

## Publications List

### TECHNICAL PUBLICATIONS

Black, A.D. and O'Riordan, E.G. (2006). Effects of concentrate supplementation at pasture on carcass weight gain of bulls. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p55.

Childs, S., Sreenan, J.M., Earley, B., Twigge, J. and Kenny, D.A. (2006). Effects of dietary omega-3 fatty acid supplementation on haematological variables in cattle. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p121.

Costello, L.M., Diskin, M.G., Sreenan, J.M., Hynes, A.C. and Morris, D.G. (2006). Retinol-binding protein in the uterus and blood plasma of the cow. In: *Irish Network of Developmental Biologists*, 9<sup>th</sup> June, N.U.I.G, p4.

Cummins, B., O'Kiely, P., Keane, M.G. and O'Mara, F.P. (2006). Conservation characteristics of grass and dry beet pulp co-ensiled with different degrees of mixing. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p119.

Cummins, B., O'Mara, F.P., Keane, M.G. and O'Kiely, P. (2006). Interactions of breed type, silage digestibility and pattern of offering concentrates for intake performance and carcass traits of steers. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p54.

Drennan, M.J. (2006). Relationship between beef carcass classification grades with meat yield and value. In: *Irish Grassland and Animal Production Association Journal* 40, 35-43.

Drennan, M.J., McGee, M. and Cromie, A. (2006). Intake, growth, body composition and feed conversion efficiency in pedigree beef bulls differing in residual feed intake. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p102.

De Waal, D.T., Gray, J., Good, B., Murphy, T., Mulcahy, G. and Relf, V. (2006). Climate change and fascioliasis: what lies ahead?. In: *Abstracts in the Proceedings of the Association for Veterinary Teaching and Research Work*, Annual Conference, Scarborough, U.K., 10<sup>th</sup> April, p22.

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Hanrahan, J.P. (2006). Observations on variability in the weight of lamb carcasses at export abattoirs in Ireland. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p57.

Hanrahan, J.P. (2006). Observations on variation in weight and classification of carcasses from Irish lambs. *Irish Grassland Journal*, 40: 8-14.

Hanrahan, J.P. (2006). Galway Sheep Breed Improvement Programme – performance for sheep recorded during the 2005/2006 season.

Hanrahan, J.P. (2006). Report on Breeding Values for pedigree Belclare sheep – 2006.

Haycock, H.L., Hanrahan, J.P., Roche, J.F. and Crowe, M.A. (2006) Effects of GDF9 and BMP15 on follicle number and hormonal levels in anoestrous sheep. *Proceedings of the European Society for Domestic Animal Reproduction*, Slovenia, September.

Hickey, J.M., Keane, M.G., Brophy, P., Cromie, A.R. and Veerkamp, R.F. (2006). Genetic parameters for carcass traits within crossbred groups of cattle in Ireland. In: *Proceedings of the International Cattle Breeders Round Table*, 13 January, Milan, Italy, 6 pages.

Hickey, J.M., Keane, M.G., Brophy, P., Cromie, A.R. and Veerkamp, R.F. (2006). Genetic parameters for carcass traits within crossbred groups of cattle in Ireland. In: *Proceedings of the Agricultural Research Forum*, 14-15 March, Tullamore, p82.

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Howard, H., O'Kiely, P., Pahlow, G. and O'Mara, F.P. (2006). Perennial ryegrasses bred for contrasting sugar contents: manipulating fermentation and aerobic stability of wilted silage using additives. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p76.

Howard, H., O'Kiely, P., Pahlow, G. and O'Mara, F.P. (2006). Perennial ryegrasses bred for contrasting sugar contents: manipulating fermentation and aerobic stability of unwilted silage using additives. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p120.

Keady, T., Hanrahan, J.P. and Flanagan, J.P. (2006). The effects of flock management during mid and late pregnancy on lamb birth weight and subsequent performance. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p58.

Keady, T. (2006). Ensiled maize and whole crop wheat forages for dairy cows and beef cattle. In: *Proceedings of Svensk mjolk, Skovde, Sweden*, 23<sup>rd</sup> August, p7-14.

Keane, M.G. (2006). The Irish Cattle Industry-Description and Financial Performance. In: *Meeting of EAAP Cattle Network*, 18 November, Rome, Italy, 10 pages.

Keane, M.G. (2006). Cattle Systems Analysis and Management Budgeting. In: *Meeting of EAAP Cattle Network*, 18 November, Rome, Italy, 9 pages.

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Keane, M.G. (2006). Beef production from Holstein-Friesian, Montbeliarde and Norwegian Red young bulls. In: *Proceedings of European Association for Animal Production Meeting*, 17 September, Antalya, Turkey, Paper C33.52.

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Kelly, P., Good, B., Hanrahan, J.P., de Waal, D.T. and Mulcahy, G. (2006). Effect of nematophagous fungi on *Teladorsagia circumcincta* eggs in ovine faeces. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p27.

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Moloney, A.P. and Drennan, M.J. (2006). The influence of calf birth-weight on selected beef quality characteristics. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p104.

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- Moloney, A.P., French, P., Rogalski, J., Moreno, T. and Dunne, P.G. (2006). Characteristics of two muscles from cattle accommodated on an out-wintering pad or indoors on concrete slats or straw. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p68.
- Morris, D.G. (2006). Progesterone and Embryo Survival. *Tresearch* 1(1); 22-25
- Morris, D.G., McCarthy, S.D., Diskin, M.G., Kenny, D., Patton, J., Murphy, J, Fenwick, M., Wathes, D.C., Sreenan, J.M. and Fitzpatrick, R. (2006). Pleiotropic effects of negative energy balance on hepatic gene expression in the dairy cow. *EMBO Advanced practical course on analysis and informatics of gene expression*. EBI Sanger Centre, UK.
- McCarthy, S.D., Morris, D.G., Diskin, M.G., Kenny, D., Murphy, J, Sreenan, J.M. and Fitzpatrick, R. (2006). Energy balance effects on hepatic gene expression in high yielding dairy cows during the early postpartum interval. In: *Proceedings of 8th Irish Network of Developmental Biologists*, 2 February, National University of Ireland, p9.
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- McCarthy, S.D., Morris, D.G., Diskin, M.G., Kenny, D., Patton, J., Murphy, J, Fenwick, M., Wathes, D.C., Sreenan, J.M. and Fitzpatrick, R. (2006). Energy balance effects on hepatic gene expression in high yielding yielding dairy cows during the early postpartum interval. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p29.
- McEniry, J., O'Kiely, P., Clipson, N.J.W., Forristal, P.D. and Doyle, E.M. (2006). The microbiological and chemical composition of silage over the course of fermentation in round bales relative to that of comparable precision-chop silage. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p74.
- McEniry, J., O'Kiely, P., Clipson, N.J.W., Forristal, P.D. and Doyle, E.M. (2006). Bacterial community changes in silage over the course of fermentation in round bales relative to that of comparable precision-chop silage. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p118.
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- McGee, M., O'Kiely, P. and O'Riordan, E.G. (2006). Intake, growth, carcass traits and plasma metabolites in finishing steers offered contrasting concentrate energy sources at two feeding levels. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p101.
- Norton, T., Grant, J., Fallon, R.J. and Sun, D.W. (2006). Towards an optimally ventilated calf house (b) isothermal optimisation with computational fluid dynamics. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p78.
- Norton, T., Grant, J., Fallon, R.J. and Sun, S.W. (2006). Optimal design of a naturally ventilated calf house: isothermal optimisation with computational fluid dynamics (CFD). In: *Biosystems Engineering Research Review II*, 1<sup>st</sup> May, UCD, Dublin, p156-158.
- Norton, T., Grant, T., Fallon, R.J. and Sun, D.W. (2006). Towards an optimally ventilated calf house (a) pre-design evaluation. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p72.

- Owens, D., McGee, M., O'Kiely, P. and O'Mara, F.P. (2006). Feed intake, rumen fermentation and plasma metabolites in beef cattle fed grass silage supplemented with concentrate or sucrose. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p53.
- O'Brien, M., O'Kiely, P., Forristal, P.D. and Fuller, H. (2006). Quantification and identification of fungal propagules in bales of grass silage produced using standard farm procedures. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p117.
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- O'Kiely, P., Conaghan, P., Howard, H., Moloney, A.P. and Black, A. (2006). Grazing and ensiling energy-rich grasses with elevated sugar contents for the sustainable production of ruminant livestock (Acronym: Sweetgrass). *Teagasc, Beef Production Series No. 80*, 62p.
- O'Kiely, P., O'Riordan, E.G. and Black, A.D. (2006). Red clover for silage: management impacts on yield during the third year after sowing. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p75.
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- O'Kiely, P. (2006). Alternative forages to grass for ensilage and as feeds for beef cattle. In: *IGA Beef Conference*, 14 pp.
- Pang, W.Y., Earley, B., Sweeney, T. and Crowe, M.A. (2006). Effects of banding or burdizzo castration of bulls with or without carprofen administration on inflammatory cytokine gene expression in peripheral leukocytes. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p93.
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- Ryan, R., Scully, H. and Purcell, P.J. (2006). Development of a predictive model to estimate sealing of soils by suspensions. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p7.
- Sayers, G., Good, B., Hanrahan, J.P., Mulcahy, G. and Sweeney, T. (2006). Influence of the MHC DRB1 and INF $\gamma$  gene loci on resistance to nematode infection within and between sheep breeds. In: *Proceedings of the Association for Veterinary Teaching and Research Work*, Annual Conference, Scarborough, U.K, 10<sup>th</sup> April, p30.
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- Walsh, K., O'Kiely, P. and O'Mara, F.P. (2006). Intake and performance of beef cattle offered conserved whole-crop wheat and barley harvested at two cutting heights relative to maize silage and *ad libitum* concentrates. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p52.

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Walsh M. (2006). Exclusion of grazing for thirteen years on a western hill sheep farm. In: *Proceedings of the Agricultural Research Forum*, 15-16 March, Tullamore, p49.

Walsh, M. (2006). The impact of sheep grazing on the hill and mountain landscape in western Ireland: The Role of GPS *Where are we with GPS?: Workshop on using GPS in livestock and wildlife research*, Scottish Agricultural College, Auchincruive, UK. October. (Proceedings on CD).

Waters, S., Childs, S., Sreenan, J.M., Hennessy, A.A., Stanton, C. and Kenny, D.A. (2006). Effect of dietary omega-3 PUFA polyunsaturated fatty acids on uterine endometrial gene expression in cattle. In: *6th ARK Genomics Farm Animal Functional Genomics Workshop*, Poster No. 4.

Waters, S., Childs, S., Sreenan, J.M., Hennessy, A.A., Stanton, C. and Kenny, D.A. (2006). Uterine gene expression of cows with high and low polyunsaturated fatty acid concentrations. In: *Proceedings of the 8th Meeting of the Irish Network of Development Biologists*. NUI Galway, 9<sup>th</sup> June, Abstract 9.

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Waters, S.M., Kelly, J., O'Boyle, P., Moloney, A.P. and Kenny, D.A. (2006). Effect of supplementation inclusion of w-3 PUFA on  $\Delta$ -9 desaturase gene expression in muscle of beef cattle. (Abstract) *Proceedings of 6<sup>th</sup> ARK Genomics Farm Animal Functional Genomics Workshop*, Cambridge, p5.

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Williams, B., Walsh, M. and Gormally, M. (2006). Using GPS to investigate habitat preferences of Scottish Blackface hill sheep. *Where are we with GPS?: Workshop on using GPS in livestock and wildlife research*, Scottish Agricultural College, Auchincruive, UK. October. (Proceedings on CD).