

## ● Transgenic Crops

Cross out the statements that **DO NOT** agree with the textbook.

1. Biotechnology is a quick and precise method of improving crops.
2. Biotechnology always involves moving DNA between organisms of the same species.
3. Many different technologies are used to produce transgenic crops.
4. One way to produce transgenic crops is to use a virus or bacterium to insert DNA into a plant.
5. A plant infected by a DNA-carrying bacterium withers and dies.
6. Small metal balls coated with DNA can be used to produce transgenic crops.
7. All methods of producing transgenic crops have been used since 1980.
8. Through biotechnology, scientists are able to modify plants.
9. Biotechnology has produced transgenic potatoes that retain their firmness for longer periods of time.
10. Scientists hope to produce transgenic crops in the future that can resist diseases.

Complete the following sentences using the appropriate words from the textbook.

11. The process of moving DNA directly from one organism to another is called \_\_\_\_\_.
12. A \_\_\_\_\_ is one in which DNA from one kind of organism has been inserted into plants to improve the crop.
13. Scientists insert DNA into plants using a \_\_\_\_\_ or bacterium to transport the DNA.
14. The first transgenic tomato that was approved for use had a \_\_\_\_\_ inserted in them that slows the softening process.
15. Biotechnology has produced transgenic potatoes that produce their own \_\_\_\_\_.