

3. Answers will vary. Students should understand that selective breeding increases the likelihood that offspring will inherit the parents' traits but does not guarantee that outcome in all cases.

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1. Modern wheat has been selectively bred to have these traits.
2. Answers will vary. Choosing the full stalk to grow a new crop amounts to selective breeding for tall, full crops in the future.



1. How can wheat grown today produce more bread and cereal than strains of wheat grown in the past?
2. Imagine you have a short, thin stalk of wheat and a tall, full stalk. From which would you take the seeds and plant a new crop?
3. Would you expect the entire crop grown from your preferred stalk to show the characteristics of the parent crop? Explain your answer.