

DAT	Location	Operation1	Operation2	Operation3	Description1	Description2	Description3	Input	Unit	Units/acre
-30	Nursery	Sowing	Multiplate-sowing		Cocopeat	3 of 5 parts		Substrate	kg	200.00
-30	Nursery	Sowing	Multiplate-sowing		Vermiculite	2 of 5 parts		Substrate	kg	200.00
-30	Nursery	Sowing	Multiplate-sowing		98-cavity 3.8-cm plug (26x53 cm)			Multiplate	#	370.00
-30	Nursery	Sowing	Multiplate-sowing		Mix substrate and fill multiplates			Labor	Man-d	1.00
-30	Nursery	Sowing	Multiplate-sowing					Seed	kg	0.50
-30	Nursery	Sowing	Multiplate-sowing					Labor	Man-d	2.00
-30-0	Nursery	Fertigation	DAILY for 30 days		Concentration: 0.07%	Dissolve 70g in 100l water	TOTAL REQUIREMENT	06-12-36 Haileaf Foliar	kg	3.00
-30-0	Nursery	Fertigation	DAILY for 30 days		Concentration: 0.07%	Dissolve 70g in 100l water	TOTAL REQUIREMENT	Calcium nitrate	kg	3.00
-30-0	Nursery	Fertigation	DAILY for 30 days			100 l	TOTAL REQUIREMENT	Water	ltr	3000.00
-30-0	Nursery	Fertigation	DAILY for 30 days				TOTAL REQUIREMENT	Labor	Man-d	15.00
-23	Nursery	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days	after germination		Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
-23	Nursery	Cultivation	Plant protection			after germination		Water	ltr	200.00
-23	Nursery	Cultivation	Plant protection			after germination		Labor	Man-d	0.50
-17	Nursery	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 (Mancozeb)	kg	0.40
-17	Nursery	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
-17	Nursery	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
-17	Nursery	Cultivation	Plant protection				NEED-BASED	Labor	Man-d	0.50
-10	Nursery	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
-10	Nursery	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
-10	Nursery	Cultivation	Plant protection				NEED-BASED	Labor	Man-d	0.50
-3	Nursery	Cultivation	Fertilization	Foliar application	Concentration: 0.10%			Fetrilon-Combi-2	kg	0.20
-3	Nursery	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 (Mancozeb)	kg	0.40
-3	Nursery	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
-3	Nursery	Cultivation	Plant protection					Water	ltr	200.00
-3	Nursery	Cultivation	Plant protection					Labor	Man-d	0.50
-10	Field	Field preparation	Irrigation	Flood			NEED-BASED	Labor	Man-d	1.00
-4	Field	Field preparation	Organic manuring					Vermicompost	mt	1.20
-4	Field	Field preparation	Organic manuring					Labor	Man-d	1.00
-4	Field	Field preparation	Ploughing					Tractor with plough	Tractor-op.	2.00
-4	Field	Field preparation	Fertilization	Basal fertilizer	09-00-00 N-P-K			Calcium-Nitrate (CaNO3)	kg	60.00
-4	Field	Field preparation	Fertilization	Basal fertilizer	00-80-00 N-P-K			Single-Superphosphate	kg	440.00
-4	Field	Field preparation	Fertilization	Basal fertilizer	00-00-40 N-P-K			SOP (potassium sulphate)	kg	80.00
-4	Field	Field preparation	Fertilization	Basal fertilizer				Zn-Sulphate	kg	20.00
-4	Field	Field preparation	Fertilization					Labor	Man-d	2.00
-4	Field	Field preparation	Rotovating					Tractor with rotovator	Tractor-op.	1.00
-4	Field	Bed preparation	Bed making	45-cm bed & 45-cm furrow				Tractor with bedmaker (+planker)	Tractor-op.	1.00
-4	Field	Bed preparation	Bed making					Labor	Man-d	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					Labor	Man-d	0.50
0	Field	Transplanting	45-cm bed	2 rows/bed	7.5 cm from edge, 30-cm interrow & interplant distance	30,000 plants/A	2-3 true leaves	Labor	Man-d	4.00
0	Field	Cultivation	Irrigation	Furrow				Labor	Man-d	1.00
7	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
7	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	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
10	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
14	Field	Cultivation	Fertilization	Foliar application	Concentration: 0.10%			Fetrilon-Combi-2	kg	0.20
14	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
14	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		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
20	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
30	Field	Cultivation	Fertilization	Foliar application	Concentration: 0.10%			Fetrilon-Combi-2	kg	0.20
30	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
30	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
30	Field	Cultivation	Plant protection					Water	ltr	200.00
30	Field	Cultivation	Plant protection					Labor	Man-d	0.50
30	Field	Cultivation	Fertilization	Side dressing	20-00-00 N-P-K			Calcium-Nitrate (CaNO3)	kg	130.00
30	Field	Cultivation	Fertilization	Side dressing	00-00-20 N-P-K			SOP (potassium sulphate)	kg	40.00
30	Field	Cultivation	Fertilization					Labor	Man-d	1.00
30	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
37	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
37	Field	Cultivation	Weeding				NEED-BASED	Labor	Man-d	10.00
45	Field	Cultivation	Fertilization	Foliar application	Concentration: 0.10%			Fetrilon-Combi-2	kg	0.20
45	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
45	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
45	Field	Cultivation	Plant protection					Water	ltr	200.00
45	Field	Cultivation	Plant protection					Labor	Man-d	0.50
45	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
53	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
60	Field	Cultivation	Fertilization	Foliar application	Concentration: 0.10%			Fetrilon-Combi-2	kg	0.20
60	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40

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60	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.15%, H.I.: 14 days		NEED-BASED	Polytrin C-44 (Profenophos & Cypermethrin)	ltr	0.30
60	Field	Cultivation	Plant protection					Water	ltr	200.00
60	Field	Cultivation	Plant protection					Labor	Man-d	0.50
60	Field	Cultivation	Fertilization	Side dressing	20-00-00 N-P-K			Calcium-Nitrate (CaNO3)	kg	130.00
60	Field	Cultivation	Fertilization	Side dressing	00-00-20 N-P-K			SOP (potassium sulphate)	kg	40.00
60	Field	Cultivation	Fertilization					Labor	Man-d	1.00
60	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
67	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
75	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
75	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.40%, H.I.: 0 days		NEED-BASED	Neemazal 0.5% EC (Azadirachtin)	ltr	0.80
75	Field	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
75	Field	Cultivation	Plant protection				NEED-BASED	Labor	Man-d	0.50
75	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
80	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
80	Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
85	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
90	Field	Harvest					NEED-BASED	Labor	Man-d	5.00