LIST OF ABBREVIATIONS

% = percent

μg = micro-gram

?C = degree celcius

a.m. = ante meridian

ADF = Acid detergent fibre

ADG = Average daily gain

BCS = Body condition score

BGT = Black globe temperature

BT = Body temperature

cm = centimetre

Conc. = Meal concentrate

d = time in day

DBT = Dry bulb temperature

DE = Digestible energy

DLD = Department of Livestock

Development

DM = Dry matter

DP = Dew point

DS = Double Shade

ET = Environmental temperature

EVAP = Evaporative cooling system

FCM = 4% Fat-corrected milk

FSH = Follicle stimulating hormone

g = gramme

GnRH = Gonadotropin releasing hormone

h = time in hour

Hb = Haemoglobin

Ht = Haematocrit

HTC = Heat tolerance coefficient

IGF-1 = Insulin-like growth factor-1