

## Horses May Miss Critical Light Exposure During Summer Stall Time

Equine light therapy systems offer year-round benefits beyond winter months.

OCALA, FL, UNITED STATES, May 8, 2025 /EINPresswire.com/ -- As summer heat intensifies across much of North America and Canada, horse owners are adjusting routines to protect animals from soaring temperatures and persistent insects. In many barns, that means stalling horses during the day and turning them out at night—offering relief from heat stress, but also creating an oftenoverlooked consequence: lack of natural light exposure.

While equine light therapy systems are typically associated with the dark days of winter, experts are drawing attention to the importance of maintaining healthy light cycles year-round. Horses rely on light to regulate their circadian rhythms—biological processes that influence sleep, hormone balance,

Shiny, healthy, and happy horses
Improved daytime alertness and restful nights
EQU INES
Red night light: Extends forage-eating time
Red night light: Extends resting periods

Ethanced growth, muscle gain, and performance
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Enhanced growth, muscle gain, and performance
Faster muscle recovery post-exercise
Better vitamin D production for calcium absorption and muscle recovery
Less clipping; summer coat retained longer
Improved food conversion to muscle; reduced feed volume without condition loss

Induces mares into season earlier with 17-hour light settings—more effective than standard barn lighting, better foaling weights, foal growth, and yearling weight due to increased milk production
Stimulates early reproductive cycle renewal post-foaling
Optimizes reproductive capacity in stallions

CHORSELIGHT
MAXIMISING POTENTIAL

immune response, and reproductive health. When those rhythms are disrupted, it can lead to behavioral changes, fatigue, metabolic imbalance, and difficulty in breeding programs.

"People often assume summer solves the issue of light deprivation," said Holm Oostveen, President of Vitafloor USA Inc. "But in many regions, horses are kept indoors during peak daylight hours, which unintentionally cuts off their access to the very light their bodies rely on."

To address this, equine facilities have increasingly turned to biologically optimized lighting systems like <a href="HorseLight">HorseLight</a>—an <a href="automatic blue light technology">automatic blue light technology</a> developed to simulate the biological effects of natural daylight indoors. The system delivers targeted spectrums of blue-enriched white light during the day, supporting alertness, hormone regulation, and vitamin D synthesis, while switching to red light at night to maintain melatonin levels and support rest. Unlike standard barn lighting, these systems are designed to align with horses' internal body clocks by providing consistent, circadian-supportive lighting—even when natural light is limited

or inaccessible.

The implications go beyond daily comfort. Stable lighting that aligns with circadian biology has been linked to improvements in coat condition, mood stability, and performance recovery. In breeding stock, proper light cycles can aid in reproductive timing, milk production, and foal development.

As equine management practices continue to evolve, attention to light exposure is becoming as critical as diet, turnout, and exercise. Whether managing competition horses or broodmares, experts say supporting consistent biological light cues can make a measurable difference in health and performance—regardless of the time of year.

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