

Question 1

Name the four environmental factors that most impact seed germination.

Answer: <https://biology-forums.com/index.php?topic=1910141>

Question 2

Under certain conditions the plant growth regulators _____ and _____ can enhance graft union formation.

- auxin; cytokinin.
- cytokinin; auxin

Answer: <https://biology-forums.com/index.php?topic=1910231>

Question 3

_____ established the first botanical garden in North America.

- David Landreth
- William Prince
- Bernard McMahon
- John Bartram

Answer: <https://biology-forums.com/index.php?topic=1909925>

Question 4

_____ is usually the plant hormone used during the root formation stage of micropropagation.

Answer: <https://biology-forums.com/index.php?topic=1910312>

Question 5

_____ are the compounds found in smoke following a fire that can be a potent activator of germination.

Answer: <https://biology-forums.com/index.php?topic=1910138>

Question 6

_____ seeds do not tolerate the maturation drying stage of seed development and must not be allowed to dry below 30% moisture.

Answer: <https://biology-forums.com/index.php?topic=1910035>

Question 7

Which type of propagation does not result in the production of a clone?

- Sexual seed
- Apomictic seed
- Vegetative propagation

Answer: <https://biology-forums.com/index.php?topic=1909944>

Question 8

_____ is a dormancy condition induced by high temperature.

Answer: <https://biology-forums.com/index.php?topic=1910125>

Question 9

Intermittent mist revolutionized cutting propagation, but mist can severely _____ cuttings of nutrients.

Answer: <https://biology-forums.com/index.php?topic=1910206>

Question 10

Cuttings taken from stock plants exposed to _____ photoperiod frequently have enhanced rooting, which in part due to higher endogenous levels of the phytohormone: _____.

Answer: <https://biology-forums.com/index.php?topic=1910201>

Question 11

Best management practices for the nursery industry include _____, _____, _____, and _____.

Answer: <https://biology-forums.com/index.php?topic=1910006>

Question 12

Selection based solely upon the growth and appearance of the source plant is known as _____.

Answer: <https://biology-forums.com/index.php?topic=1910182>

Question 13

The two types of self-incompatibility are _____ and _____.

Answer: <https://biology-forums.com/index.php?topic=1910052>

Question 14

_____ shoots form from pre-existing meristems, whereas _____ shoots arise from non-nodal regions of the plant (like leaf pieces).

Answer: <https://biology-forums.com/index.php?topic=1910297>

Question 15

The _____ vigor test subjects seeds to elevated seed moisture and high temperature for 2 to 5 days prior to the standard germination test.

Answer: <https://biology-forums.com/index.php?topic=1910086>

Question 16

What are three advantages for propagation by somatic embryos?

Answer: <https://biology-forums.com/index.php?topic=1910340>

Question 17

The beginning of human civilization began when humans learned to cultivate plants for food.

- true
- false

Answer: <https://biology-forums.com/index.php?topic=1909928>

Question 18

Graft incompatibility can be caused by: _____, _____, or _____.

Answer: <https://biology-forums.com/index.php?topic=1910235>

Question 19

List five horticultural reasons for utilizing clones.

Answer: <https://biology-forums.com/index.php?topic=1910185>

Question 20

Name three of the five activities fundamental to agriculture.

Answer: <https://biology-forums.com/index.php?topic=1909937>