

THERMONEUTRALITY

Meaning: Thermoneutrality is the state in which an organism's metabolic rate remains stable and energy expenditure is minimized due to optimal environmental temperature conditions.

1. Thermoneutrality is an important concept in understanding animal physiology and energy expenditure.
2. In a thermoneutral environment, the metabolic rate of an organism remains stable, minimizing energy usage.
3. Researchers often study thermoneutrality to assess how different species adapt to climate variations.
4. The principle of thermoneutrality is crucial for designing comfortable living spaces in buildings.
5. Maintaining thermoneutrality can enhance the welfare of livestock, leading to better growth and production rates.

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