



# CARROT FARMING

## Carrot Farming Season and Seeding Rate

### Objective

To become clear about the suitable time for carrot farming and the seeding rate.

### Technical Knowledge and Process

- Carrots can be cultivated throughout the year in the upper regions of the mid hills and the lower regions of the high hills.
- Carrots can be yielded regularly by planting them every 30-45 days.
- 200 – 300 grams of seeds are required per 0.05 hectare of land.
- Good quality seeds should be planted for good production.

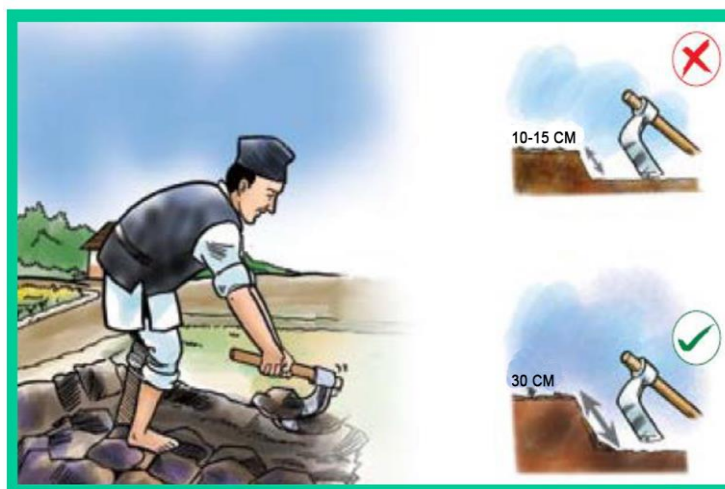
### Farming Season

Month/ Region	Apr/ May	May/ Jun	Jun/ Jul	Jul/ Aug	Aug/ Sep	Sep/ Oct	Oct/ Nov	Nov/ Dec	Dec/ Jan	Jan/ Feb	Feb/ Mar	Mar/ Apr
High hills												
Mid hills												
Valley and Terai												

## Field and Fertiliser Management for Carrot Farming

### Land preparation

- Field should be tilled one arm deep



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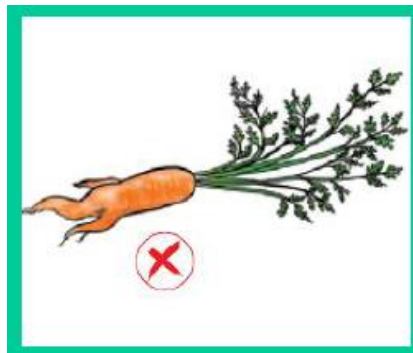
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- Tilling should be done until the soil becomes fine. During dry season, the field should be flattened for uniform irrigation and outlet should be provided for early maturing crops.

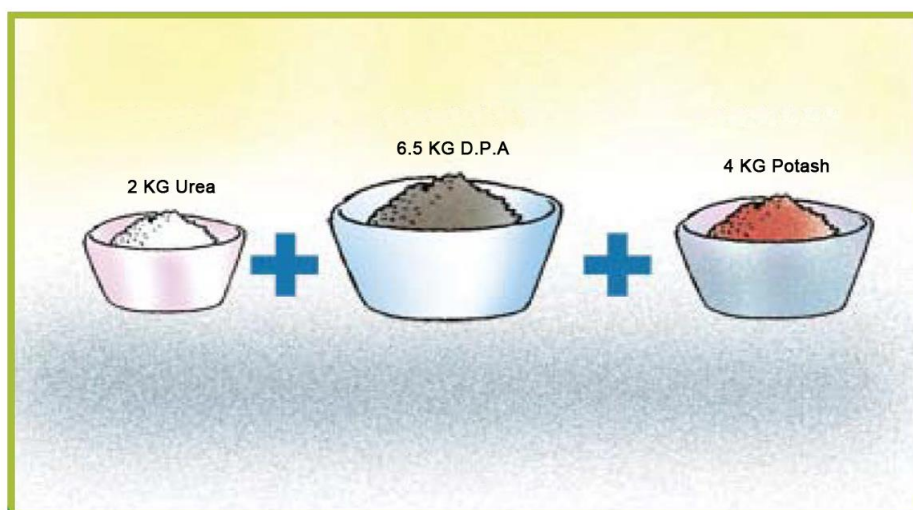


### Fertilizer

- Sixty baskets (approximately 1.5 metric tonnes) of well decomposed organic fertilizer should be used per 0.05 Hectare land while tilling the land.



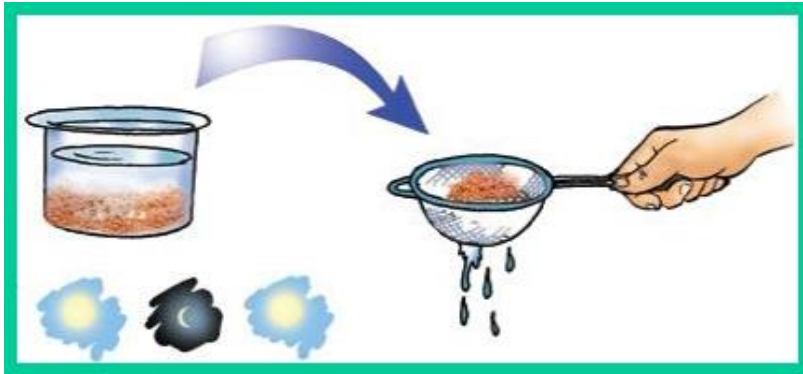
- Carrot root can tear off if the organic fertilizer is not well decomposed and the land is full of stones and pebbles.
- During the final stage of land preparation, 2 kg of urea, 4.5 kg D.A.P and 3 kg of potash should be used per 0.05 Hectare land, which will result in good yield.



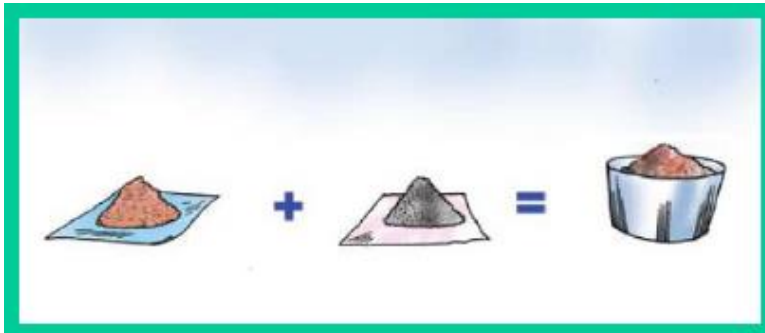
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### Sowing of Seeds

- Seeds will germinate faster when they are soaked in water for 24 hours and sieved  $\frac{1}{2}$  before sowing.



- If sand or ash is mixed with seeds in equal amount before sowing, it will be easier to sow.



- Seeds should be sown continuously in rows prepared with a gap of 40 cm.



- When the plants grow 4-5 leaves, some of them should be rooted out to maintain a gap of 10 cm between each plant.

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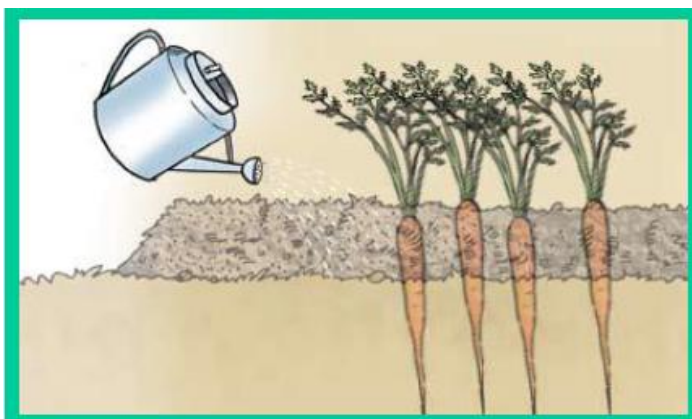
#### Weed Control

- Weeds should not be allowed to grow in carrot fields.



#### Irrigation

- Carrots need regular and abundant irrigation. Irrigation becomes all the more important during germination of seeds.

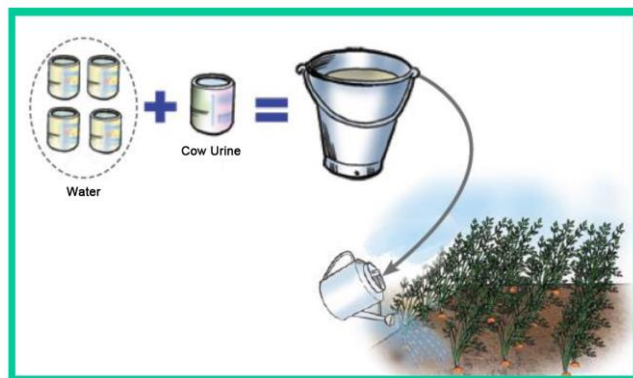


#### Additional Fertilizer

- Spraying the mixture of 1 part cattle urine and 4 parts every 15 days works as an additional fertilizer. One litre of such mixture should be used per square metre of land.

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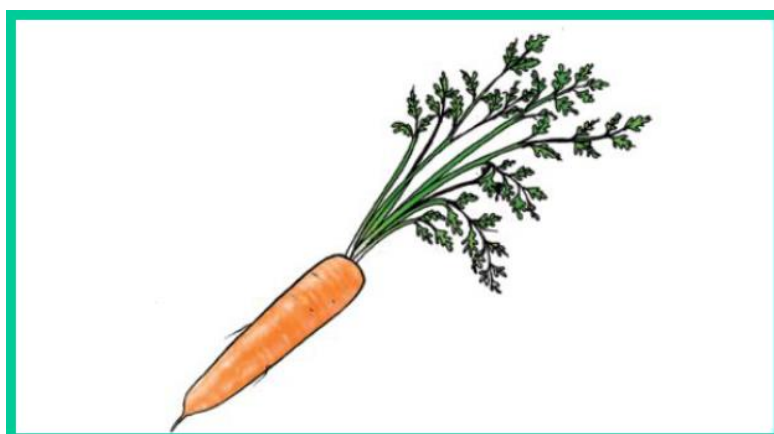


- If chemical fertilizers are to be used, 1.5 kg of urea should be used after the 4th and 8th week of sowing the seeds for each 0.05 Hectare land. It should be used after digging ridges along the rows. After using the fertilizer, it should be covered by soil and then irrigated.



### Harvesting

- Carrots should be uprooted before their kernels start hardening or before they start sprouting. Usually, carrots become ready after 3 months of sowing the seeds.



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