

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	Rate revised depending on soil-testing results	00-40-00 N-P-K		Single-Superphosphate	kg	210.00
-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	Cultivation	Irrigation	Furrow				Labor	Man-d	0.50
-1	Field	Sowing	Seed treatment					Seed	kg	12.00
-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	84.00
-1	Field	Sowing	Seed treatment			10 l/kg seed		Water	ltr	120.00
-1	Field	Sowing	Seed treatment					Labor	Man-d	0.50
-1-60	Field	Drip irrigation			DAILY RATE: see attached			Water	m3	1200.00
-1-60	Field	Drip irrigation			DAILY REQUIREMENT: 0.25 Man-day			Labor	Man-d	15.00
0	Field	Sowing	2 rows, 12 cm from drip lateral	10-cm interplant distance	60,000 plants/A	2-5-cm deep		Labor	Man-d	4.00
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
7	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.20%	after germination, for cutworm	PREVENTIVE	Basathrin (Cypermethrin 25% EC)	ltr	0.40
7	Field	Cultivation	Plant protection				PREVENTIVE	Water	ltr	200.00
7	Field	Cultivation	Plant protection				PREVENTIVE	Labor	Man-d	0.50
7-60	Field	Fertigation	Nutrient stock solution		DAILY RATE: 3692 g	TOTAL: 90-00-00 N-P-K		Urea	kg	200.00
7-60	Field	Fertigation	Nutrient stock solution		DAILY RATE: 1415 g	TOTAL: 00-00-45 N-P-K		MOP	kg	50.00
7-60	Field	Fertigation	Nutrient stock solution		DAILY RATE: 10 g			Fertilon-Combi-2	kg	0.53
7-60	Field	Fertigation	Nutrient stock solution		DAILY VOLUME: 100 ltr, injection rate: 100 ltr/hr			Water	ltr	5300.00
7-60	Field	Fertigation	Nutrient stock solution		DAILY REQUIREMENT: 0-0.25 Man-day			Labor	Man-d	4.00
25	Field	Cultivation	Weeding					Labor	Man-d	10.00
25	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.40%			Neemazal 0.5% EC (Azadirachtin)	ltr	0.80
25	Field	Cultivation	Plant protection					Water	ltr	200.00
25	Field	Cultivation	Plant protection					Labor	Man-d	0.50
35	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.40%			Neemazal 0.5% EC (Azadirachtin)	ltr	0.80
35	Field	Cultivation	Plant protection					Water	ltr	200.00
35	Field	Cultivation	Plant protection					Labor	Man-d	0.50
45	Field	Cultivation	Weeding				NEED-BASED	Labor	Man-d	10.00
45	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.40%			Neemazal 0.5% EC (Azadirachtin)	ltr	0.80
45	Field	Cultivation	Plant protection					Water	ltr	200.00
45	Field	Cultivation	Plant protection					Labor	Man-d	0.50
50	Field	Cultivation	Detasselling		when tassels emerge	NOT required for Syngenta "SG 18"		Labor	Man-d	3.00
55	Field	Cultivation	Plant protection	Insecticide	Concentration: 0.40%			Neemazal 0.5% EC (Azadirachtin)	ltr	0.80
55	Field	Cultivation	Plant protection					Water	ltr	200.00
55	Field	Cultivation	Plant protection					Labor	Man-d	0.50
65	Field	Harvest						Labor	Man-d	5.00
66	Field	Harvest						Labor	Man-d	5.00
67	Field	Harvest						Labor	Man-d	5.00
68	Field	Harvest						Labor	Man-d	5.00
69	Field	Harvest						Labor	Man-d	5.00
70	Field	Harvest						Labor	Man-d	5.00
71	Field	Harvest						Labor	Man-d	5.00
72	Field	Harvest						Labor	Man-d	5.00
73	Field	Harvest						Labor	Man-d	5.00
74	Field	Harvest						Labor	Man-d	5.00
75	Field	Harvest						Labor	Man-d	5.00
76	Field	Harvest						Labor	Man-d	5.00
77	Field	Harvest						Labor	Man-d	5.00
78	Field	Harvest						Labor	Man-d	5.00
79	Field	Harvest						Labor	Man-d	5.00
80	Field	Harvest						Labor	Man-d	5.00
80	Field	Harvest	Residue removal					Labor	Man-d	4.00