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**Temperature-Humidity Indices as Indicators of Milk Production Losses Due to Heat**

**Stress.** *By Bohmanova et al., page 1947.* Temperature-humidity indices are popular indicators of heat stress. Many indices with different weightings of temperature and humidity have been proposed. However, none of them were specifically designed for Holstein cows. The objective of this study was to identify the most suitable temperature-humidity index for Holstein cows kept in humid and semiarid climates. Indices with greater weights on humidity were the most effective in identifying declines in milk production due to heat stress in humid climates. In semiarid climates, humidity was not a causative factor of heat stress and indices with lower weights on humidity were more suitable.