

## **PUBLICATIONS**

G.A. Gomes, V. Pirgozliev, P. Rose, **W. Mirza** and R.A.H.M. ten Doeschate (2016) Interactive effects of graded levels of phytase and decreasing dietary levels of avP on performance, bone parameters and litter moisture of broilers from 1 to 21d. PSA meeting in US

**W. Mirza**, V. Pirgozliev, S.P. Rose, H. Graham and M.R. Bedford (2015) Exogenous xylanase improves dietary metabolisable energy and nutrient digestibility when fed to chickens. International Poultry Scientific Forum, Atlanta, USA 2015 abstract

**W. Mirza**, V. Pirgozliev, S.P. Rose and M.R Bedford (2015) The effect of exogenous phytase and xylanase on dietary energy and nutrient digestibility for broiler chickens. International Poultry Scientific Forum, Atlanta, USA 2015 abstract

**W. Mirza**, V. Pirgozliev, S.P. Rose and M.R Bedford (2015) Interaction of exogenous phytase and xylanase on nutrient availability for broilers. WPSA, Chester, UK 2015 abstract

**W. Mirza**, V. Pirgozliev, S.P. Rose, H. Graham, H. Masey O'Neill, M. Bedford, E. Ball, J. George, J. Sloss (2015) The effect of quality characteristics of wheat on litter quality and hock burn when fed to broiler chickens. WPSA, Chester, UK 2015 abstract

V.Pirgozliev., I. Whiting., J. Wilson.,S. P. Rose., **M. W. Mirza** and A. M.Amerah (2015) Batch variability of wheat distillers dried grains with solubles (DDGS) on metabolisable energy and nutrient digestibility when fed to broilers. ESPN 2015 abstract

A. Sharpe., **M. W. Mirza**., I. Whiting., J. Wilson.,S. P. Rose and V.Pirgozliev (2015) Effect of storage on feeding value of wheat distillers dried grains with solubles (DDGS) for broiler chickens. ESPN 2015 abstract

V. Pirgozliev, I. Whiting, J. Wilson, S.P. Rose, **W. Mirza** and A. M. Amerah (2015) Energy utilisation and growth performance of broiler chickens fed diets containing six different wheat DDGS samples with and without enzyme supplementation. PSA Annual Meeting 2015 abstract

V. Pirgozliev, **W. Mirza**, and S.P. Rose (2015) Hard wheat instead of soft wheat in pelleted diets results in improved feed efficiency in broiler chickens. WPSA, Chester, UK 2015

G. Parkes, **M.W. Mirza**, S.P. Rose, V. Pirgozliev (2015) The influence of pelleting and heat treatment of diets on growth performance and digestive tract development of broilers. WPSA, Chester, UK 2015

**M.W. Mirza**., T.Acamovic and N. Sparks (2009) The effect of nutrient dilution in turkey diet on water intake and excretion. British Poultry Abstract, 5:32-33.

**M.W. Mirza**., T. Acamovic and N. Sparks (2010) The effect of turkey diet formulation on litter quality, in proceedings of 4th Turkey Science and Production Conference, pp 51-52, Macclesfield, UK.

**M.W. Mirza**., V. Pirgozlievand N. Sparks (2011) The effect of dietary crude protein and potassium on water intake and excretion by turkeys. British Poultry Abstract, pp 15.

**M.W. Mirza**., V. Pirgozliev and N. Sparks (2011) The effect of dietary nutrient density on litter quality in turkey production. British Poultry Abstract, pp 47.

**M.W. Mirza**., V. Pirgozliev and N. Sparks (2011) Diets based on different energy to protein concentrations: effects on nutrient digestibility, growth performance, litter quality and leg health in

turkey production, for proceedings of 5th Turkey Science and Production Conference, pp 63-65, Macclesfield, UK.

**M.W. Mirza**, V. Pirgozliev and N. Sparks (2011) Role of nutrition in litter condition in turkeys. The poultry site digital Featured article reviews. August 2011, pp 18-19. Available from: [www.thepoultrysite.com/digital-publication](http://www.thepoultrysite.com/digital-publication).

### **Full length papers**

V. Pirgozliev, **M.W. Mirza** and S.P. Rose (2016) Does the effect of pelleting depend on the wheat sample when fed to chickens? *Animal*, 10:4, pp 571–577. doi:10.1017/S1751731115002311

J. Abdulla, S.P. Rose, A.M. Mackenzie, **W. Mirza** & V. Pirgozliev (2016) Exogenous tannase improves feeding value of a diet containing field beans (*Vicia faba*) when fed to broilers. *British Poultry Science*, 57:2, 246-250. <http://dx.doi.org/10.1080/00071668.2016.1143551>

V. Pirgozliev, F. Karadas, S.P. Rose, A. Beccaccia, **M.W. Mirza** & A.M. Amerah (2015) Dietary xylanase increases hepatic vitamin E concentration of chickens fed wheat based diet. *Journal of Animal and Feed Sciences*, 24, 2015, 80–84.

V. Pirgozliev, D. Bravo, **M.W. Mirza** & S.P. Rose (2015) Growth performance and endogenous losses of broilers fed wheat based diets with and without essential oils and xylanase supplementation. *Poultry Science*, 94 (6): 1227-1232. doi: 10.3382/ps/peu017

V. Pirgozliev, I. Whiting, J. Wilson, S.P. Rose, **M.W. Mirza**, S. Ivanova, D. Kanev (2015) Nutrient availability of wheat distillers dried grains with solubles (ddgs) for broilers. *Zivotnovudni Nauki* 52: 17-24.