



FARMWORX  
-Monetizing farming-

## COST & PROFIT BREAK DOWN

6/17/2021 6:34:30 PM

<b>INITIAL COST OF PRODUCING TOMATOES IN ONE ACRE</b>					
#	ITEM/TASK	ITEM/TASK	QUANTITY	COST (Kshs.)	TOTAL COST (Kshs.)
1.	<b>Leasing</b>	Land	1 Acre/3 Seasons	10,000.00/3	3,333.33
2.	<b>Inputs</b>				
	Fertilizer	D.A.P	200kg	70.00	14,000.00
		N.P.K	200kg	70.00	14,000.00
		C.A.N	200kg	70.00	14,000.00
	Chemicals	Score	1Litre		920.00
		Redomil Gold	1kg		900.00
		Thunder	1Litre		6,000.00
		Dynamic	1Litre		1,200.00
		Calmax	5Litres		3,500.00
		Omex	2.5Litres		3,000.00
	Farm Yard Manure	Manure	8 Tones	600.00	4,800.00
		Transport		5,000.00	5,000.00
	Stakes	Stakes	11,000 Pcs	2.00	22,000.00
		Transport		4,000.00	4,000.00
3.	<b>Capital Investment</b>				
	2" High Pressure Pump	-	1pc	15,000.00	15,000.00





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	2" Pvc Pipes + Connections	-	20pcs	1,500.00	30,000.00
	Harvesting Crates	-	6pcs	600.00	3,600.00
4.	<b>Labor</b>				
	Ploughing	-	-	6,000.00	6,000.00
	Planting	-	-	6,000.00	6,000.00
	Weeding	-	2 Times	5,000.00	10,000.00
	Fertilizer Application	-	-	2,000.00	2,000.00
	Chemical Application	-	-	5,000.00	5,000.00
	Staking And Pruning	-	-	4,000.00	4,000.00
	Irrigation	-	-	10,000.00	10,000.00
5.	<b>Fuel</b>	-	-	10,000.00	10,000.00
6.	<b>Transport</b>	-	-	10,000.00	10,000.00
7.	<b>Consultancy</b>	-	-	45,000.00	45,000.00
7.	<b>Other Costs</b>	-	-	15,000.00	15,000.00
<b>TOTAL COST</b>					<b>= 268,253.33</b>
<b>VARIANCE</b>					<b>= ±50,000.00</b>





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### Points to note

It's good to note that the cost varies in different regions as indicated by the **VARIANCE** figure.

The figure can be **MORE THAN OR EVEN LESS THAN** the figure. This is due to;

- ✓ The capital investments are there or not?
- ✓ Is land leased or not?
- ✓ Source of water and are there pandemics like hailstones ,flooding or even landslides
- ✓ Availability of manure
- ✓ Are seedlings raised at the farm or outsourced?

### Profit;

To calculate profit we take the worst case scenario on dry and rainy seasons

- ✓ Each plant bears maximum **4kg**
- ✓ The maximum farm gate price is **Kshs 10.00 per Kg**

Now;

**Total Harvest** =11,000 Plants \* 4kg = 44,000 Kgs

**Revenue** = 44,000kgs \*Kshs 10.00 = Kshs 440,000.00

**Profit= Total Revenue-Total Cost**

=Kshs 440,000.00- Kshs 268,253.33= **Kshs 181,746.67 ±50,000.00**

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