

**COST OF PRODUCTION OF SUGARCANE CROP UNDER IRRIGATED CONDITIONS
IN THE PUNJAB FOR THE YEAR 2011-12.**

(Approved)

S.NO	Operations / Inputs	Average no. of oprs/units/acre	2010-11		Average no. of oprs/units/acre	2011-12	
			cost /unit Rs	cost /acre Rs		cost /unit Rs	cost /acre Rs
1.	PREPARATORY TILLAGE						
	1.1 Deep Ploughing	1.00	978.00	978.00	1.00	1100.00	1100.00
	1.2 Ploughing (Cultivator)	4.00	436.00	1744.00	4.00	515.00	2060.00
	1.3 Levelling	1.00	488.00	488.00	1.00	550.00	550.00
	Sub Total			3210.00			3710.00
2.	SEED BED PREPARATION						
	2.1 Ploughing (Cultivator)	2.00	436.00	872.00	2.00	500.00	1000.00
	2.2 Planking	2.00	218.00	436.00	2.00	270.00	540.00
	Sub Total			1308.00			1540.00
3.	SEED AND SOWING OPERATIONS						
	3.1 Seed (Kgs) 60 % of 3200 Kgs	1920	3.00	5760.00	1920	3.75	7200.00
	3.2 Sowing of Setts (M. days)	8.00	240.00	1920.00	8.00	275.00	2200.00
	3.3 Ridging	1.00	436.00	436.00	1.00	515.00	515.00
	3.4 Bund Making	0.50	240.00	120.00	0.50	275.00	137.50
	Sub Total			8236.00			10052.50
4.	INTERCULTURE /HOEING						
	4.1 One Application of Herbicides with Tractor (Acre)	1.00	1120.00	1120.00	1.00	1225.00	1225.00
	4.2 One Interculture and earthing up	1.00	575.00	575.00	1.00	600.00	600.00
	Sub Total			1695.00			1825.00
5.	IRRIGATION						
	5.1 Cleaning of water courses (M. days)	2.00	240.00	480.00	2.00	275.00	550.00
	5.2 Labour Charges (canal Irrigation) (M. days)	3.50	240.00	840.00	3.50	275.00	962.50
	5.3 Water Charges (Canal Water)			135.00			135.00
	5.4 Additional Irrigation Charges	5.00	650.00	3250.00	5.00	700.00	3500.00
	5.5 Labour Charges(additional irrigation) (M. days)	1.00	240.00	240.00	1.00	275.00	275.00
	Sub Total			4945.00			5422.50
6.	FERTILIZER (Bag)						
	6.1 Urea	2.00	770.00	1540.00	2.00	1040.00	2080.00
	6.2 DAP	1.50	2300.00	3450.00	1.50	3145.00	4717.50
	6.3 Potash	0.50	2300.00	1150.00	0.50	2595.00	1297.50
	6.4 Transportation	4.00	15.00	60.00	4.00	16.00	64.00
	6.5 Fertilizer Application (M. days)	0.50	240.00	120.00	0.50	275.00	137.50
	6.6 F.Y.M (Trolly)	1.00	700.00	700.00	1.00	800.00	800.00
	6.7 Transportation & Spreading (F.Y.M)			350.00			350.00
	Sub Total			7370.00			9446.50
7.	PLANT PROTECTION						
	7.1 One Treatment (Granules + Labour)			1050.00			1050.00
	G.Total (Item 1 - 7)			27814.00			33046.50
8.	MARKUP ON INVESTMENT @ 9% FOR 12 MONTHS ON ITEMS (1-7) EXCLUDING WATER RATES (5.3)	27679.00		2491.11	32911.50		2962.04
9.	HARVESTING / STRIPPING & LOADING						
	9.1 Harvesting Of Tops (40 Kg Md)	6.50	550.00	3575.00	7.50	553.00	4147.50
	9.2 Loading of 22,120 Kgs	1.25	550.00	687.50	1.50	553.00	829.50
	Sub Total			4262.50			4977.00
10.	LAND RENT FOR 12 MONTHS	1.00	12000.00	12000.00	1.00	15000.00	15000.00
11.	AGRICULTURAL INCOME TAX			97.04			97.04
12.	MANAGEMENT CHARGES FOR 12 MONTHS OF A MANAGER @Rs 10000 PM FOR 100 ACRES	1.00	1080.00	1080.00	1.00	1200.00	1200.00
13.	GROSS COST (Item 1 to 12) INCLUDING LAND RENT			47744.65			57282.58
14.	YIELD PER ACRE (kgs)			22000.00			22120.00
15.	COST PER 40 kGs AT FARM LEVEL			86.81			103.59
16.	MARKETING EXPENSES:(Tansport + Cess Fund)			9.00			9.00
17.	COST PER 40 KGs AT MILL GATE.			95.81			112.59
18.	INVESTMENT INCENTIVE @ 25 %			23.95			28.15
19.	SUPPORT PRICE RECOMMENDED			119.76			140.74

**COST OF PRODUCTION OF SUGARCANE CROP UNDER IRRIGATED CONDITIONS
IN THE PUNJAB FOR THE YEAR 2012-13.**

(Approved)

S.NO	Operations / Inputs	Average no. of oprs/units/acre	2011-12		Average no. of oprs/units/acre	2012-13	
			cost /unit Rs	cost /acre Rs		cost /unit Rs	cost /acre Rs
1.	PREPARATORY TILLAGE						
	1.1 Deep Ploughing	1.00	1100.00	1100.00	1.00	1383.00	1383.00
	1.2 Ploughing (Cultivator)	4.00	515.00	2060.00	4.00	648.00	2592.00
	1.3 Levelling	1.00	550.00	550.00	1.00	692.00	692.00
	Sub Total			3710.00			4667.00
2.	SEED BED PREPARATION						
	2.1 Ploughing (Cultivator)	2.00	500.00	1000.00	2.00	648.00	1296.00
	2.2 Planking	2.00	270.00	540.00	2.00	340.00	680.00
	Sub Total			1540.00			1976.00
3.	SEED AND SOWING OPERATIONS						
	3.1 Seed (Kgs) 60 % of 3200 Kgs	1920	3.75	7200.00	1920	4.60	8832.00
	3.2 Sowing of Setts (M. days)	8.00	275.00	2200.00	8.00	300.00	2400.00
	3.3 Ridging	1.00	515.00	515.00	1.00	648.00	648.00
	3.4 Bund Making	0.50	275.00	137.50	0.50	300.00	150.00
	Sub Total			10052.50			12030.00
4.	INTERCULTURE /HOEING						
	4.1 One Application of Herbicides with Tractor (Acre)	1.00	1225.00	1225.00	1.00	1372.00	1372.00
	4.2 One Interculture and earthing up	1.00	600.00	600.00	1.00	700.00	700.00
	Sub Total			1825.00			2072.00
5.	IRRIGATION						
	5.1 Cleaning of water courses (M. days)	2.00	275.00	550.00	2.00	300.00	600.00
	5.2 Labour Charges (canal Irrigation) (M. days)	3.50	275.00	962.50	3.50	300.00	1050.00
	5.3 Water Charges (Canal Water)			135.00			135.00
	5.4 Additional Irrigation Charges	5.00	700.00	3500.00	5.00	850.00	4250.00
	5.5 Labour Charges(additional irrigation) (M. days)	1.00	275.00	275.00	1.00	300.00	300.00
	Sub Total			5422.50			6335.00
6.	FERTILIZER (Bag)						
	6.1 Urea	2.00	1040.00	2080.00	2.00	1650.00	3300.00
	6.2 DAP	1.50	3145.00	4717.50	1.50	4150.00	6225.00
	6.3 Potash	0.50	2595.00	1297.50	0.50	3600.00	1800.00
	6.4 Transportation	4.00	16.00	64.00	4.00	20.00	80.00
	6.5 Fertilizer Application (M. days)	0.50	275.00	137.50	0.50	300.00	150.00
	6.6 F.Y.M (Trolley)	1.00	800.00	800.00	1.00	900.00	900.00
	6.7 Transportation & Spreading (F.Y.M)			350.00			450.00
	Sub Total			9446.50			12905.00
7.	PLANT PROTECTION						
	7.1 One Treatment (Granules + Labour)			1050.00			1200.00
	G.Total (Item 1 - 7)			33046.50			41185.00
8.	MARKUP ON INVESTMENT @ 9% FOR 12 MONTHS ON ITEMS (1-7) EXCLUDING WATER RATES (5.3)	32911.50		2962.04	41050.00		3695.00
9.	HARVESTING / STRIPPING & LOADING						
	9.1 Harvesting Of Tops (40 Kg Md)	7.50	553.00	4147.50	9.50	563.00	5349.00
	9.2 Loading of 22,520 Kgs	1.50	553.00	829.50	2.50	563.00	1408.00
	Sub Total			4977.00			6757.00
10.	LAND RENT FOR 12 MONTHS	1.00	15000.00	15000.00	1.00	17000.00	17000.00
11.	AGRICULTURAL INCOME TAX			97.04			97.04
12.	MANAGEMENT CHARGES FOR 12 MONTHS OF A MANAGER @Rs 11000 PM FOR 100 ACRES	1.00	1200.00	1200.00	1.00	1320.00	1320.00
13.	GROSS COST (Item 1 to 12) INCLUDING LAND RENT			57282.58			70054.00
14.	YIELD PER ACRE (kgs)			22120.00			22520.00
15.	COST PER 40 kGs AT FARM LEVEL			103.59			124.43
16.	MARKETING EXPENSES:(Transport + Cess Fund)			9.00			10.00
17.	COST PER 40 KGs AT MILL GATE.			112.59			134.43
18.	INVESTMENT INCENTIVE @ 25 %			28.15			33.61
19.	SUPPORT PRICE RECOMMENDED			140.74			168.04

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**COST OF PRODUCTION OF SUGARCANE CROPS
IN THE PUNJAB FOR THE YEAR 2011-12**

Operations / Inputs	Average no. of oprs/units/ acre
PREPARATORY TILLAGE	
1.1 Deep Ploughing	1.00
1.2 Ploughing (Cultivator)	4.00
1.3 Levelling	1.00
SEED BED PREPARATION	
2.1 Ploughing (Cultivator)	2.00
2.2 Planking	2.00
SEED AND SOWING OPERATIONS	
3.1 Seed (Kgs) 75 /60 % of 3200 Kgs	2400
3.2 Sowing of Setts (M. days)	8.00
3.3 Ridging	1.00
3.4 Bund Making	0.50
INTERCULTURE /HOEING	
4.1 One Application of Herbicides with Tractor (Acre)	1.00
4.2 One Interculture and earthing up	1.00
IRRIGATION	
5.1 Cleaning of water courses (M. days)	2.00
5.2 Labour Charges (canal Irrigation) (M. days)	3.50
5.3 Water Charges (Canal Water)	5.00
5.4 Additional Irrigation Charges	5.00
5.5 Labour Charges(additional irrigation) (M. days)	1.00
FERTILIZER (Bag)	
6.1 Urea	2.00
6.2 DAP	1.50

6.3 Potash	0.50
6.4 Transportation	4.00
6.5 Fertilizer Application (M. days)	0.50
6.6 F.Y.M (Trolley)	1.00
6.7 Transportation & Spreading (F.Y.M)	

PLANT PROTECTION

7.1 one Treatment (Granules + Labour)

G.Total (Item 1 - 7)

MARKUP ON INVESTMENT @ 9% 27181.00
 FOR 12 MONTHS ON ITEMS (1-7) EXCLUDING
 WATER RATES (5.3)

HARVESTING / STRIPPING & LOADING

9.1 Harvesting Of Tops (40 Kg Md) 6.00
 9.2 Loading of 22,000 Kgs 1.00

LAND RENT FOR 12 MONTHS 1.00

AGRICULTURAL INCOME TAX

MANAGEMENT CHARGES FOR 12 MONTHS OF A 1.00
 MANAGER @Rs 7000 / 9000 PM FOR 100 ACRES

GROSS COST (Item 1 to 12)

INCLUDING LAND RENT

YIELD PER ACRE (kgs)

COST PER 40 KGs AT FARM LEVEL

MARKETING EXPENSES:(Transport + Cess Fund)

COST PER 40 KGs AT MILL GATE.

INVESTMENT INCENTIVE @ 25 %

SUPPORT PRICE RECOMMENDED

**OP UNDER IRRIGATED CONDITIONS
YEAR 2010-11.**

(Approved)

2009-10		Average no. of oprs/units/ acre	2010-11	
cost /unit Rs	cost /acre Rs		cost /unit Rs	cost /acre Rs
850.00	850.00	1.00	978.00	978.00
378.00	1512.00	4.00	436.00	1744.00
425.00	425.00	1.00	488.00	488.00
	2787.00			3210.00
378.00	756.00	2.00	436.00	872.00
189.00	378.00	2.00	218.00	436.00
	1134.00			1308.00
2.50	6000.00	1920	3.00	5760.00
220.00	1760.00	8.00	240.00	1920.00
378.00	378.00	1.00	436.00	436.00
220.00	110.00	0.50	240.00	120.00
	8248.00			8236.00
975.00	975.00	1.00	1120.00	1120.00
500.00	500.00	1.00	575.00	575.00
	1475.00			1695.00
220.00	440.00	2.00	240.00	480.00
220.00	770.00	3.50	240.00	840.00
	135.00			135.00
566.00	2830.00	5.00	650.00	3250.00
220.00	220.00	1.00	240.00	240.00
	4395.00			4945.00
670.00	1340.00	2.00	770.00	1540.00
3150.00	4725.00	1.50	2300.00	3450.00

2200.00	1100.00	0.50	2300.00	1150.00
13.00	52.00	4.00	15.00	60.00
220.00	110.00	0.50	240.00	120.00
600.00	600.00	1.00	700.00	700.00
	300.00			350.00
	8227.00			7370.00
	1050.00			1050.00
	27316.00			27814.00
	2446.29	27679.00		2491.11

550.00	3300.00	6.50	550.00	3575.00
550.00	550.00	1.25	550.00	687.50
	3850.00			4262.50
9000.00	9000.00	1.00	12000.00	12000.00
	97.04			97.04
840.00	840.00	1.00	1080.00	1080.00
	43549.33			47744.65
	22000.00			22000.00
	79.18			86.81
	8.00			9.00
	87.18			95.81
	21.80			23.95
	108.98			119.76

COST OF PRODUCTION OF SUGARCANE CROP IN THE PUNJAB FOR THE YEAR 2018-19

(Approved)

S.NO	Operations / Inputs	Average no. of oprs/units/acre	2017-18		Average no. of oprs/units/acre	2018-19	
			cost /unit	cost /acre		cost /unit	cost /acre
			Rs	Rs		Rs	Rs
1	PREPARATORY TILLAGE						
1.1	Deep Ploughing	1.00	1288.00	1288.00	1.00	1340.00	1340.00
1.2	Ploughing /Cultivator	6.00	603.00	3618.00	6.00	627.00	3762.00
1.3	Levelling	1.00	645.00	645.00	1.00	671.00	671.00
1.4	Planking	2.00	301.50	603.00	2.00	313.50	627.00
	Sub Total			6154.00			6400.00
2	SEED AND SOWING OPERATIONS						
2.1	Seed (Kgs) 60 % of 3200 Kgs	1920	5.00	9600.00	1920	5.00	9600.00
2.2	Sowing of Setts (Man days)	8.00	521.00	4168.00	8.00	525.00	4200.00
2.3	Ridging	1.00	603.00	603.00	1.00	627.00	627.00
2.4	Bund Making / Boarder making (Man days)	0.50	521.00	260.50	0.50	525.00	262.50
	Sub Total			14631.50			14689.50
3	INTERCULTURE / HOEING						
3.1	Application of Herbicides with Tractor (Acre)	1.00	1278.00	1278.00	1.00	1329.00	1329.00
3.2	Interculture and Earthing up with tractor	1.00	652.00	652.00	1.00	678.00	678.00
	Sub Total			1930.00			2007.00
4	IRRIGATION						
4.1	Water courses Cleaning (Man days)	2.00	521.00	1042.00	2.00	525.00	1050.00
4.2	Labour Charges for canal Irrigation(Man days)	3.50	521.00	1823.50	3.50	525.00	1837.50
4.3	Canal Water rate(Abiana/acre)			135.00			135.00
4.4	Private Tube well (3 Hrs= One irrigation)	5.00	1000.00	5000.00	5.00	1000.00	5000.00
4.5	Labour Charges(Additional irrigation man days)	1.00	521.00	521.00	1.00	525.00	525.00
	Sub Total			8521.50			8547.50
5	FERTILIZER (Bag)						
5.1	Urea	2.00	1400.00	2800.00	2.00	1400.00	2800.00
5.2	DAP	1.50	2400.00	3600.00	1.50	2950.00	4425.00
5.3	Potash /MOP /SOP	0.50	2300.00	1150.00	0.50	2450.00	1225.00
5.4	Transportation	4.00	20.00	80.00	4.00	20.80	83.20
5.5	Fertilizer Application (Man days)	0.50	521.00	260.50	0.50	525.00	262.50
5.6	Farm Yard Manure (Trolley)	1.00	1100.00	1100.00	1.00	1100.00	1100.00
5.7	Transportation & Spreading (F.Y.M)			410.00			426.00
	Sub Total			9400.50			10321.70
6	PLANT PROTECTION						
6.1	Treatment (Granules + Labour)			1400.00			1400.00
7	HARVESTING / STRIPPING & LOADING						
7.1	Cutting & Pruning (40 Kg Md)	623.00	12.00	7476.00	659.50	15.58	10275.01
7.2	Loading of 26380 Kgs / 659 Mds	623.00	3.00	1869.00	659.50	6.79	4478.01
	Sub Total			9345.00			14753.02
8	Land Rent for 12 Month @25,000/30,000 PA	1.00	25000.00	25000.00	1.00	30000.00	30000.00
9	Agricultural Income Tax 12 Months			97.04			97.04
10	Managment Charges for 12 Months of a Manager @Rs15,000 /15,000 PM for 100 Acres	1.00	1800.00	1800.00	1.00	1800.00	1800.00
11	Gross Cost (Item 1 to 10)			78280.00			90016.00
12	Yield Per Acre (kgs)			24927.00			26380.00
13	COST PER 100 Kgs AT FARM GATE			314.00			341.23
14	COST PER 40 Kgs AT FARM GATE			126.00			136.00
15	Marketing expenses:(Transport + Cess Fund)			13.00			19.00
16	COST PER 40 Kgs AT MILL GATE.			139.00			155.00
17	INVESTMENT INCENTIVE @ 25 %			35.00			38.75
18	INDICATIVE PRICE RECOMMENDED PER 40 Kgs			174.00			194.00