

Plant Hormones

What can plants sense

- Light - phototropism
- Water - hydrotropism
- Gravity - geotropism

What is a tropism?

A tropism is a growth movement to a stimulus. Auxins (a type of hormone found in plants) are responsible for these growths. Auxin hormones are produced in the tips of the shoots and roots of a plant.

What can plant hormones be used for commercially?

- Growing cuttings - Rooting powder (a powder that helps plants grow made from other plants)
- Ripening fruit - Hormones of some fruits are used to ripen fruit so it is ready to be sold immediately, this is useful when the fruit comes from different countries. Eg: Ethylene from bananas
- Killing weeds - High doses of plant hormones can make plants grow too fast, this can be used on weeds to destroy them
- Making seedless fruits - Plant hormones can control the pollination of fruit therefore not making the fruit pollinate means it will be seedless

Preview from Notesale.co.uk
Page 1 of 1