

| DAS | Location | Operation1 | Operation2 | Operation3 | Description1 | Description2 | Description3 | Input | Unit | Units/acre |
|-----|----------|-------------------|-----------------------|------------------------|--|------------------------------------|--------------------------------|--|-------------|------------|
| -20 | Field | Field preparation | Irrigation | Flood | | | NEED-BASED | Labor | Man-d | 0.50 |
| -10 | Field | Field preparation | Deep-chiseling | | ONLY for newly acclamed land | EITHER deep-chiseling or ploughing | NEED-BASED | Tractor with chisel | Tractor-op. | 1.00 |
| -10 | Field | Field preparation | Ploughing | | ONLY for newly acclamed land | EITHER deep-chiseling or ploughing | NEED-BASED | Tractor with plough | Tractor-op. | 1.00 |
| -4 | Field | Field preparation | Organic manuring | Manure application | | | ONLY ONCE PER YEAR | Vermicompost | mt | 1.20 |
| -4 | Field | Field preparation | Organic manuring | | Apply evenly to field surface | | ONLY ONCE PER YEAR | Labor | Man-d | 1.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | Rate revised depending on soil-testing results | 18-00-00 N-P-K | | Urea | kg | 40.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | Rate revised depending on soil-testing results | 31-78-00 N-P-K | | DAP | kg | 170.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | Rate revised depending on soil-testing results | 00-00-80 N-P-K | | SOP (potassium sulphate) | kg | 160.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | | | | Zn-Sulphate | kg | 20.00 |
| -4 | Field | Field preparation | Fertilization | | Mix and apply evenly to surface | | | Labor | Man-d | 0.50 |
| -3 | Field | Field preparation | Harrowing | | | | EITHER harrowing or rotovating | Tractor with harrow | Tractor-op. | 1.00 |
| -3 | Field | Field preparation | Rotovating | | | | EITHER harrowing or rotovating | Tractor with rotovator | Tractor-op. | 1.00 |
| -3 | Field | Field preparation | Planking | | | | | Tractor with planker | Tractor-op. | 1.00 |
| -3 | Field | Bed preparation | Bed making | 60-cm ridges | | | | Tractor with potato-ridger | Tractor-op. | 1.00 |
| -3 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| -1 | Field | Sowing | Seed treatment | | | | | Seed | kg | 6.00 |
| -1 | Field | Sowing | Seed treatment | Soaking with fungicide | Soak for 12 h overnight | 7 g/kg seed | against Downy mildew | Apron (Metalaxyl 35% WS) | g | 50.00 |
| -1 | Field | Sowing | Seed treatment | | | 10 l/kg seed | | Water | ltr | 60.00 |
| -1 | Field | Sowing | Seed treatment | | | | | Labor | Man-d | 0.50 |
| 0 | Field | Sowing | | | | | | Seed | kg | 12.00 |
| 0 | Field | Sowing | 60-cm ridge | | 30-cm interplant distance | 22,500 plants/A | | Corn sowing machine | Tractor-op. | 1.00 |
| 1 | Field | Cultivation | Herbicide application | | Concentration: 0.50% | | | Stomp (Pendimethalin) | ltr | 1.00 |
| 1 | Field | Cultivation | Herbicide application | | | | | Water | ltr | 200.00 |
| 1 | Field | Cultivation | Herbicide application | | move backwards while spraying! | | | Labor | Man-d | 0.50 |
| 7 | Field | Cultivation | Plant protection | Fungicide | Concentration: 0.20% | after germination | | Abic M-45 (Mancozeb) | kg | 0.40 |
| 7 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.20% | after germination, for cutworm | | Polytrin C-44 (Profenophos & Cypermethrin) | ltr | 0.30 |
| 7 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 7 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 7 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 14 | Field | Cultivation | Plant protection | Fungicide | Concentration: 0.20% | | NEED-BASED | Abic M-45 (Mancozeb) | kg | 0.40 |
| 14 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.20% | | NEED-BASED | Polytrin C-44 (Profenophos & Cypermethrin) | ltr | 0.30 |
| 14 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 14 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 14 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 21 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 28 | Field | Cultivation | Weeding | | | | | Labor | Man-d | 10.00 |
| 28 | Field | Cultivation | Fertilization | Side dressing | 92-00-00 N-P-K | | | Urea | kg | 200.00 |
| 28 | Field | Cultivation | Fertilization | | | | | Labor | Man-d | 1.50 |
| 28 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 28 | Field | Cultivation | Plant protection | Fungicide | Concentration: 0.20% | | NEED-BASED | Abic M-45 (Mancozeb) | kg | 0.40 |
| 28 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.20% | | NEED-BASED | Polytrin C-44 (Profenophos & Cypermethrin) | ltr | 0.30 |
| 28 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 28 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 35 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 42 | Field | Cultivation | Plant protection | Fungicide | Concentration: 0.20% | | NEED-BASED | Abic M-45 (Mancozeb) | kg | 0.40 |
| 42 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.20% | | NEED-BASED | Polytrin C-44 (Profenophos & Cypermethrin) | ltr | 0.30 |
| 42 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 42 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 42 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 49 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 56 | Field | Cultivation | Fertilization | Side dressing | 92-00-00 N-P-K | | | Urea | kg | 200.00 |
| 56 | Field | Cultivation | Fertilization | | | | | Labor | Man-d | 1.50 |
| 56 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 56 | Field | Cultivation | Weeding | | | | NEED-BASED | Labor | Man-d | 10.00 |
| 56 | Field | Cultivation | Plant protection | Fungicide | Concentration: 0.20% | | NEED-BASED | Abic M-45 (Mancozeb) | kg | 0.40 |
| 56 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.20% | | NEED-BASED | Polytrin C-44 (Profenophos & Cypermethrin) | ltr | 0.30 |
| 56 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 56 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 63 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 70 | Field | Harvest | | | | | | Labor | Man-d | 5.00 |
| 70 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.40% | | | Neemazal 0.5% EC (Azadirachtin) | ltr | 0.80 |
| 70 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 70 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 70 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 77 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 80 | Field | Harvest | | | | | | Labor | Man-d | 5.00 |
| 80 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.40% | | | Neemazal 0.5% EC (Azadirachtin) | ltr | 0.80 |
| 80 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |

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|----|-------|-------------|------------------|--------|--|--|--|-------|-------|------|
| 80 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 84 | Field | Cultivation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| 90 | Field | Harvest | | | | | | Labor | Man-d | 5.00 |
| 91 | Field | Harvest | Residue removal | | | | | Labor | Man-d | 4.00 |