



Vizle



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# Plant growth regulators (Phytohormones, Plant Hormones)

- Chemicals which control Cell division, Growth, Flowering, Fruit development, Seed development, PGR

PGR (Plant Growth Promoters)

Plant Growth Inhibitors (PGI)

- All Activities to Promote Growth

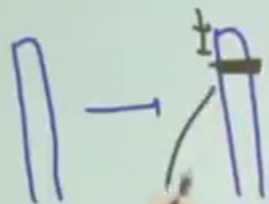
- (i) Auxin
- (ii) Cytokinin
- (iii) G.A (Gibberellin)

- Abscisinic acid



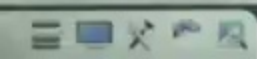


\* F.W Went (Oat coleoptile)



Agar plate  
(Auxin  
collect)

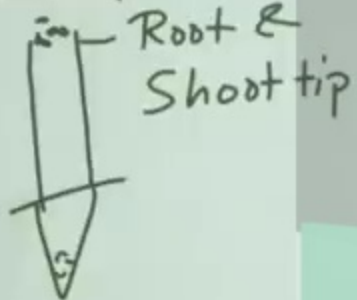
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(a) Discovery → Darwin, F.W. Went

(b) Site of Synthesis



(3) type →

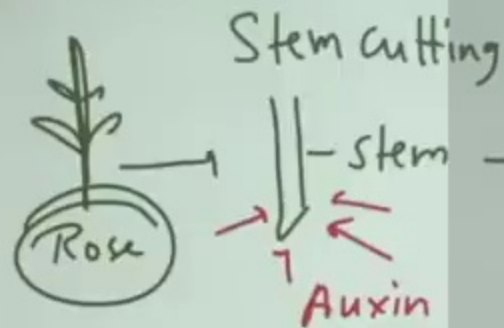
Natural  
Auxin

→ IAA → Indole-3-acetic acid

IBA → Indole-3-butyric acid

Synthetic Auxin

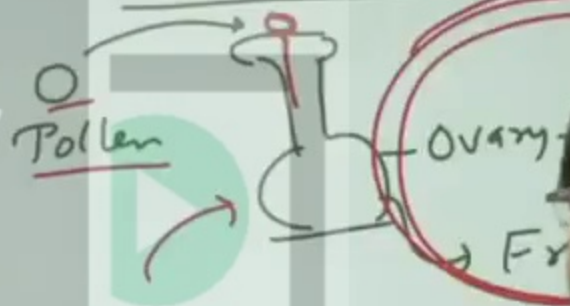
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Adventitious Root

(Use in Horticulture)

Parthenocarpy



- Seed less Fruit

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