

**Advances in Dairy Farming**

**Questions**

1. “California has been the nation’s top producing agricultural state for many years.” Identify the agricultural products named in the passage.

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2. Which advances helped turn milk into a marketable product? Explain the significance of each.

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3. Central idea in the text: In order for milk to have the quality and availability that it does today, many problems were solved by advances in technology and science.

For each problem/need in the following chart, identify one or more solutions from science/technology.

<b>Problem/Need</b>	<b>Science/Technology Solution</b>
1. how to make raw milk safe	
2. produce more milk in less time	
3. keep milk from separating	
4. keep milk from spoiling	
5. dispose of manure	
6. safely transport milk	
7. safely store milk	
8. improve milking process	
9. eliminate waste when milking	
10. prevent contamination of milk	
11. protect the environment	
12. produce more milk	
13. produce renewable energy	
14. spend less time milking	
15. make products from milk	

4. Does the author think science and technology will find a way to replace the cow? Support your answer.

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