

# TRACK YOUR CONDITIONS TO MANAGE HEAT STRESS



KemTRACE<sup>®</sup>  
**CHROMIUM**  
Essential to you and your operation.

SWINE TEMPERATURE-HUMIDITY INDEX (THI)

TEMPERATURE (°F)	HUMIDITY (%)																				
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
105																					
100																					
99																					
98																					
97																					
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80																					
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78																					
77																					
76																					
75																					

HUMAN HEAT INDEX

TEMPERATURE (°F)	HUMIDITY (%)																				
	40	45	50	55	60	65	70	75	80	85	90										
110																					
108																					
106																					
104																					
102																					
100																					
98																					
96																					
94																					
92																					
90																					
88																					
86																					
84																					
82																					
80																					

<b>EMERGENCY</b> > 84	Severe stress — life threatening conditions. Minimize handling stress, make water readily available and keep animals in good air circulation.
<b>DANGER</b> 79-83	Moderate to severe stress. Temperature and humidity readings in this range are not only dangerous to confined livestock, but there is a need to adopt additional measures to avoid severe losses. Danger for people depending on age, exposure and activity.
<b>ALERT</b> 75-78	Mild to moderate stress. Practice caution and heat abatement in this range, especially during handling, loading or before animals reach their destination. Caution for people depending on age, exposure and activity.
<b>MILD</b> 70-74	

## HOT TIPS TO ABATE HEAT:

### WATER

Make drinking water available in multiple locations in every pen. Ensure water is clean and palatable, which means cleaning waterers frequently.



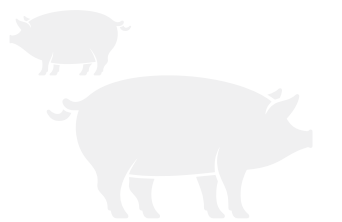
### FANS & SPRINKLERS

Keep additional methods of cooling, such as fans and sprinklers, accessible for all pigs, especially when space is tight.



### REDUCE PIG DENSITY

Reduce pig density by 5-10% during heat stress conditions.



[kemin.com/swineheatstress](https://kemin.com/swineheatstress)