

Vidya Bhawan Balika Vidyapeeth Lakhisarai

Arun Kumar Gupta

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How do we detect the smell of an agarbatti (incense stick)?

Smell of an agarbatti is detected by Nose, olfactory receptors present in the nose sends electrical signal to the fore brain.

Fore brain interprets this signal as the incense stick to be detected as smell.

What are plant hormones?

Plant hormones are the organic substances produced at certain sites of the plant and are translocated to other parts based on the requirement.

Plant hormones help to coordinate growth, development and responses to the environment. Ex: Auxin's Gibberlin's, cytokines, abscisic acid and ethylene.

How does chemical coordination take place in animals?

Chemical coordination takes place in animals with the help of chemical messengers called as Hormones.

Hormones are the chemical fluids that are secreted by specific glands of the endocrine gland.

Hormones regulate the growth, development and homeostasis of the animals.

Why is the use of iodised salt advisable?

Usage of Iodised salt is advisable to avoid the deficiency of Iodine.

If the intake of iodine is low, the release of thyroxine from the thyroid gland will be decreased.

This affects fat, carbohydrate and protein metabolism .

Thus a person may have goitre problem in case if the intake of iodine is lowered.

. What happens at the synapse between two neurons ?

Between the synapse between two neurons electric signals are converted into chemicals that can easily cross over the gap and pass on the chemical messenger to next neuron where it is converted back to electrical signal.