

**COST OF PRODUCTION OF SPINACH CROP FOR THE YEAR 2016-17 UNDER AVERAGE CONDITIONS  
AND SOURCES IN THE PUNJAB**

( Approved)

S.NO	Operations / Inputs	2016-17		
		Average No of oprs/units/ acre	Rate /unit  Rs	cost /acre  Rs
<b>1. PREPARATORY TILLAGE PLOUGHING</b>				
1.1 Rutavator	1.00	1300.00	1300.00	
1.2 Deep ploughing (Chisel,Disk,Mouldboard)	1.00	1044.00	1044.00	
1.3 Ploughing / Cultivator	3.00	460.00	1380.00	
1.4 Planking	1.00	230.00	230.00	
1.5 Leveling /one Operation	1.00	522.00	522.00	
<b>Sub Total</b>			<b>4476.00</b>	
<b>2. SEED BED PREPARATION</b>				
2.1 Bed/Ridge	1.00	800.00	800.00	
<b>2.2 SEED AND SOWING OPERATIONS</b>				
2.2.1 Seed (Kgs) Hybrid	8.00	250.00	2000.00	
2.2.2 Labour Charges ( Man days)	2.00	425.00	850.00	
<b>Sub Total</b>			<b>3650.00</b>	
<b>3. FRAM YARD MANURE</b>				
3.1 Farm Yard manure ( Trolly)	2.00	1000.00	2000.00	
3.2 Transportation Charges	2.00	500.00	1000.00	
3.3 Labour for spreading Manure & Transportation ( Man days)	4.00	425.00	1700.00	
<b>Sub Total</b>			<b>4700.00</b>	
<b>4. Fertilizer</b>				
4.1 Urea	1.00	1400.00	1400.00	
4.2 DAP	1.00	2500.00	2500.00	
4.3 Potash(MOP)	1.00	2600.00	2600.00	
4.4 Transportation	3.00	18.00	54.00	
4.5 Fertilizer Application (Man days)	1.00	425.00	425.00	
<b>Sub Total</b>			<b>6979.00</b>	
<b>5. PLANT PROTECTION</b>				
Treatments (2 sprays with Insecticides & 3 Fungicides)	4.00	550.00	<b>2200.00</b>	
<b>6. IRRIGATION</b>				
6.1 Cleaning of water courses ( M. days)	1.00	425.00	425.00	
6.2 Labour Charges for Irrigation (M. days)	2.00	425.00	850.00	
6.3 Water Charges ( Canal Water)			56.30	
6.4 Additional Irrigation Charges(3Hrs= 1 irregation)	10.00	1000.00	10000.00	
<b>Sub Total</b>			<b>11331.30</b>	
<b>7. HARVESTING</b>				
7.1 Harvesting Charges (NO. of harvesting*Men*D/W) =15*2*425	30.00	425.00	12750.00	
7.2 Harvesting Handling & Transportation (Acre)	15.00	425.00	6375.00	
7.3 Ropes			200.00	
<b>Sub Total</b>			<b>19325.00</b>	
8 LAND RENT FOR 6 MONTHS @30,000 PA	0.50	30000.00	15000.00	
9 Agricultural Income Tax.			48.52	
10 MANAGEMENT CHARGES FOR 6 MONTHS OF A MANAGER @ Rs 14000 PM FOR 100 ACRES	6.00	140.00	840.00	
<b>11 GROSS COST (Item 1 to 10)</b>			<b>68550.00</b>	
12 YIELD PER ACRE (kgs)			6155.0	
13 COST PER KG AT FARM LEVEL.			11.14	
<b>14 COST PER 40 KGs AT FARM LEVEL.</b>			<b>445.00</b>	
15 MARKETING EXPENSES:( Rs /40 Kgs)			34.00	
<b>16 COST PER 40 KGs AT MANDI GATE.</b>			<b>479.00</b>	
17 INVESTMENT INCENTIVE @25 %			119.75	
<b>18 INDICATIVE PRICE RECOMMENDED</b>			<b>599.00</b>	