

What type of plant hormone helps plants adapt to seasonal changes, such as by inducing bud dormancy and inhibiting cell growth or premature seed germination?

A ethylene

B gibberellin

C auxin

D abscisic acid

E cytokinins

ABA also contributes to stomatal closure and thereby helps conserve water. Often, ABA is applied to nursery stock before it is shipped, because dormant plants are more resistant to damage.

Answer **D**.

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