

| DAS | Location | Operation1 | Operation2 | Operation3 | Description1 | Description2 | Description3 | Input | Unit | Units/acre |
|-----|----------|-------------------|-----------------------|---------------------------------------|---------------------------------|-------------------|--------------------|-----------------------------------|-------------|------------|
| -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 | 12-00-00 N-P-K | | | Urea | kg | 25.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | 00-12-00 N-P-K | | | Single-Superphosphate | kg | 65.00 |
| -4 | Field | Field preparation | Fertilization | Basal fertilizer | 00-00-15 N-P-K | | | MOP | kg | 25.00 |
| -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 | | | | | Tractor with harrow | Tractor-op. | 1.00 |
| -3 | Field | Field preparation | Planking | | | | | Tractor with planker | Tractor-op. | 1.00 |
| -3 | Field | Bed preparation | Bed making | 90-cm bed & 45-cm furrow | | | | Tractor with bedmaker | Tractor-op. | 1.00 |
| -3 | Field | Bed preparation | Irrigation | Furrow | | | | Labor | Man-d | 0.50 |
| -1 | Field | Sowing | | | | | | Seed | kg | 2.50 |
| -1 | Field | Sowing | Seed treatment | Soaking with fungicide | Soak for 12 h overnight | 5g/kg seed | | Bavistin (Carbendazim) | g | 12.50 |
| -1 | Field | Sowing | Seed treatment | | | 10 l/kg seed | | Water | ltr | 25.00 |
| 0 | Field | Sowing | 90-cm bed | 2 rows/bed; 30-cm interplant distance | 20,000 plants/A | | | Labor | Man-d | 3.00 |
| 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 | Irrigation | | | | | Labor | Man-d | 0.50 |
| 7 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | after germination | | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 7 | Field | Cultivation | Plant protection | | | after germination | | Water | ltr | 200.00 |
| 7 | Field | Cultivation | Plant protection | | | after germination | | Labor | Man-d | 0.50 |
| 14 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 14 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 14 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 14 | Field | Cultivation | Fertilization | Foliar application | Concentration: 0.10% | | | Fertilon-Combi-2 | kg | 0.20 |
| 14 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 14 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 21 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 21 | Field | Cultivation | Fertilization | Side dressing | 12-00-00 N-P-K | | | Urea | kg | 25.00 |
| 21 | Field | Cultivation | Fertilization | Side dressing | 00-12-00 N-P-K | | | Single-Superphosphate | kg | 65.00 |
| 21 | Field | Cultivation | Fertilization | Side dressing | 00-00-15 N-P-K | | | MOP | kg | 25.00 |
| 21 | Field | Cultivation | Fertilization | | | | | Labor | Man-d | 1.50 |
| 21 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 21 | Field | Cultivation | Plant protection | | | | NEED-BASED | Water | ltr | 200.00 |
| 21 | Field | Cultivation | Plant protection | | | | NEED-BASED | Labor | Man-d | 0.50 |
| 28 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 28 | Field | Cultivation | Weeding | | | | NEED-BASED | Labor | Man-d | 10.00 |
| 28 | Field | Cultivation | Fertilization | Side dressing | 12-00-00 N-P-K | | | Urea | kg | 25.00 |
| 28 | Field | Cultivation | Fertilization | Side dressing | 00-12-00 N-P-K | | | Single-Superphosphate | kg | 65.00 |
| 28 | Field | Cultivation | Fertilization | Side dressing | 00-00-15 N-P-K | | | MOP | kg | 25.00 |
| 28 | Field | Cultivation | Fertilization | | | | | Labor | Man-d | 1.50 |
| 28 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 28 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 28 | Field | Cultivation | Fertilization | Foliar application | Concentration: 0.10% | | | Fertilon-Combi-2 | kg | 0.20 |
| 28 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 28 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 36 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 36 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 36 | Field | Cultivation | Plant protection | | | | NEED-BASED | Water | ltr | 200.00 |
| 36 | Field | Cultivation | Plant protection | | | | NEED-BASED | Labor | Man-d | 0.50 |
| 42 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 42 | Field | Cultivation | Weeding | | | | NEED-BASED | Labor | Man-d | 10.00 |
| 42 | Field | Cultivation | Fertilization | Side dressing | 12-00-00 N-P-K | | | Urea | kg | 25.00 |
| 42 | Field | Cultivation | Fertilization | Side dressing | 00-12-00 N-P-K | | | Single-Superphosphate | kg | 65.00 |
| 42 | Field | Cultivation | Fertilization | Side dressing | 00-00-15 N-P-K | | | MOP | kg | 25.00 |
| 42 | Field | Cultivation | Fertilization | | | | | Labor | Man-d | 1.50 |
| 42 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 42 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 42 | Field | Cultivation | Fertilization | Foliar application | Concentration: 0.10% | | | Fertilon-Combi-2 | kg | 0.20 |
| 42 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 42 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 48 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 48 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 48 | Field | Cultivation | Plant protection | | | | NEED-BASED | Water | ltr | 200.00 |
| 48 | Field | Cultivation | Plant protection | | | | NEED-BASED | Labor | Man-d | 0.50 |

| DAS | Location | Operation1 | Operation2 | Operation3 | Description1 | Description2 | Description3 | Input | Unit | Units/acre |
|-----|----------|-------------|------------------|--------------------|----------------------|-----------------|--------------|-----------------------------------|-------|------------|
| 56 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 56 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 56 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 56 | Field | Cultivation | Fertilization | Foliar application | Concentration: 0.10% | | | Fetrilon-Combi-2 | kg | 0.20 |
| 56 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 56 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 63 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 63 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 63 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 63 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 63 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 64 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 65 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 66 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 67 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 68 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 69 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 70 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 70 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 70 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 70 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 70 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 70 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 71 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 72 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 73 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 74 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 75 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 76 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 77 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 77 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 77 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | | | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 77 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 77 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 78 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 79 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 80 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 81 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 82 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 83 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 84 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 84 | Field | Cultivation | Irrigation | | | | | Labor | Man-d | 0.50 |
| 84 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.10% | against budworm | NEED-BASED | Karate (Lambda Cyhalothrin 5% EC) | ltr | 0.20 |
| 84 | Field | Cultivation | Plant protection | Insecticide | Concentration: 0.01% | against jassids | NEED-BASED | Vertimec 1.9% EC (Abamectin) | ltr | 0.02 |
| 84 | Field | Cultivation | Plant protection | | | | | Water | ltr | 200.00 |
| 84 | Field | Cultivation | Plant protection | | | | | Labor | Man-d | 0.50 |
| 85 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 86 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 87 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 88 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 89 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 90 | Field | Harvest | | | pod size 8-13 cm | | NEED-BASED | Labor | Man-d | 10.00 |
| 91 | Field | Harvest | Residue removal | | | | | Labor | Man-d | 4.00 |