

How  
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# Reproduction in plants



- 1) What is artificial pollination?
- 2) What are the steps of artificial pollination?
- 3) Why artificial pollination is beneficial to horticulturist?

## Answer

① The transfer of pollen grains to the stigma manually is known as artificial pollination.

② The steps of artificial pollination are :

- \* The breeders select two different varieties of a crop plant with desired characteristics.
- \* Cross breeding between them is done by artificial pollination.
- \* After selecting the male and female plants out of the two, the anther from the ~~flower~~ flowers of female plant are removed.
- \* Then these female flowers are pollinated by pollen grains of the male flowers.

③ The advantage of artificial pollination is that it produces large number of fruit and increases size and seed numbers.

\* It also provides high conversion from flowers to export fruits.