

**STANDARD ABBREVIATIONS**

The following abbreviations should be used without definition in AZ; plural abbreviations do not require a final “s”.

<b>Item</b>	<b>Unit</b>
<i>Physical units</i>	
Bq	Becquerel
°C	degree Celsius
cal	Calorie
g	gram
ha	hectare
IU	international unit
J	Joule
L	liter
lx	lux
m	meter
<i>M</i>	molar (concentration)
mol	mole
<i>N</i>	normal (concentration)
rpm	revolutions/minute
t	metric ton (1,000 kg)
V	volt
W	watt
<i>Units of time</i>	
s	second(s)
min	minute(s)
h	hour(s)
d	day(s)
wk	week(s)
mo	month(s)
yr	year(s)
<i>Statistical symbols and abbreviations</i>	
ANOVA	analysis of variance
CV	coefficient of variation
df	degree(s) of freedom
<i>F</i>	<i>F</i> -distribution (variance ratio)
LSD	least significant difference
n	sample size
<i>P</i>	probability

r	simple correlation coefficient
r <sup>2</sup>	simple coefficient of determination
R	multiple correlation coefficient
R <sup>2</sup>	multiple coefficient of determination
s <sup>2</sup>	variance (sample)
SD	standard deviation (sample)
SE	standard error
SED	standard error of the differences of means
SEM	standard error of the mean
<i>t</i>	<i>t</i> - (or Student) distribution
μ	mean (population)
σ	standard deviation (population)
σ <sup>2</sup>	variance (population)
χ <sup>2</sup>	chi-squared distribution
<b><i>Other</i></b>	
AA	amino acid(s)
ACTH	adrenocorticotrophic hormone
ADF	acid detergent fiber
ADFI	average daily feed intake
ADG	average daily gain
ADIN	acid detergent insoluble nitrogen
ADL	acid detergent lignin
ADP	adenosine diphosphate
AI	artificial insemination
ATP	adenosine triphosphate
avg	average
BCS	body condition score
BLUP	best linear unbiased prediction
bp	base pair
BSA	bovine serum albumin
BTA	<i>Bos taurus</i> chromosome
BW	body weight (used for live weight)
cfu	colony-forming unit
CLA	conjugated linoleic acid
CoA	coenzyme A
CP	crude protein (N × 6.25)
DE	digestible energy
DFD	dark, firm, and dry (meat)
DM	dry matter
DMI	dry matter intake
DNA	deoxyribonucleic acid
EBV	estimated breeding value
EDTA	ethylenediaminetetraacetic acid
EFA	essential fatty acid

EIA	enzymeimmunoassay
ELISA	enzyme-linked immunosorbent assay
EPD	expected progeny difference
Eq.	equation(s)
FFA	free fatty acid(s)
FSH	follicle-stimulating hormone
FU <sub>meat</sub>	feed units (meat)
FU <sub>milk</sub>	feed units (milk)
GE	gross energy
G:F	gain-to-feed ratio
GLC	gas-liquid chromatography
GLM	general linear model
GnRH	gonadotropin-releasing hormone
GH	growth hormone
GHRH	growth hormone-releasing hormone
HCW	hot carcass weight
HPLC	high-performance (pressure) liquid chromatography
Ig	immunoglobulin
IDPN	intestinal digestible protein - nitrogen
IDPE	intestinal digestible protein - energy
IGF	insulin-like growth factor
IGFBP	insulin-like growth factor-binding protein(s)
IL	interleukin
IVDMD	in vitro dry matter disappearance
KPH	kidney, pelvic, heart fat
LD50	lethal dose 50%
LH	luteinizing hormone
LHRH	luteinizing hormone-releasing hormone
LM	longissimus muscle
ME	metabolizable energy
MP	metabolizable protein
mRNA	messenger ribonucleic acid
MUFA	monounsaturated fatty acid
NAD	nicotinamide adenine dinucleotide
NADH	reduced form of NAD
NDF	neutral detergent fiber
NDIN	neutral detergent insoluble nitrogen
NE	net energy
NE <sub>g</sub>	net energy for gain
NE <sub>l</sub>	net energy for lactation
NE <sub>m</sub>	net energy for maintenance
NEFA	nonesterified fatty acid
No.	number (use only in tables, not in the text)
NPN	nonprotein nitrogen
OM	organic matter

PAGE	polyacrylamide gel electrophoresis
PBS	phosphate-buffered saline
PCR	polymerase chain reaction
PG	Prostaglandin
PMSG	pregnant mare's serum gonadotropin
PPAR	peroxisome proliferator-activated receptor
PSE	pale, soft, and exudative (meat)
PUFA	polyunsaturated fatty acid(s)
QTL	quantitative trait locus (loci)
RDP	ruminally degradable protein
REML	restricted maximal likelihood
RFLP	restriction fragment length polymorphism
RIA	radioimmunoassay
RNA	ribonucleic acid
RQ	respiratory quotient
RUP	ruminally undegradable protein
rRNA	ribosomal ribonucleic acid
SAS	Statistical Analysis System
SFA	saturated fatty acid
SNP	single nucleotide polymorphism
ssp.	subspecies
ST	somatotropin
spp.	species
TDN	total digestible nutrients
TLC	thin layer chromatography
Tris	tris(hydroxymethyl)aminomethane
tRNA	transfer ribonucleic acid
TSAA	total sulfur amino acids
UV	ultraviolet
VFA	volatile fatty acid(s)
vol	Volume
vol/vol	volume/volume (used only in parentheses)
vs.	versus
wt	weight (use only in tables, not in the text)
wt/vol	weight/volume (used only in parentheses)
wt/wt	weight/weight (used only in parentheses)