                     | 1912                            |
|                                            | Fertilizer Labour                              | 1                                   | 50%                     | 290                                      | 145                             |
|                                            | Fertilizer Transport                           | 1                                   | 95%                     | 175                                      | 166                             |
|                                            | <b>Cost of Fertilizer</b>                      |                                     |                         |                                          | <b>15490</b>                    |
| 5                                          | Dung trolly                                    | 2.78                                | 9%                      | 1256                                     | 314                             |
|                                            | Dung Transport                                 | 1                                   | 9%                      | 1028                                     | 93                              |
|                                            | Dung Labour                                    | 1                                   | 9%                      | 887                                      | 80                              |
|                                            | <b>Cost of Dung</b>                            |                                     |                         |                                          | <b>487</b>                      |
| 6                                          | Spray Pesticides                               | 3                                   | 99%                     | 1092                                     | 3243                            |
|                                            | Spray Pest Labour                              | 1                                   | 90%                     | 410                                      | 369                             |
|                                            | <b>Cost of Pesticides</b>                      |                                     |                         |                                          | <b>3612</b>                     |
| 7                                          | Spray Weedicides                               | 1                                   | 99%                     | 975                                      | 965                             |
|                                            | Spray Weeds Labr                               | 1                                   | 83%                     | 257                                      | 213                             |
|                                            | Hoing Labour                                   |                                     |                         |                                          |                                 |
|                                            | <b>Cost of Weedicides</b>                      |                                     |                         |                                          | <b>1179</b>                     |
| 8                                          | Pick / Dig Cost                                | 1                                   | 15%                     | 5902                                     | 885                             |
|                                            | Cutting Cost                                   |                                     |                         |                                          |                                 |
|                                            | Threshing Cost                                 | 1                                   | 89%                     | 2293                                     | 2041                            |
|                                            | Machine Harvesting                             | 1                                   | 83%                     | 5836                                     | 4844                            |
|                                            | <b>Cost of Harvesting</b>                      |                                     |                         |                                          | <b>7770</b>                     |
| 9                                          | <b>Full / Half Yearly Land Rent (Rs./acre)</b> |                                     |                         |                                          | <b>20000</b>                    |
| 10                                         | Admin. Cost                                    | 1                                   | 5%                      | 6317                                     | 316                             |
|                                            | Tunnel Cost                                    |                                     |                         |                                          |                                 |
|                                            | <b>Cost of Other Exp.</b>                      |                                     |                         |                                          | <b>316</b>                      |
| 11                                         | Transport Rent                                 | 1                                   | 55%                     | 2438                                     | 1341                            |
|                                            | Transport Labour                               | 1                                   | 31%                     | 899                                      | 279                             |
|                                            | Bar Dana (Bags)                                | 1                                   | 21%                     | 1373                                     | 288                             |
|                                            | <b>Cost of Transport</b>                       |                                     |                         |                                          | <b>1908</b>                     |
| <b>Cost of Production</b>                  |                                                | <b>At Mandi Gate</b>                |                         | (Rs./ acre)                              | <b>80,488</b>                   |
|                                            |                                                | (With Land Rent)                    |                         | (Rs./ 40 Kg)                             | <b>1,210</b>                    |
|                                            |                                                | <b>At Farm Gate</b>                 |                         | (Rs./ acre)                              | <b>78,580</b>                   |
|                                            |                                                | (With Land Rent)                    |                         | (Rs./ 40 Kg)                             | <b>1,182</b>                    |
| <b>Avg. Yield</b>                          |                                                | Last 3 Years                        |                         | (40 kg/acre)                             | <b>66.5</b>                     |
| <b>Gross Revenue</b>                       |                                                | Net Crop Value                      | Mandi Gate              |                                          |                                 |
|                                            |                                                | @ (Rs./40 kg)                       | Farm Gate               | <b>1524</b>                              | <b>101,346</b>                  |
|                                            |                                                | Residual                            |                         | (Rs./acre)                               | <b>3,182</b>                    |
|                                            |                                                | Net Revenue                         | Mandi Gate              | (Rs./acre)                               |                                 |
|                                            |                                                |                                     | Farm Gate               |                                          | <b>104,528</b>                  |
| <b>Profit</b>                              |                                                | <b>At Mandi Gate</b>                |                         | (Rs./acre)                               |                                 |
|                                            |                                                | (With Land Rent)                    |                         | (Rs./40kg)                               |                                 |
|                                            |                                                | <b>At Farm Gate</b>                 |                         | (Rs./acre)                               | <b>25,948</b>                   |
|                                            |                                                | (With Land Rent)                    |                         | (Rs./40kg)                               | <b>390</b>                      |
| <b>Indicative Price (Rs./ 40 Kg) @</b>     |                                                |                                     | <b>25%</b>              |                                          | <b>1,513</b>                    |

Source: Crop Reporting Service, Agriculture Deptt, Punjab