

COST OF CULTIVATION OF SUGARCANE IN ONE ACRE
(During the year 2010-11)

Sl. No.	Nature of work / Category of Expenditure	Amount (in Rs.)
1	Preparation of Land: a) Ploughing : 2 Times @ Rs.1100 1 st time Rs. 800 2 nd time = Rs.1,900 b) Cultivator : 2 Times @ Rs.500, 1 st Time Rs.400, 2 nd Time = Rs. 900 c) Formation of Ridges : Rs.500 = Rs. 500	3,300
2	Manure Cost: 4 Tractor Loads Manure @ Rs.1200 per tractor including Loading and Transport charges (Rs. 1200 x 4 = Rs.4,800)	4,800
3	Spreading of Manure in the filed (Rs.150 per tractor)	600
4	a) 2 DAP Bags @ Rs. 520/- per bag = Rs.1,040 b) 2 Bags Potash per bag Rs.270 = Rs. 540 c) Urea 2 bags + Potash 2 bags @Rs.280/- per bag (Rs.280x4=Rs.1120/-) = Rs.1,120 d) Ammonium sulphate 4 bags @ Rs.450 per bag (Rs.450x4=Rs.1800/-) = Rs.1,800 e) Micro nutrients = Rs.1,000 f) Applying Fertilizers 4 times @ Rs.200 each time(Rs.200x4=Rs.800) = Rs.1,000 ----- Rs.6,500	6,500
5	Preparation of Field & Field Channels for Plantation	600
6	Cost of Seed: a) 4 tonnes Seed @ Rs.1,600/- per tonne = Rs.6,400 b) Transport Charges = Rs.1,200	7,600
7	Plantation of Sugarcane: a) Cleaning, Spreading & Plantation = Rs.2,000 b) Treatment = Rs. 300 c) Baskets = Rs. 100	2,400
8	Cost of Weedicide	800
9	Spraying of Weedicide	200
10	Water Management	3,000
11	Motor / Sub-mersible pump maintenance	2,500
12	Interest on Bank Loans	2,500
13	Second Dose of Fertilizers a) Cost of Ammonia + Potash + Complex = Rs.1,675 b) Application = Rs. 150	1,825
14	Cost of 4 Weedings @ Rs.800 per Weeding	3,200
15	Earthing up 2 times @ Rs.1500 each time	3,000
16	Propping 2 times @ Rs.1200/- each time	2,400
17	Pest Control	1,000
18	Land rent	15,000
19	Management & Supervision	2,000
20	Temporary Fencing	2,000
21	Jute rope & Sulphar	200
22	Cutting Charges @ Rs.300 per tonne for 40 tonnes	12,000
23	Transport Charges @ Rs.150 per tonne for 40 tonnes	6,000
	TOTAL	83,425

Sl. No.	Nature of work / Category of Expenditure	Amount (Rs.)
1	<p>The following expenditures included in the Cost estimate at Page-1 are intended for 1st crop as well as Ratoon Crop. Therefore 50% of the following expenditure is to be equally shared among both Crops.</p> <p>a) Cost of preparation of land = Rs. 3,300 b) Seed = Rs. 6,400 c) Cutting & Transport = Rs.1,200 d) Cleaning, Treatment & Plantation = Rs. 2,400 e) Weedicides = Rs. 800</p> <p style="text-align: right;">----- Rs.14,100 -----</p>	14,100
2	<p>Thus actual cost of 1st Crop will be total Cost of Cultivation at Page-1, viz., Rs.83,425 (minus) 50% of the above Costs, viz., Rs.7,050 = Rs.76,375.</p>	76,375

YIELD AND INCOME

1	<p>a) Expected yield of Sugarcane in 1 acre (Plant Crop = 40 tonnes)</p> <p>b) Cost of cultivation for 40 tonnes = Rs. 76,375</p> <p>c) Cost of cultivation per tonne = Rs. 1,909 (Rs. 76,375/40 tonnes = Rs.1,909)</p> <p>d) Cost of cultivation per quintal = Rs. 191 (Rs.1909/10 qtls = Rs.190.90 or Rs.191)</p>	
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