DAS Location	Operation1	Operation2	Operation3	Description1	Description2	Description3	Input	Unit	Units/acre
-4 Field	Field preparation	Organic manuring	Manure application		2000.191.01.2	ONLY ONCE PER YEAR	Vermicompost	mt	1.20
-4 Field	Field preparation	Organic manuring				ONLY ONCE PER YEAR	Labor	Man-d	1.00
-4 Field	Field preparation	Ploughing					Tractor with plough	Tractor-op.	2.00
-4 Field	Field preparation	Fertilization	Basal fertilizer	00-80-00 N-P-K			Single-Superphosphate	kg	450.00
-4 Field	Field preparation	Fertilization	Basal fertilizer	00-00-20 N-P-K			SOP (K2SO4)	kg	40.00
-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	45-cm bed & 45-cm furrow				Labor	Man-d	1.00
-4 Field	Cultivation	Irrigation	Furrow				Labor	Man-d	1.00
0 Field	Sowing						Seed	kg	15.00
0 Field	Sowing		2 rows/bed	30-cm interrow, 10-cm interplant distance	90,000 plants/A		Labor	Man-d	8.00
0 Field 0 Field	Cultivation	Herbicide application Herbicide application		Concentration: 0.50%	within 24 h of sowing		Stomp 30% EC (Pendimethalin)	ltr ltr	1.00 200.00
0 Field	Cultivation Cultivation	Herbicide application					Water Labor	Man-d	0.50
7 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02%, H.I.: 14 days	against cutworm; after germination	PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.08
7 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02 /6, 11.1 14 days	against cutworm, after germination	PREVENTIVE	Water	ltr	200.00
7 Field	Cultivation	Plant protection			spray after sunrise	PREVENTIVE	Labor	Man-d	0.50
	Cultivation		Furrow		Spray arter surmise	NEED-BASED	Labor	Man-d	1.00
14 Field	Cultivation	Plant protection		Concentration: 0.20%, H.I.: 14 days	1	NEED-BASED	Abic M-45 75% EC (Mancozeb)		0.40
14 Field	Cultivation	Plant protection	Fungicide Insecticide	Concentration: 0.20%, H.I.: 14 days Concentration: 0.02%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg kg	0.40
14 Field	Cultivation	Plant protection	IIISCOLOIGE	Concentration. U.UZ /0, Th.i 14 days		NEED-BASED	Water	ltr	200.00
14 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
21 Field	Cultivation	Fertilization	Side dressing	12-00-00 N-P-K	1-1 -7		Calcium-Nitrate (CaNO3)	kg	75.00
21 Field	Cultivation	Fertilization	Side dressing	00-00-20 N-P-K			SOP (K2SO4)	kg	40.00
21 Field	Cultivation	Fertilization					Labor	Man-d	1.00
21 Field	Cultivation	Irrigation	Furrow			NEED-BASED	Labor	Man-d	1.00
21 Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 14 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
21 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.08
21 Field	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
21 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
28 Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 14 days		NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
28 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.08
28 Field	Cultivation	Fertilization	Foliar application	Concentration: 0.15%			Fetrilon-Combi-2	kg	0.30
28 Field	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
28 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
35 Field	Cultivation	Weeding				NEED-BASED	Labor	Man-d	10.00
35 Field	Cultivation	Fertilization	Side dressing	12-00-00 N-P-K			Calcium-Nitrate (CaNO3)	kg	75.00
35 Field	Cultivation	Fertilization	Side dressing	00-00-20 N-P-K			SOP (K2SO4)	kg	40.00
35 Field	Cultivation	Fertilization	-			NEED DAOED	Labor	Man-d	1.00
35 Field	Cultivation Cultivation	Irrigation	Furrow	Otti 0 000/ 111 - 44 d		NEED-BASED NEED-BASED	Labor Abic M-45 75% EC (Mancozeb)	Man-d	1.00 0.40
35 Field 35 Field	Cultivation	Plant protection Plant protection	Fungicide Insecticide	Concentration: 0.20%, H.I.: 14 days Concentration: 0.02%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.40
35 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02%, H.I 14 days		NEED-BASED	Water	kg Itr	200.00
35 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
42 Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 14 days	opray rate anomicon	NEED-BASED	Abic M-45 75% EC (Mancozeb)	kg	0.40
42 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.20%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.40
42 Field	Cultivation	Plant protection	modeliolog	Consonitation 0.0276, This TT days		NEED-BASED	Water	ltr	200.00
42 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
48 Field	Cultivation	Fertilization	Side dressing	12-00-00 N-P-K			Calcium-Nitrate (CaNO3)	kg	75.00
48 Field	Cultivation	Fertilization	Side dressing	00-00-20 N-P-K			SOP (K2SO4)	kg	40.00
48 Field	Cultivation	Fertilization	_				Labor	Man-d	1.00
48 Field	Cultivation	Plant protection	Fungicide	Concentration: 0.30%, H.I.: 1 day		NEED-BASED	Thiovit 80% WP (Sulphur)	kg	0.60
48 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.02%, H.I.: 14 days		PREVENTIVE	Actara 25% WG (Thiamethoxam)	kg	0.08
48 Field	Cultivation	Fertilization	Foliar application	Concentration: 0.15%			Fetrilon-Combi-2	kg	0.30
48 Field	Cultivation	Plant protection			1.0	NEED-BASED	Water	ltr	200.00
48 Field	Cultivation	Plant protection	F		spray late afternoon	NEED-BASED	Labor	Man-d	0.50
48 Field	Cultivation	Irrigation	Furrow	10	1.5.10	NEED-BASED	Labor	Man-d	1.00
55 Field	Cultivation	Plant protection	Fungicide	Concentration: 0.20%, H.I.: 7 days	at first flowering	PREVENTIVE	Rovral 50% WP (Iprodione)	kg	0.40
55 Field 55 Field	Cultivation	Plant protection	Insecticide	Concentration: 0.20%, H.I.: 3 days	at first flowering	NEED-BASED PREVENTIVE	Basathrin 25% EC (Cypermethrin)	ltr	0.40 200.00
55 Field	Cultivation Cultivation	Plant protection Plant protection			at first flowering at first flowering	PREVENTIVE	Water Labor	ltr Man-d	0.50
		i iaiti protection		1	at its tiowething				
62 Field 62 Field	Harvest	Plant protection	Fungicido	Concentration: 0.30%, H.I.: 1 day		NEED-BASED NEED-BASED	Labor Thiovit 80% WP (Sulphur)	Man-d	5.00 0.60
62 Field	Cultivation Cultivation	Fertilization	Fungicide Foliar application	Concentration: 0.30%, H.I.: 1 day		INCED-BASED	Fetrilon-Combi-2	kg kg	0.60
62 Field	Cultivation	Plant protection	і онаг арріканоП	Concentiation. U. 10 /0		NEED-BASED	Water	kg ltr	200.00
62 Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
02 . IOIU		Irrigation	Furrow	1		NEED-BASED	Labor	Man-d	1.00
62 Field	Cultivation								
62 Field 64 Field	Cultivation Harvest	ingation	Tunow				Labor		5 00
62 Field 64 Field 66 Field	Harvest Harvest	Imgaton	Tunow			NEED-BASED NEED-BASED	Labor Labor	Man-d Man-d	5.00 5.00

DAS	Location	Operation1	Operation2	Operation3	Description1	Description2	Description3	Input	Unit	Units/acre
70	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
70	Field	Cultivation	Plant protection	Fungicide	Concentration: 0.30%, H.I.: 1 day		NEED-BASED	Thiovit 80% WP (Sulphur)	kg	0.60
70	Field	Cultivation	Plant protection				NEED-BASED	Water	ltr	200.00
70	Field	Cultivation	Plant protection			spray late afternoon	NEED-BASED	Labor	Man-d	0.50
72	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
74	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
76	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
78	Field	Harvest					NEED-BASED	Labor	Man-d	5.00
80	Field	Harvest					NEED-BASED	Labor	Man-d	5.00