

Chapters 39: Plant Responses

Chap 39

What is etiolation?

What is de-etiolation?

How would you explain signal transduction in plants? Is it different than in animals?

What did the Darwin brother's experiment with plant hormones show in relation to phototropism?

What are the major plant hormones? (Know the major functions of the hormones)

How do phytochromes relate to seed germination?

What is photoperiodism?

How do statoliths relate to gravitropism?

What is Thigmotropism? What is thigmomorphogenesis?

What environmental stresses affect plants?

How do plants defend against herbivores?

How do plants defend against pathogens?