

1. Agricultural genetics is the study of:

- A. how genes are passed on from one generation to the next in plants and animals
- B. how genes are expressed in plants and animals
- C. how environmental factors influence the expression of genes in plants and animals
- D. how new varieties of plants and animals are created

2. Agricultural genetics is used to:

- A. improve the quality of crops and livestock
- B. increase the yield of crops and livestock
- C. decrease the susceptibility of crops and livestock to disease
- D. all of the above

3. One goal of agricultural genetics is to:

- A. create new varieties of plants and animals that are better suited to their environment
- B. create new varieties of plants and animals that are more resistant to disease
- C. create new varieties of plants and animals that produce more food
- D. all of the above

4. Agricultural genetics is important because:

- A. it can help us to understand how genes are passed on from one generation to the next
- B. it can help us to understand how genes are expressed in plants and animals
- C. it can help us to understand how environmental factors influence the expression of genes in plants and animals
- D. all of the above

5. One way that agricultural genetics is used to improve crops and livestock is by:

- A. selecting plants and animals with desirable traits to breed
- B. using genetic engineering to insert desirable genes into plants and animals
- C. using radiation or chemicals to mutate plants and animals
- D. all of the above

6. Agricultural genetics has been used to:

- A. create new varieties of crops that are more resistant to disease
- B. create new varieties of crops that yield more food

C. create new varieties of livestock that are more resistant to disease

D. all of the above

7. One way that agricultural genetics is used to improve the quality of crops and livestock is by:

A. selecting plants and animals with desirable traits to breed

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8. Agricultural genetics is used to create new varieties of plants and animals by:

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D. all of the above

9. One goal of agricultural genetics is to create new varieties of plants and animals that are better suited to their environment. This is done by:

A. selecting plants and animals with desirable traits to breed

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D. all of the above

10. Agricultural genetics is used to create new varieties of plants and animals by:

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11. One goal of agricultural genetics is to create new varieties of plants and animals that are more resistant to disease. This is done by:

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12. Agricultural genetics is used to create new varieties of plants and animals by:

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13. One goal of agricultural genetics is to create new varieties of plants and animals that produce more food. This is done by:

- A. selecting plants and animals with desirable traits to breed
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- A. selecting plants and animals with desirable traits to breed
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17. One goal of agricultural genetics is to create new varieties of plants and animals that are more resistant to disease. This is done by:

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18. Agricultural genetics is used to create new varieties of plants and animals by:

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- 1. D
- 2. D
- 3. D
- 4. D
- 5. D
- 6. D
- 7. D
- 8. D
- 9. D
- 10. D
- 11. D
- 12. D
- 13. D
- 14. D
- 15. D
- 16. D
- 17. D
- 18. D
- 19. D
- 20. D