

1. What is artificial pollination?

Ans- 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?

Ans- Methods of Artificial Pollination are:-

\* 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.



(3) Why artificial pollination is beneficial to horticulturist?

Ans- The advantage of artificial pollination is that it produces large numbers of the fruit and increases size and seed numbers. The artificial pollination also provides high conversion from flowers to export fruits. We can also produce a large variety of hybrid plants by the use of artificial pollination.