

PLANT GROWTH STAGES



STAGE 1

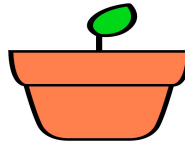
Seed Germination

This stage can take 2-10 days.

Seed begins to sprout and grow into a new plant.

Germination occurs when the seed is provided with the right conditions : water, oxygen, and warmth.

Water softens the seed coat, activates enzymes within the seed which starts to break down the stored nutrients within the seed and use to fuel growth.

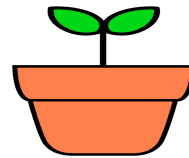


STAGE 2

Seedling

This stage begins when the sprout has small leaves, no longer than 1½ inches.

This stage las about two weeks..



STAGE 3

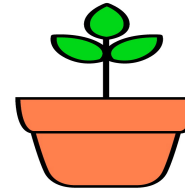
Vegetative

This stage means that the stem has leaves that are longer than 1½ inches.

The stem thickens and grow taller. During this stage the plant grows rapidly. It produces leaves.

Plants require a lot of nutrients, water and sunlight, for growth.

Plants need care. Ensure it stays healthy and free from pests and diseases.



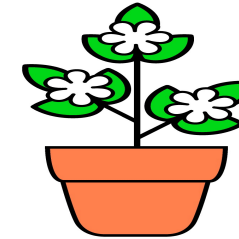
STAGE 4

Bud Stage

This stage begins as soon as the bud begins to show at the top of the stem.

At this stage, the plant's leaves and bud move to follow the course of the sun throughout the day.

This is called *heliotropism*.

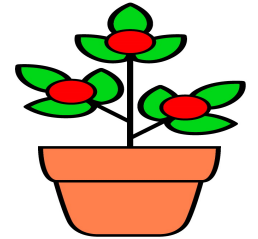


STAGE 5

Flowering

Once the bud begins to open, the flower remains facing east and no longer performs *heliotropism*.

The complete opening of the bud can take up to 7 days.



STAGE 6

Ripening

This is the final stage.

It is marked with the development of mature fruits and vegetables, a signal for harvest.

The seeds fall off and become planted in the ground. Eventually all the seeds will fall off.

Fruits ripens as its colour changes..

Change in colour is due to the breakdown of chlorophyll, a pigment in theplants.