

PLANT HORMONES

Plant hormones

are synthesised at places away from where they act and simply diffuse to the area of action.

Gibberellins

help in the growth of the stem.

Absciscic acid

inhibits growth. Its effect include wilting of leaves.

Cytokinins

promote cell division. Found in greater concentration in areas of rapid cell division such as fruits and seeds.

Auxin

is synthesised at the shoot tip. It helps the cells to grow longer. When light is coming from one side of the plant, auxin diffuses towards the shady side of the shoot. This concentration of auxin stimulates the cells to grow longer on the side of the shoot which is away from light, the shoot bend towards light.