



Supplementary Item 2:

Environmental data obtained from meteorological weather station (Sutton Bonnington University station, Location: 4507E 3259N)

Dates	Stage of study	Mean \pm s.d. daily temperature ($^{\circ}$ C)	Mean \pm s.d. daily relative humidity (%)	Mean \pm s.d. daily rainfall (mm)
24.08.09-30.08.09	All horses pastured prior to study	15.5 \pm 1.5	84.2 \pm 8.3	1.4 \pm 1.7
31.08.09-06.09.09	Group 1 and 2 pastured	14.9 \pm 2.2	82.0 \pm 5.4	2.2 \pm 3.4
07.09.09-13.09.09	Group 1 pastured, Group 2 stabled	14.7 \pm 2.7	82.2 \pm 3.7	0.2 \pm 0.5
14.09.09-20.09.09	Group 1 and 2 stabled	13.9 \pm 0.6	80.4 \pm 4.8	0.0 \pm 0.0
21.09.09-24.09.09	Group 2 stabled	14.0 \pm 1.3	82.2 \pm 4.2	0.0 \pm 0.0