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Amelioration of heat stress for poultry welfare: a strategic approach.

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Abstract : In many parts of the world, the poultry industry has conquered a leading position among all the agricultural and allied sectors. Egg and meat industries have shown terrific improvement due to adoption of modernized management tools and preventive measures to lethal diseases. On the other hand, heat stress has emerged as one of the major constraint for future development of this industry particularly in the hot and humid parts of the world. Since birds are deprived of sweat glands thermoregulation becomes challenging in hot weather. Affected birds become poor producers and huge death in the flock can also be observed in some cases. Therefore, the sole objective of this review is to gather and deliver available scientific reports on heat stress in poultry including its prevention measures.

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