

## Weighted Average Cost of Production, Mash

**Crop Reporting Service, Punjab**

**(Approved) 2020-21**

| No.                                    | Operation Inputs                               | Avg. No. of Operation / Unit (/ Acre) | Percentage of Usage (%) | Avg. Cost per Operation/ Unit (Rs./acre) | Total Weighted Cost (Rs. /acre) | Avg. Cost per Operation/ Unit (Rs./acre) | Total Weighted Cost (Rs. /acre) |
|--|--|---------------------------------------|-------------------------|--|---------------------------------|--|---------------------------------|
| 1                                      | Deep Ploughing                                 | 2                                     | 30%                     | 1204                                     | 722                             | 0  | 0                               |
|  | Ploughing                                      | 2.13                                  | 100%                    | 844                                      | 1798                            | 0  | 0                               |
|  | Planking                                       | 1.83                                  | 100%                    | 392                                      | 717                             | 0  | 0                               |
|  | Leveling                                       |                                       |                         |  | 0                               | 0  | 0                               |
|  | <b>Cost of Land Prep</b>                       |                                       |                         |  | <b>3237</b>                     |  | <b>0</b>                        |
| 2                                      | Seed Quantity (kg)                             | 10                                    | 100%                    | 189                                      | 1890                            | 0  | 0                               |
|  | Seed Drilling                                  |                                       |                         |  | 0                               | 0  | 0                               |
|  | Seed Broadcasting                              | 1                                     | 83%                     | 183                                      | 152                             | 0  | 0                               |
|  | Seed Treatment                                 |                                       |                         |  | 0                               | 0  | 0                               |
|  | Bridging                                       |                                       |                         |  | 0                               | 0  | 0                               |
|  | <b>Cost of Seed &amp; Sowing</b>               |                                       |                         |  | <b>2042</b>                     |  | <b>0</b>                        |
| 3                                      | Water No                                       |                                       |                         |  | 0                               | 0  | 0                               |
|  | Water Labour                                   |                                       |                         |  | 0                               | 0  | 0                               |
|  | Canal Labour                                   |                                       |                         |  | 0                               | 0  | 0                               |
|  | <b>Cost of Water</b>                           |                                       |                         |  | <b>0</b>                        |  | <b>0</b>                        |
| 4                                      | Urea   |                                       |                         |  | 0                               |  | 0                               |
|  | DAP  | 1                                     | 100%                    | 3400                                     | 3400                            |  | 0                               |
|  | Other Fertilizer                               |                                       |                         |  | 0                               |  | 0                               |
|  | Fertilizer Labour                              |                                       |                         |  | 0                               | 0  | 0                               |
|  | Fertilizer Transport                           | 1                                     | 3%                      | 30                                       | 1                               | 0  | 0                               |
|  | <b>Cost of Fertilizer</b>                      |                                       |                         |  | <b>3401</b>                     |  | <b>0</b>                        |
| 5                                      | Dung trolly                                    |                                       |                         |  | 0                               | 0  | 0                               |
|  | Dung Transport                                 |                                       |                         |  | 0                               | 0  | 0                               |
|  | Dung Labour                                    |                                       |                         |  | 0                               | 0  | 0                               |
|  | <b>Cost of Dung</b>                            |                                       |                         |  | <b>0</b>                        |  | <b>0</b>                        |
| 6                                      | Spray Pesticides                               | 1.02                                  | 55%                     | 428                                      | 240                             | 0  | 0                               |
|  | Spray Pest Labour                              | 1                                     | 55%                     | 202                                      | 111                             | 0  | 0                               |
|  | <b>Cost of Pesticides</b>                      |                                       |                         |  | <b>351</b>                      |  | <b>0</b>                        |
| 7                                      | Spray Weedicides                               | 1.02                                  | 53%                     | 632                                      | 342                             | 0  | 0                               |
|  | Spray Weeds Labr                               | 1                                     | 53%                     | 286                                      | 152                             | 0  | 0                               |
|  | Hoing Labour                                   |                                       |                         |  | 0                               |  | 0                               |
|  | <b>Cost of Weedicides</b>                      |                                       |                         |  | <b>493</b>                      |  | <b>0</b>                        |
| 8                                      | Pick / Dig Cost                                |                                       |                         |  | 0                               |  | 0                               |
|  | Cutting Cost                                   | 1                                     | 100%                    | 2044                                     | 2044                            | 0  | 0                               |
|  | Threshing Cost                                 |                                       |                         |  | 0                               | 0  | 0                               |
|  | Machine Harvesting                             |                                       |                         |  | 0                               | 0  | 0                               |
|  | <b>Cost of Harvesting</b>                      |                                       |                         |  | <b>2044</b>                     |  | <b>0</b>                        |
| 9                                      | <b>Full / Half Yearly Land Rent (Rs./acre)</b> |                                       |                         |  | <b>8000</b>                     |  |                                 |
| 10                                     | Admin. Cost                                    | 1                                     | 75%                     | 403                                      | 302                             | 0  | 0                               |
|  | Tunnel Cost                                    |                                       |                         |  | 0                               |  | 0                               |
|  | <b>Cost of Other Exp.</b>                      |                                       |                         |  | <b>302</b>                      |  | <b>0</b>                        |
| 11                                     | Transport Rent                                 | 1                                     | 96%                     | 159                                      | 153                             | 0  | 0                               |
|  | Transport Labour                               | 1                                     | 83%                     | 100                                      | 83                              | 0  | 0                               |
|  | Bar Dana (Bags)                                | 1                                     | 84%                     | 79                                       | 66                              | 0  | 0                               |
|  | <b>Cost of Transport</b>                       |                                       |                         |  | <b>302</b>                      |  | <b>0</b>                        |
| <b>Cost of Production</b>              |  | <b>With Land Rent</b>                 |                         | (/ acre)                                 | <b>19,871</b>                   |  | <b>0</b>                        |
|  |  | <b>(at Farm Gate)</b>                 |                         | (/ 40 Kg)                                | <b>3,974</b>                    |  | <b>#DIV/0!</b>                  |
|  |  | <b>Without Land Rent</b>              |                         | (/ acre)                                 | <b>11,871</b>                   |  | <b>0</b>                        |
|  |  | <b>(at Farm Gate)</b>                 |                         | (/ 40 Kg)                                | <b>2,374</b>                    |  | <b>#DIV/0!</b>                  |
| <b>Avg. Yield</b>                      |  |                                       |                         | (40kg/acre)                              | <b>5.0</b>                      |  |                                 |
| <b>Gross Revenue</b>                   |  | <b>Crop Price (Rs./40 kg)</b>         |                         | <b>4497</b>                              | <b>22,485</b>                   |  | <b>0</b>                        |
|  |  | <b>Residual</b>                       |                         | (Rs./acre)                               | <b>1,148</b>                    |  |                                 |
|  |  | <b>Net Revenue</b>                    |                         | (Rs./acre)                               | <b>23,633</b>                   |  | <b>0</b>                        |
| <b>Profit</b>                          |  | <b>With Land Rent</b>                 |                         | (Rs./acre)                               | <b>3,762</b>                    |  | <b>0</b>                        |
|  |  | <b>(at Farm Gate)</b>                 |                         | (Rs./40kg)                               | <b>752</b>                      |  | <b>#DIV/0!</b>                  |
|  |  | <b>Without Land Rent</b>              |                         | (Rs./acre)                               | <b>11,762</b>                   |  | <b>0</b>                        |
|  |  | <b>(at Farm Gate)</b>                 |                         | (Rs./40kg)                               | <b>2,352</b>                    |  | <b>#DIV/0!</b>                  |
| <b>Indicative Price (Rs./ 40 Kg) @</b> |  |                                       | <b>25%</b>              |  | <b>4,968</b>                    |  | <b>#DIV/0!</b>                  |