

Managing Heat Stress

First Name:		Last Name:		
Email:			Veterinary Practice:	
Postcode:		Date:		

Please circle one answer only e.g. **A**

1. What is the normal body temperature of a cow?
35.8°C
36.6°C
37.8°C
38.8°C
39.4°C
2. How much heat does a lactating cow produce?
0.75 kW
0.9 kW
1.2 kW
1.4 kW
2.0 kW
3. What does THI stand for?
Thermal Humidity Index
Temperature Heat Index
The Humidity Index
The Heat Index
Temperature Humidity Index
4. What percentage of the ration should be fed at night when heat stress is likely?
30%
40%
50%
60%
70%
5. What minimum airflow can significantly reduce respiration rates in heat stressed cattle?
2 km/hr
5 km/hr
8 km/hr
10 km/hr
12 km/hr
6. How much warmer is it likely to be inside a well stocked cattle building than the outside ambient temperature?
1°C
5°C
8°C
10°C
12°C
7. How much more water do cows drink in hot weather?
0 – 10%
10 – 20%
20 – 30%
30 – 40%

40 – 50%

8. What is the typical level of solar radiation through a roof light?

650 W/m²

750 W/m²

850 W/m²

950 W/m²

1000 W/m²

9. When the temperature is above the Upper Critical Temperature, milk yield can typically fall by how much?

5%

10%

15%

20%

25%

10. When a cow is heat stressed her intake can fall by how much?

0 – 10%

0 – 20%

10 – 20%

10 – 30%

20 – 30%