



Bat Die-Off Increases Insecticide Use & Infant Deaths in US

Description

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Bats in the US are declining due to a disease. Farmers used more insecticides because bats ate fewer insects. This cost farmers money and impacted children's health.

More babies died in areas with the bat disease. The disease made farmers use more insecticides, which are harmful chemicals.

The bat disease started in 2006 in New York. It has spread and killed many bats. The disease affected farmers, causing economic losses and increased infant deaths.

Data from studying affected and unaffected areas showed higher insecticide use where the bat disease was present. This led to negative consequences like baby deaths.

This study reveals how important bats are for farmers and human health. Losing bats impacts our well-being. We need to value and protect nature for our own health and safety.

Vocabulary List:

1. **Declining** /dɪˈklaɪnɪŋ/ (verb): Becoming fewer or less; decreasing.
2. **Insecticides** /ɪnˈsektɪsaɪdɪz/ (noun): Chemicals used to kill insects.
3. **Economic** /,iː.kəˈnɔː.mɪk/ (adjective): Related to the economy or financial situation.
4. **Consequences** /ˈkɒn.sɪ.kwənt.sɪz/ (noun): Results or effects of an action or condition.
5. **Well-being** /wəlˈbiːɪŋ/ (noun): The state of being comfortable healthy or happy.
6. **Valuable** /ˈvæl.juː.ə.bəl/ (adjective): Important or useful; having worth.

Comprehension Questions

Multiple Choice

1. What is the main reason for the declining bat population in the US?

Option: Disease
Option: Climate change
Option: Loss of habitat
Option: Natural predators

2. What impact did the declining bat population have on farmers?

Option: Increased crop yield
Option: Decreased insecticide use



- Option: Financial losses
- Option: Improved soil quality

3. In which year did the bat disease first appear in New York?

- Option: 2001
- Option: 2006
- Option: 2010
- Option: 2015

4. What negative consequence is mentioned due to the increased insecticide use?

- Option: Lower crop production
- Option: Health benefits
- Option: Baby deaths
- Option: Agricultural subsidies

5. What was the main factor contributing to the increased insecticide use by farmers?

- Option: Government regulation
- Option: Decreased bat population
- Option: Market demands
- Option: Technological advancements

6. How does the study suggest that losing bats can impact human well-being?

- Option: Improved air quality
- Option: Increased crop yield
- Option: Negative health effects
- Option: Enhanced biodiversity

Answer

Multiple Choice: 1. Disease 2. Financial losses 3. 2006 4. Baby deaths 5. Decreased bat population 6. Negative health effects

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which gaming platform is known for its dedicated game library and exclusive titles?

- Option: PC



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- Option: Console
Option: Mobile
Option: VR
2. Which component of a computer is responsible for executing instructions and tasks?
Option: Graphics Card
Option: RAM
Option: Hard Drive
Option: Processor
3. What term describes a trend or situation where something is decreasing in quantity or quality?
Option: Increasing
Option: Stable
Option: Fluctuating
Option: Declining
4. Which adjective best describes a device capable of handling demanding tasks with ease?
Option: Inadequate
Option: Efficient
Option: Powerful
Option: Average
5. Which environment is characterized by a water habitat?
Option: Desert
Option: Tundra
Option: Forest
Option: Aquatic
6. Which term relates to the production consumption and transfer of wealth within a country or region?
Option: Social
Option: Ecological
Option: Political
Option: Economic
7. Which word means to break free or get away from a constraint or confinement?
Option: Confront
Option: Embrace
Option: Surrender
Option: Escape
8. What term describes something that costs a lot of money or is high in price?
Option: Affordable
Option: Cheap



- Option: Costly
Option: Expensive

9. Which type of animal hunts and preys on others for survival?

- Option: Herbivore
Option: Omnivore
Option: Carnivore
Option: Predator

10. What term is used to describe the introduction of a new product or service to the market?

- Option: Recycled
Option: Discontinued
Option: Launched
Option: Rebranded

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ processing is essential for rendering visual elements in video games.
12. The _____ of a computer can be improved by upgrading its hardware components.
13. Every action has its own set of _____ whether positive or negative.
14. Mental health plays a crucial role in overall _____ and happiness.
15. Having a backup system in place ensures a _____ source of data recovery.
16. High-quality materials often result in a more _____ end product.
17. Successful businesses often have well-thought-out marketing and growth _____.
18. Certain _____ insecticides can effectively control pest infestations.
19. A gaming console that is _____ can play games from previous generations.
20. The central _____ is often considered the brain of a computer system.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The new smartphone boasts a vibrant and clear screen for watching videos and browsing.



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| 22. Eating fiber-rich foods is essential for a healthy system. |
| 23. Time is one of the most resources we have; we should use it wisely. |
| 24. The latest computer model features a cutting-edge to handle demanding tasks. |
| 25. Video game enthusiasts prefer using a gaming for an immersive experience. |
| 26. are elongated fish that are often slimy and lack pelvic fins. |
| 27. The new device's performance is our expectations setting a new standard. |
| 28. Farmers use to protect crops from harmful pests and insects. |
| 29. Modern video games rely heavily on advanced to deliver stunning visuals. |
| 30. Regular maintenance can help improve the overall of your vehicle. |

Answer

Multiple Choice: 1. Console 2. Processor 3. Declining 4. Powerful 5. Aquatic 6. Economic 7. Escape 8. Expensive 9. Predator 10. Launched

Gap-Fill: 11. Graphics 12. Performance 13. Consequences 14. Well-being 15. Reliable 16. Expensive 17. Strategies 18. Potent 19. Backward compatible 20. Processor

Matching sentence: 1. Display 2. Digestive 3. Valuable 4. Processor 5. Console 6. Eels 7. Surpassing 8. Insecticides 9. Graphics 10. Performance

CATEGORY

1. Sci/Tech - LEVEL2

Date Created

2024/09/06

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