

HW
29.06.31

HOME ASSIGNMENT

1. Write two differences between natural and artificial vegetative reproduction.

Natural reproduction

* Natural vegetative propagation helps to avoid physical barriers in sexual reproduction.

* Natural vegetative propagation refers to the natural development of a new plant without human intervention.

Artificial vegetative reproduction

* Artificial vegetative propagation helps to maintain desirable

characters over generations

* Artificial vegetative refers to the artificial development of new plants by means of human intervention.

2. What is tissue culture? How it is beneficial for gardeners?

Tissue culture involves the use of small pieces of plant tissue (explants) which are cultured in a nutrient medium under sterile conditions.

Tissue culture enables a farmer to carry a healthy mother plant's desirable genetics throughout the crop. Variations will normally occur within the same species, but with these micropropagation methods, farmers can eliminate those variations, and grow uniform plants that require the exact same harvesting and care.

3. Draw the diagram of flower and label all the parts.

