

HOME ASSIGNMENT - 11/07/21

1) What is artificial pollination?

Artificial Pollination is the type of pollination carried out by humans. It is a mechanical technique used to pollinate plants when natural pollination is insufficient or undesirable. It does not require the help of insects or weather.

2) What are the steps of artificial pollination?

Methods of Artificial Pollination:

- take a male flower and remove its petals.
- Try not to touch the stamens to avoid the pollen transfer to your fingers.
- Find a blooming female flower with its petals pushed back.
- Touch the stamens of the male flower to the stigma of the female flower and roll over it gently.
- The pollen will be transferred to the stigma and pollination will occur.

~~What is artificial pollination?~~ Why is artificial agricultural beneficial to horticulturist?

~~If the climatic~~ Natural pollination is dependant on a number of different factors such as the vector pollinators.

conditions are adverse, it can negatively affect the production and transport of Pollen. Pollen transport by vectors can also be negatively affected by a large number of different factors like diseases and pesticide treatment. Artificial pollination helps plant breeders overcome such problems. It can also help them produce a new and better variety of crops with desired features by helping them to cross breed and pollinate.

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