

Topic 06 –Hormones & Tropisms

Reading:

- 1) Hoefnagles Chap. 24 (section 24.4, 24.5, 24.6, 24.7)
- 2) The relevant chapter on Plant Behavior in Lab Manual

I. Tropisms

- A. Gravitropism
 1. Stimulus
 2. Where & Why
 3. Mechanism
- B. Phototropism
 1. Stimulus
 2. Where & Why
 3. Mechanism
- C. Thigmotropism
 1. Stimulus
 2. Where & Why
 3. Mechanism

II. Phytohormones

- A. Auxins
 1. Chemistry
 2. Origins
 3. Transport
 4. Function
 5. Commercial Applications
- B. Gibberellins
 1. Chemistry
 2. Origins
 3. Transport
 4. Function
 5. Commercial Applications
- C. Cytokinins
 1. Chemistry
 2. Origins
 3. Transport
 4. Function
 5. Commercial Applications
- D. Ethylene
 1. Chemistry
 2. Origins
 3. Transport
 4. Function
 5. Commercial Applications