



JOURNAL OF APPLIED POULTRY RESEARCH

An official journal of the [Poultry Science Association](#).

AUTHOR INFORMATION PACK

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Article:

Bagley, L. G., and V. L. Christensen. 1991. Hatchability and physiology of turkey embryos incubated at sea level with increased eggshell permeability. *Poult. Sci.* 70:1412-1418.

Bagley, L. G., V. L. Christensen, and R. P. Gildersleeve. 1990. Hematological indices of turkey embryos incubated at high altitude as affected by oxygen and shell permeability. *Poult. Sci.* 69:2035- 2039.

Witter, R. L., and I. M. Gimeno. 2006. Susceptibility of adult chickens, with and without prior vaccination, to challenge with Marek's disease virus. *Avian Dis.* 50:354-365. doi:10.1637/7498-010306R.1

Book:

Metcalfe, J., M. K. Stock, and R. L. Ingermann. 1984. The effects of oxygen on growth and development of the chick embryo. Pages 205- 219 in *Respiration and Metabolism of Embryonic Vertebrates*. R. S. Seymour, ed. Dr. W. Junk, Dordrecht, the Netherlands.

National Research Council. 1994. *Nutrient Requirements of Poultry*. 9th rev. ed. Natl. Acad. Press, Washington, DC.

Federal Register:

Department of Agriculture, Plant and Animal Health Inspection Service. 2004. Blood and tissue collection at slaughtering and rendering establishments, final rule. 9CFR part 71. *Fed. Regis.* 69:10137-10151.

Other:

Choct, M., and R. J. Hughes. 1996. Long-chain hydrocarbons as a marker for digestibility studies in poultry. *Proc. Aust. Poult. Sci. Symp.* 8:186. (Abstr.)

Dyro, F. M. 2005. Arsenic. WebMD. Accessed Feb. 2006. [http:// www.emedicine.com/neuro/topic20.htm](http://www.emedicine.com/neuro/topic20.htm).

El Halawani, M. E., and I. Rosenboim. 2004. Method to enhance reproductive performance in poultry. Univ. Minnesota, as- signee. US Pat. No. 6,766,767.

Hruby, M., J. C. Remus, and E. E. M. Pierson. 2004. Nutritional strategies to meet the challenge of feeding poultry without antibiotic growth promotants. *Proc. 2nd Mid-Atlantic Nutr. Conf., Timonium, MD. Univ. Maryland, College Park.*

Luzuriaga, D. A. 1999. Application of computer vision and electronic nose technologies for quality assessment of color and odor of shrimp and salmon. PhD Diss. Univ. Florida, Gainesville.

Peak, S. D., and J. Brake. 2000. The influence of feeding program on broiler breeder male mortality. *Poult. Sci.* 79(Suppl. 1):2. (Abstr.)

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The following abbreviations may be used without definition in *JAPR*:

ADF acid detergent fiber

ADFI average daily feed intake ADG average daily gain
AME apparent metabolizable energy
AMEn nitrogen-corrected apparent metabolizable energy
ANOVA analysis of variance
AOAC Association of Official Analytical Chemists
BSA bovine serum albumin
BW body weight
°C Celsius
cDNA complementary DNA
CF crude fiber
cfu colony-forming units (following a numeral)
CI confidence interval
CP crude protein
cpm counts per minute
CV coefficient of variation d day
df degrees of freedom
DM dry matter
DNA deoxyribonucleic acid
EDTA ethylenediaminetetraacetate
EE ether extract
ELISA enzyme-linked immunosorbent assay
°F Fahrenheit
FCR feed conversion ratio
FE feed efficiency
ft foot g gram
gal gallon
G:F gain-to-feed ratio
GLM general linear model
h hour
HEPES N-(2-hydroxyethyl)piperazine-N'-2-ethanesulfonic acid

HPLC high-performance (high-pressure) liquid chromatography

ICU international chick units

Ig immunoglobulin

IL interleukin

i.m. intramuscular

in. inch

i.p. intraperitoneal

IU international units

i.v. intravenous

kcal kilocalorie

L liter (also capitalized with any combination, e.g., mL)

lb pound

L:D hours of light:hours of darkness in a photoperiod

LSD least significant difference

m meter

μ micro

M molar

ME metabolizable energy

ME_n nitrogen-corrected metabolizable energy

MHC major histocompatibility complex

mRNA messenger ribonucleic acid min minute

mo month

MS mean squares

n number of observations

NADH reduced form of NAD

NDF neutral detergent fiber

NRC National Research Council

NS not significant

PBS phosphate-buffered saline

PCR polymerase chain reaction ppm parts per million

r correlation coefficient
r² coefficient of determination, simple
R² coefficient of determination, multiple
RH relative humidity
RIA radioimmunoassay
RNA ribonucleic acid
rpm revolutions per minute s second
SAS Statistical Analysis System
s.c. subcutaneous
SD standard deviation
SE standard error
SEM standard error of the mean
SNP single nucleotide polymorphism
SRBC sheep red blood cells
TBA thiobarbituric acid
T cell thymic-derived cell
TME true metabolizable energy
TME_n nitrogen-corrected true metabolizable energy
TSAA total sulfur amino acids
USDA United States Department of Agriculture
UV ultraviolet
vol/vol volume to volume
vs. versus
wt/vol weight to volume
wt/wt weight to weight
wk week
yr year

SNP Nomenclature

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