

# Onion Production



## Production Information

Planting distance: **40 × 20 × 5** cm  
 Potential yield: **75-88** qt/0.25ha  
 Seed amount: **1.6-2.0** kg/0.25ha  
 Manure: **25-30** qt/0.25ha

NPS: **60** kg      Urea: **25** kg



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (1 × 2) - 3**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_  
 Transplant date  
 (6-7 weeks after  
 planting): \_\_\_\_\_

**3 Weeks Later**

**2 Weeks Later**

Day: \_\_\_\_\_ kg

Day: \_\_\_\_\_ kg

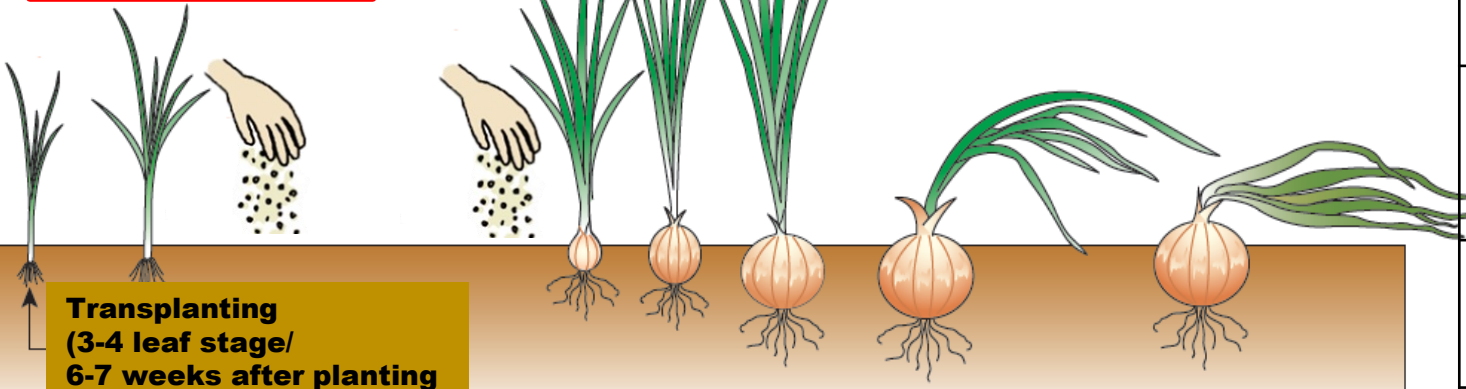
Day: \_\_\_\_\_ kg

Harvest(17weeks-):  
 ① Yield: \_\_\_\_\_ kg

② Price: \_\_\_\_\_  
 Market: \_\_\_\_\_

## Production cost

Items	Amount	ETB
<b>③ Total</b>		



# Onion Production



## Production Information

Planting distance: **40 × 20 × 5** cm  
 Potential yield: **75-88** qt/0.25ha  
 Seed amount: **1.6-2.0** kg/0.25ha  
 Manure: **25-30** qt/0.25ha



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (1 × 2) - 3**



**39,370 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Adama Red  
 Area(ha): 0.25 ha  
 (qt): 25 qt

60 kg  
 Sowing Date: 12/Aug/2019

Transplant date  
 (6-7 weeks after  
 planting): 7/Oct/2019

**2 Weeks Later**



Day: 21/Oct

12.5 kg

**3 Weeks Later**



Day: 11/Nov

12.5 kg

Harvest(17weeks-):

27/Jan/2020

① Yield: 40 qt

1qt = 100 kg

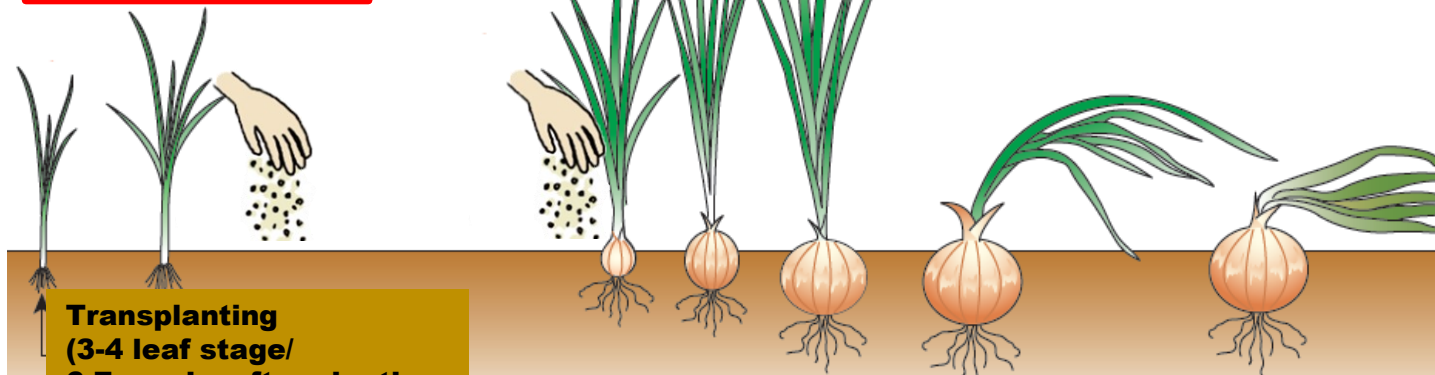
② Price: 1,200 birr

Market: Adama

## Production cost

Items	Amount	ETB
	<u>1.7 kg</u>	<u>1,000</u>
	<u>60 kg</u>	<u>840</u>
	<u>25 kg</u>	<u>350</u>
	<u>1 bottle</u>	<u>2,040</u>
	<u>One way</u>	<u>2,000</u>
	<u>5 people</u>	<u>2,400</u>
<b>③ Total</b>		<b><u>8,630</u></b>

**Transplanting**  
 (3-4 leaf stage/  
 6-7 weeks after planting)



# Potato Production



## Production Information

Planting distance: **75 × 30** cm  
 Potential yield: **65-100** qt/0.25ha  
 Seed amount: **5** qt/0.25ha  
 Manure: **50** qt/0.25ha

 NPS: **45** kg  
 Urea: **30** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_

**4 Weeks Later**

**At flowering**



Day: \_\_\_\_\_

kg

Day: \_\_\_\_\_

kg

\* 2 weeks after emergence

\* 8 WAP



Harvest(17weeks-):

① Yield:







1qt = \_\_\_\_\_ kg

② Price:

Market:

## Production cost



Items	Amount	ETB
		
		
		
		
		
		
<b>③ Total</b>		

# Potato Production



## Production Information

Planting distance: **75 × 30** cm  
 Potential yield: **65-100** qt/0.25ha  
 Seed amount: **5** qt/0.25ha  
 Manure: **50** qt/0.25ha



NPS: **45** kg

Urea: **30** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**



**17,390 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Beleta  
 Area(ha): 0.25 ha  
 (qt): 50 qt  
45 kg  
 Sowing Date: 11/Nov/2019

**4 Weeks Later**

**At flowering**



Day: 9/Dec

15 kg

Day: 6/Jan

15 kg

\* 2 weeks after emergence

\* 8 WAP

Harvest(17weeks-):

6/Mar/2020

① Yield: 50 qt

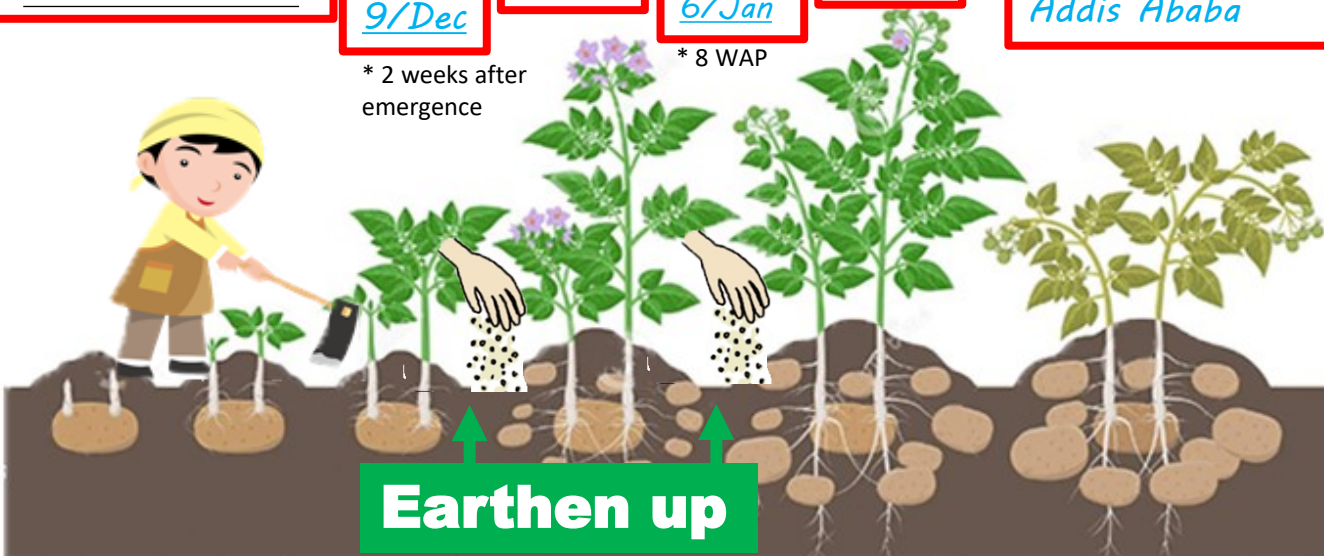
1qt = 100 kg

② Price: 500 birr

Market: Addis Ababa

Production cost		
Items	Amount	ETB
	<u>5 qt</u>	<u>3,500</u>
	<u>45 kg</u>	<u>630</u>
	<u>30 kg</u>	<u>420</u>
	<u>1 btl</u>	<u>300</u>
		<u>560</u>
		<u>2,200</u>
<b>③</b>		<u>7,610</u>
<b>Total</b>		

**Earthen up**



# Tomato Production



## Production Information

Planting distance: **(70 × 100) × 30** cm

Potential yield: **100-175** qt/0.25ha

Seed amount: **63-75** kg/0.25ha

Manure: **25-30** qt/0.25ha



NPS: **60** kg



Urea: **25** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_

Kebele: \_\_\_\_\_

Name: \_\_\_\_\_

## Production cost



Items	Amount	ETB
<b>③ Total</b>		

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_  
 Transplant date  
 (6-7 weeks after  
 planting): \_\_\_\_\_

**4 Weeks Later**

**4 Weeks Later**

Day: \_\_\_\_\_ kg

Day: \_\_\_\_\_ kg

Day: \_\_\_\_\_ kg

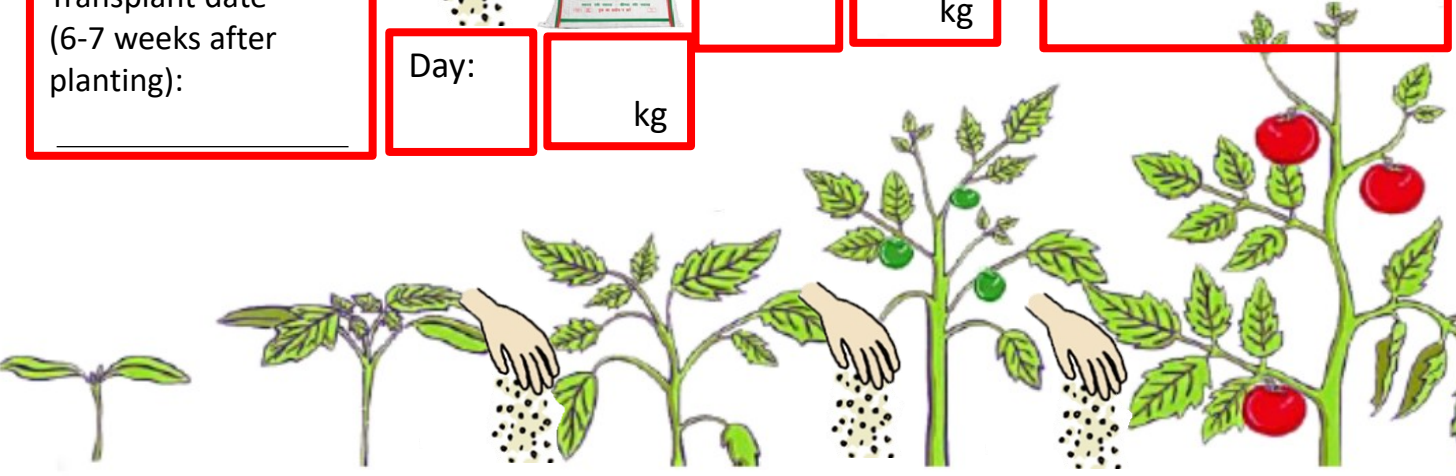
Harvest(17weeks-):

**① Yield:** \_\_\_\_\_ kg

**② Price:** \_\_\_\_\_

1box = \_\_\_\_\_ kg

Market: \_\_\_\_\_



## Fruiting stage

# Tomato Production



## Production Information

Planting distance: **(70 × 100) × 30** cm  
 Potential yield: **100-175** qt/0.25ha  
 Seed amount: **63-75** kg/0.25ha  
 Manure: **25-30** qt/0.25ha

NPS: **60** kg      Urea: **25** kg



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**

**41,610 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Roma VF  
 Area(ha): 0.25 ha  
 (qt): 0.25qt

60 kg  
 Sowing Date: 12/Aug/2019  
 Transplant date (6-7 weeks after planting): 7/Oct/2019

### 4 Weeks Later

Day: 4/Nov      12.5 kg

### 4 Weeks Later

Day: 4/Nov      12.5 kg

Harvest(17w-):

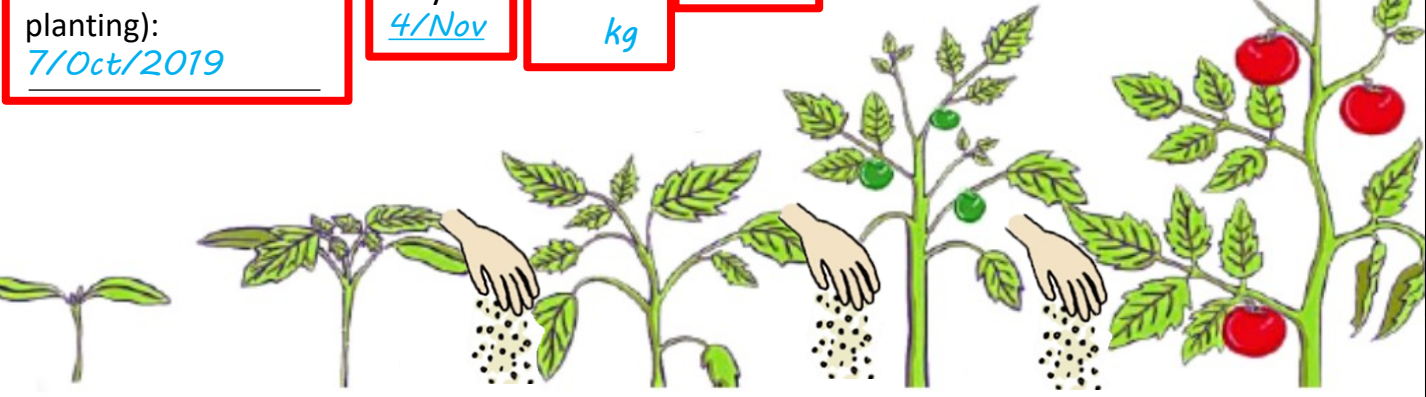
9/Dec/2019

① Yield: 125 qt

1 crate= 50kg, 1qt=2 crates

② Price(qt): 400 birr

Market: Adama



### Fruiting stage

Production cost		
Items	Amount	ETB
	63 g	2,000
	60 kg	840
	25 kg	350
	2 btls	1,000
		1,200
		3,000
③		8,390
<b>Total</b>		

# Garlic Production



## Production Information

Planting distance: **40 × 20 × 5** cm  
 Potential yield: **15-20** qt/0.25ha  
 Seed amount: **2-2.5** qt/0.25ha  
 Manure: **25-30** qt-/0.25ha



NPS: **60** kg



Urea: **30** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_

**3 Weeks Later**

**4 Weeks Later**



Day: \_\_\_\_\_

kg

Day: \_\_\_\_\_

kg

Harvest(19 weeks-):

① Yield:

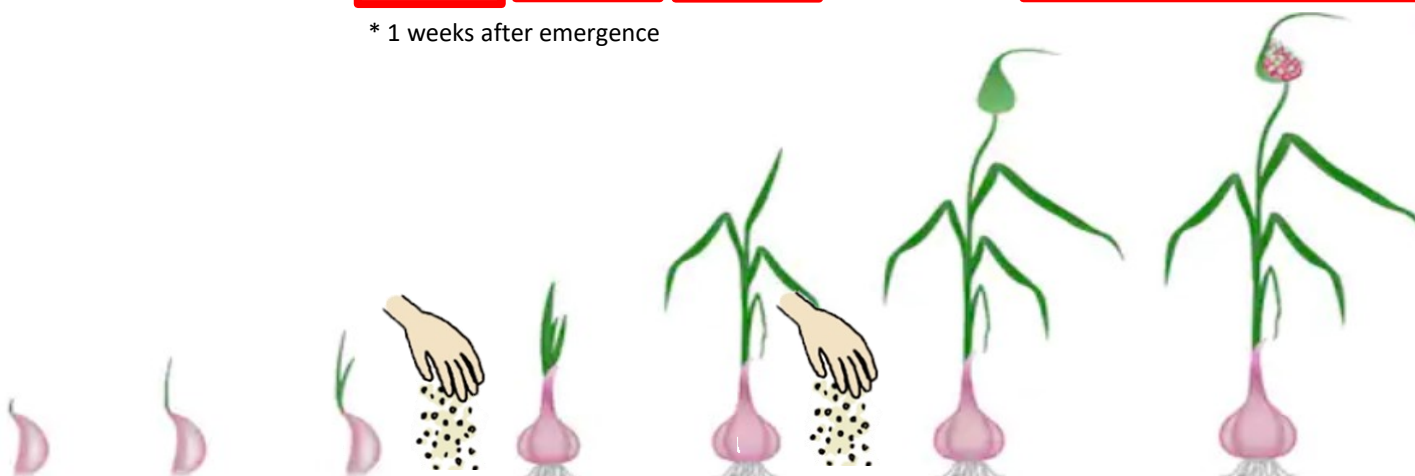
1qt = \_\_\_\_\_ kg

② Price:



Market: \_\_\_\_\_

\* 1 weeks after emergence



## Production cost

Items	Amount	ETB
<b>③ Total</b>		

# Garlic Production



## Production Information

Planting distance: **40 × 20 × 5** cm  
 Potential yield: **15-20** qt/0.25ha  
 Seed amount: **2-2.5** qt/0.25ha  
 Manure: **25-30** qt-/0.25ha

 NPS: **60** kg  
 Urea: **30** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**



**84,240 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Tsedey  
 Area(ha): 0.25ha  
 (qt): 50 qt  
60 kg  
 Sowing Date: 14/Oct/2019a

**3 Weeks Later**

**4 Weeks Later**



Day: 4/Nov

15 kg

Day: 2/Dec

15 kg

Harvest(19w-):  
24/Feb/2020

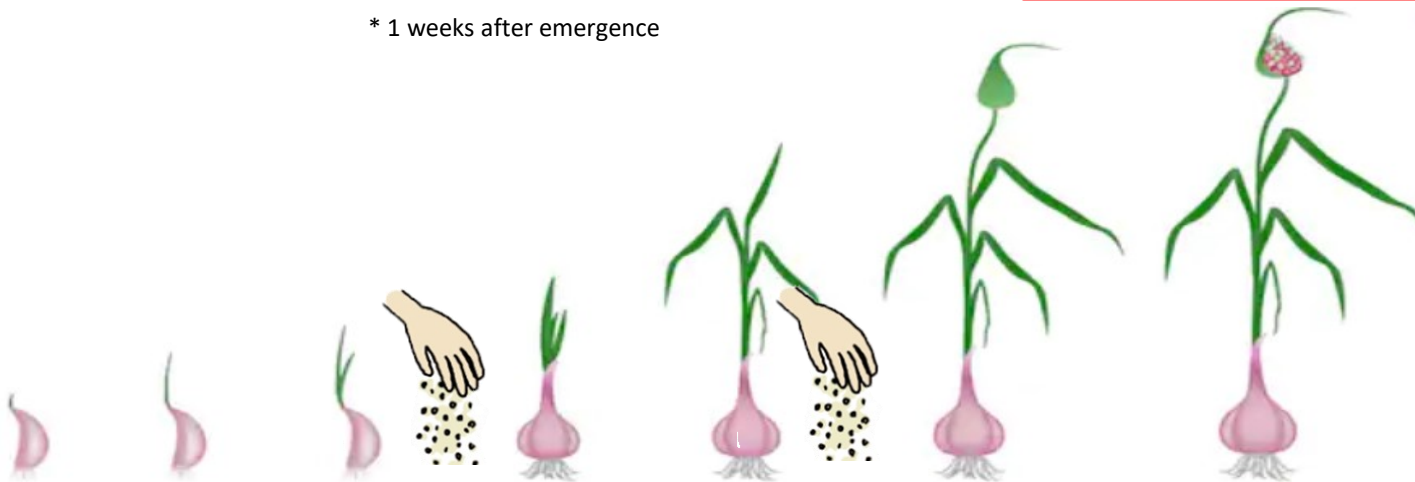
① Yield: 14 qt

1qt = 100 kg







② Price:  
7,000 birr

Market:  
Adama

\* 1 weeks after emergence



## Production cost

Items	Amount	ETB
	<u>2 qt</u>	<u>5,000</u>
	<u>60 kg</u>	<u>840</u>
	<u>30 kg</u>	<u>420</u>
	<u>1 btl</u>	<u>500</u>
		<u>1,000</u>
		<u>6,000</u>
<b>③</b>		
<b>Total</b>		<u>13,760</u>



# Pepper Production



## Production Information

Planting distance: **70 × 30** cm  
 Potential yield: **40-60** qt/0.25ha  
 Seed amount: **150-190** g/0.25ha  
 Manure: **25-30** qt/0.25ha

 NPS: **60** kg  
 Urea: **25** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**





*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_

Area(ha): \_\_\_\_\_ *ha*

(qt): \_\_\_\_\_ *qt*

  
 \_\_\_\_\_ kg

Sowing Date: \_\_\_\_\_

Transplant date  
 (6-7 weeks after  
 planting): \_\_\_\_\_

**2 Weeks Later**



Day: \_\_\_\_\_

kg

**3 Weeks Later**



Day: \_\_\_\_\_

kg

① Yield: \_\_\_\_\_

1qt = \_\_\_\_\_ kg







② Price: \_\_\_\_\_



Market: \_\_\_\_\_

## Production cost



Items	Amount	ETB
		
		
		
		
		
		
③		
<b>Total</b>		



**Flowering Stage**

# Pepper Production



## Production Information

Planting distance: **70 × 30** cm  
 Potential yield: **40-60** qt/0.25ha  
 Seed amount: **150-190** g/0.25ha  
 Manure: **25-30** qt/0.25ha



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**

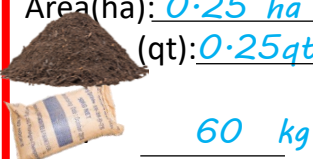


**8,810birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Marako Fana

Area(ha): 0.25 ha  
 (qt): 0.25qt



Sowing Date: 12/Aug/2019

Transplant date  
 (6-7 weeks after  
 planting): 7/Oct/2019

### 2 Weeks Later



Day: 21/Oct



12.5 kg

### 3 Weeks Later



Day: 18/Nov



12.5 kg

Harvest(17w-):

9/Dec/2019

① Yield: 40 qt

1qt = 23 kg

② Price(qt): 400birr

Market:

Adama

## Production cost

Items	Amount	ETB
	<u>125 g</u>	<u>1,500</u>
	<u>60 kg</u>	<u>840</u>
	<u>25 kg</u>	<u>350</u>
	<u>1 btl</u>	<u>500</u>
		<u>1,000</u>
		<u>3,000</u>
③		<u>7,190</u>
<b>Total</b>		





**Flowering Stage**

# Cabbage Production



## Production Information

Planting distance: **60 × 40** cm  
 Potential yield: **75-100** qt/0.25ha  
 Seed amount: **100** g/0.25ha  
 Manure: **25-30** qt/0.25ha

 NPS: **60** kg  Urea: **25** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_  
 Transplant date  
 (6-7 weeks after  
 planting): \_\_\_\_\_

**3 Weeks Later**

**3 Weeks Later**









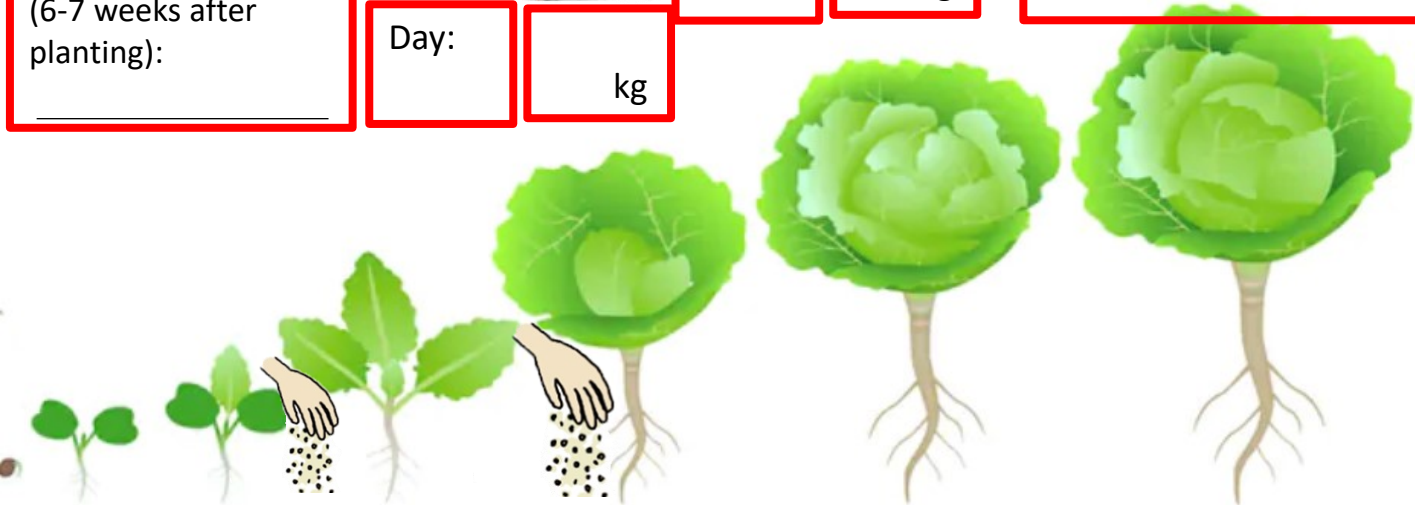
Day: \_\_\_\_\_  
 \_\_\_\_\_ kg

Day: \_\_\_\_\_  
 \_\_\_\_\_ kg

Harvest(17w-):  
 ① Yield: \_\_\_\_\_  
 1qt = \_\_\_\_\_ kg

② Price: \_\_\_\_\_  
 Market: \_\_\_\_\_

Production cost		
Items	Amount	ETB
		
		
		
		
		
		
<b>③</b>		
<b>Total</b>		



# Cabbage Production



## Production Information

Planting distance: **60 × 40** cm  
 Potential yield: **75-100** qt/0.25ha  
 Seed amount: **100** g/0.25ha  
 Manure: **25-30** qt/0.25ha



NPS: **60** kg



Urea: **25** kg

I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**



**30,710 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Copenhagen  
 Area(ha): 0.25ha  
 (qt): 25 qt



60 kg

Sowing Date: 12/Aug/2019

Transplant date  
 (6-7 weeks after  
 planting): 7/Oct/2019

**3 Weeks Later**

**3 Weeks Later**



Day: 28/Oct

12.5 kg



Day: 18/Nov

12.5 kg

Harvest(17w-):

9/Dec/2019

① Yield: 180 qt

1qt = 75 kg

② Price: 200 birr

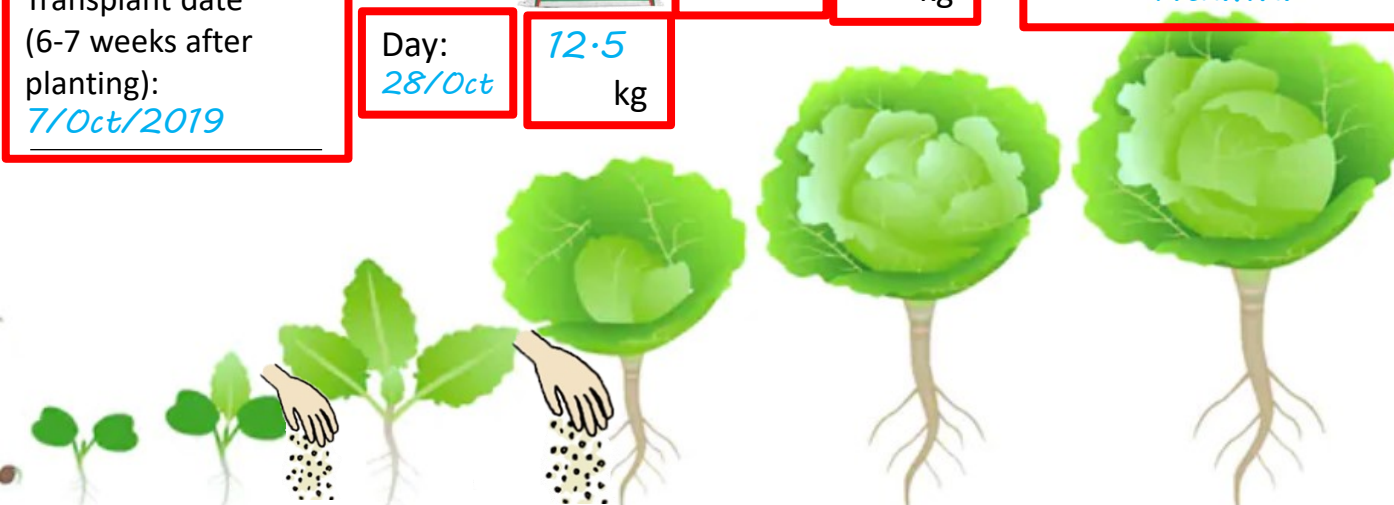


Market:

Adama

## Production cost

Items	Amount	ETB
	<u>100 g</u>	<u>800</u>
	<u>60 kg</u>	<u>840</u>
	<u>25 kg</u>	<u>350</u>
	<u>3 btl</u>	<u>1,200</u>
		<u>600</u>
		<u>1,500</u>
<b>③</b>		<u>5,290</u>
<b>Total</b>		



# Carrot Production



## Production Information

Planting distance: **20 × 5** cm  
 Potential yield: **25-40** qt/0.25ha  
 Seed amount: **1.25** kg/0.25ha  
 Manure: **-** qt/0.25ha



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_  
 Area(ha): \_\_\_\_\_ *ha*  
 (qt): \_\_\_\_\_ *qt*  
 \_\_\_\_\_ kg  
 Sowing Date: \_\_\_\_\_

**5 Weeks Later**

**3 Weeks Later**



① Yield:

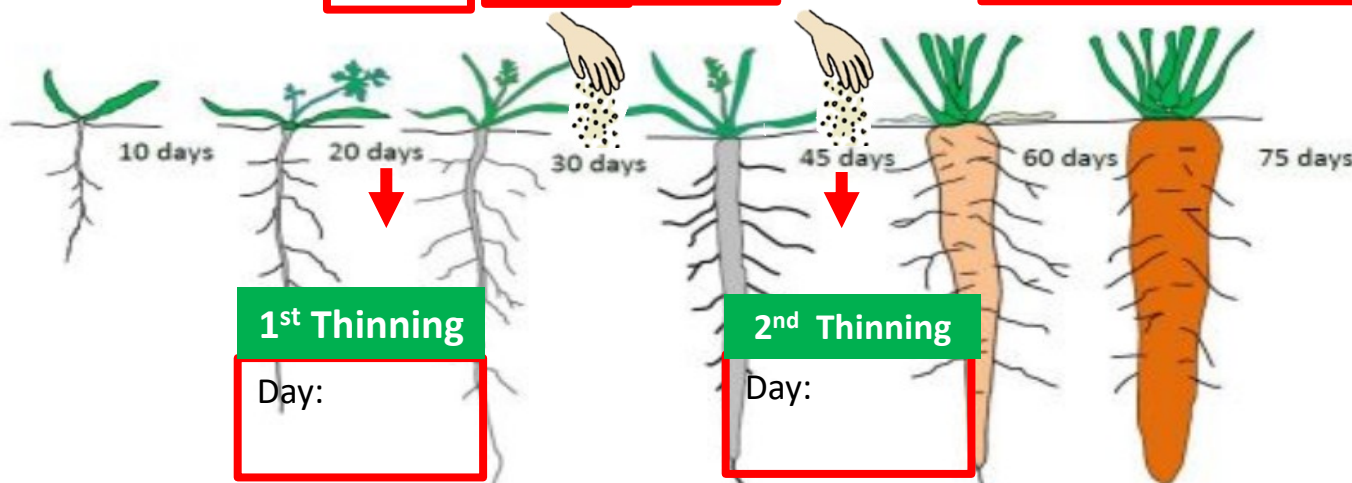
1qt = \_\_\_\_\_ kg

② Price:

Market:

## Production cost

Items	Amount	ETB
<b>③ Total</b>		



# Carrot Production



## Production Information

Planting distance: **20 × 5** cm  
 Potential yield: **25-40** qt/0.25ha  
 Seed amount: **1.25** kg/0.25ha  
 Manure: **-** qt/0.25ha

NPS: **20** kg      Urea: **35** kg



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**



**46,196 birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Nantaise  
 Area(ha): 0.25 ha  
 (qt): - qt  
78 kg  
 Sowing Date:  
12/Aug/2019

**5 Weeks Later**

**3 Weeks Later**



Day:  
16/Sep

9  
g/m<sup>2</sup>

Day:  
7/Oct

4  
g/m<sup>2</sup>

Harvest(17WAS-):  
9/Dec/2019

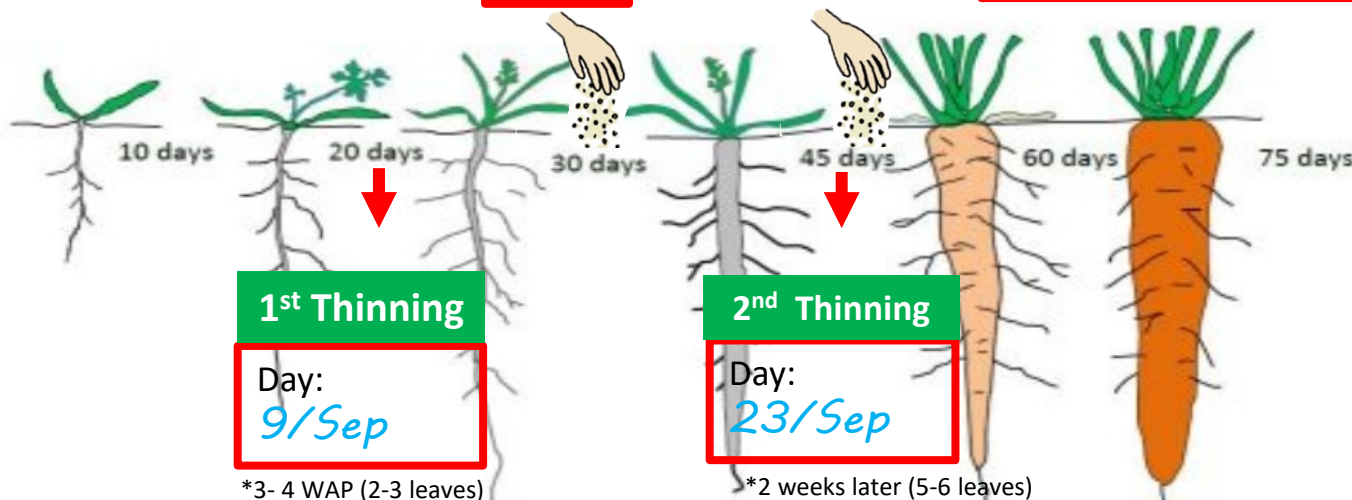
① Yield: 25 qt

1qt = 100 kg

② Price:  
20 birr/kg

Market:  
Indibara

Production cost		
Items	Amount	ETB
	<u>1.25 kg</u>	<u>1,500</u>
	<u>20 kg</u>	<u>280</u>
	<u>35 kg</u>	<u>224</u>
	<u>1 btl</u>	<u>300</u>
		<u>500</u>
		<u>1,000</u>
<b>③</b>		<u>3,804</u>
<b>Total</b>		



# Kale Production



## Production Information

Planting distance: **60 × (40-60)** cm  
 Potential yield: **70-80** qt/0.25ha  
 Seed amount: **100** g/0.25ha  
 Manure: **25-30** qt/0.25ha



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_ )

**Net Profit: (① × ②) - ③**



*birr*

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: \_\_\_\_\_

Area(ha): \_\_\_\_\_ *ha*

(qt): \_\_\_\_\_ *qt*

\_\_\_\_\_ kg

Sowing Date: \_\_\_\_\_

Transplant date  
 (5-6 weeks after  
 planting): \_\_\_\_\_

**1 Weeks Later**

**3 Weeks Later**



Day: \_\_\_\_\_

kg

Day: \_\_\_\_\_

kg

Harvest(12W-): \_\_\_\_\_

① Yield: \_\_\_\_\_

1qt = \_\_\_\_\_ kg

② Price: \_\_\_\_\_

Market: \_\_\_\_\_

## Production cost

Items	Amount	ETB
<b>③</b>		
<b>Total</b>		

**20cm tall**



# Kale Production



## Production Information

Planting distance: **60 × (40-60)** cm  
 Potential yield: **70-80** qt/0.25ha  
 Seed amount: **100** g/0.25ha  
 Manure: **25-30** qt/0.25ha



I am Improving or changing  Crop/Variety,  
 Quality,  Quantity,  Harvest timing,  
 Buyers,  Others (specify: \_\_\_\_\_)

**Net Profit: (① × ②) - ③**

**47,160**

**birr**

Woreda: \_\_\_\_\_  
 Kebele: \_\_\_\_\_  
 Name: \_\_\_\_\_

Variety: Collards  
 Area(ha): 0.25 ha  
 (qt): 25 qt

20 kg  
 Sowing Date: 4/April/2019  
 Transplant date (5 weeks after planting): 9/May/2019

**1 Weeks Later**

**3 Weeks Later**



Harvest(12w-):  
30/June/2019

**① Yield: 50 qt**

1qt = 100 kg

**② Price: 10 birr/kg**

Market: Adama

## Production cost

Items	Amount	ETB
	100 g	500
	20 kg	280
	40 kg	560
	1 btl	500
		500
		500
<b>③</b>		<b>2,840</b>
<b>Total</b>		

**20cm tall**

