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PLASMA METABOLITE AND HORMONE CONCENTRATIONS IN
FRIESIAN CALVES OF LOW OR HIGH GENETIC
MERIT :EFFECTS OF SEX AND AGE

A thesis presented in partial fulfilment of
the requirements for the degree of Master of
Agricultural Science in Animal Science
at Massey University

SEOK-HONG MIN

1990

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LIST OF ABBREVIATIONS

AI	artificial insemination
ANOVA	analysis of variance
BI	breeding index
BW	body weight
CS	creatinine space (%)
DM	dry matter
F	female
g	gram
GFR	glomerular filtration rate
IU	international unit
h	hour
HBI	high breeding index
IGF-1	insulin-like growth factor-1
K	fractional decay constant
KC	fractional decay constant for creatinine
kg	kilogram
KU	fractional decay constant for urea
lwt	liveweight
M	male
MANOVA	multivariate analysis of variance
ME	metabolisable energy
mg	milligram
MJ	megajoules
NEFA	non-esterified fatty acids
l	liter
ml	milliliter
mm	millimetre
mmol	millimole
ng	nanogram
P	probability
PRL	prolactin
r	correlation

r^2	coefficient of determination
RIA	radioimmunoassay
se	standard error
T ₃	triiodothyronine
T ₄	thyroxine
ueq	micro equivalents
US	urea space (%)

Levels of Statistical Significance

NS	P>0.10 (not significant)
+	0.10>P>0.05
*	0.05>P>0.01
**	0.01>P>0.001
***	0.001>P