

## Author index

- Agnew, M. 83  
Allataifeh, N. 347  
Amer, P. R. 133  
Anwar, M. R. 147  
Auldist, M. J. 9
- Barnett, J. W. 147  
Barrell, G. K. 1  
Bell, N. L. 141  
Bluett, S. J. 9  
Bolan, N. S. 155  
Bourdôt, G. W. 295  
Burggraaf, V. T. 15  
Butler, R. C. 215
- Cameron, K. C. 147  
Carey, P. L. 185, 199, 329  
Castle, M. L. 31  
Claydon, R. B. 49, 53, 355  
Cornforth, I. 67  
Crone, D. J. 295
- Davis, K. L. 97, 311  
Davis, S. R. 9  
Death, A. F. 83  
Di, H. J. 147  
Ding, L. 175  
Dong, S. 175  
Donnison, A. 255  
Drew, K. R. 133
- Edmeades, D. C. 37  
Eerens, J. P. J. 305
- Farr, V. C. 9  
Francis, G. S. 215
- González, E. 117  
Grace, N. D. 279  
Güçlü, S. 271  
Gültekin, L. 271  
Guo, Z. 123
- Haliloğlu, K. 27  
Hardwick, S. 305  
Hawke, R. 339
- Hedley, M. J. 279  
Hooper, R. J. 15  
Hu, Z. 175  
Hume, D. E. 311
- Keogh, R. G. 49, 53, 57  
Kilpatrick, D. J. 69  
Knight, T. W. 83  
Knowles, S. 83  
Kolver, E. S. 9
- Lavery, N. P. 69  
Lee, R. 155  
Li, Y. 263  
Liang, T. 123  
Littlejohn, R. P. 287  
Loganathan, P. 279  
Long, R. 175  
Lucas, R. J. 105
- Magesan, G. N. 155  
Matthew, C. 165  
Maurenbrecher, S. 1  
McDowell, R. W. 239, 329  
McNeil, D. L. 105  
Metherell, A. K. 185, 199  
Miller, J. E. 49, 57, 61, 65, 355  
Monaghan, R. M. 225, 239, 329  
Moot, D. J. 105  
Morris, C. A. 83  
Morton, J. 239
- Nikulina, O. N. 271
- O'Connor, M. B. 37  
Oliveira, J. A. 117
- Pearse, A. J. T. 133, 287  
Peri, P. L. 105  
Pollard, J. C. 287  
Popay, A. J. 311  
Porter, M. G. 69  
Purchas, R. W. 83
- Roberts, A. H. C. 277  
Ross, C. 255

- Rottinghaus, G. E. 117  
Rowarth, J. S. 31, 165  
Rumball, W. 49, 53, 57, 61, 65, 355  
Russell, J. M. 147
- Sağsöz, S. 27  
Samarah, N. H. 347  
Sano, H. 169  
Saville, D. J. 295  
Shackell, G. H. 133  
Shen, Y. Y. 263  
Shiga, A. 169  
Skipp, R. A. 53  
Smith, L. C. 225  
Steen, R. W. J. 69  
Su, Y. Z. 321  
Summers, S. A. 339
- Tamura, Y. 169  
Tapper, B. A. 9, 311  
Taşpınar, M. S. 27
- Tawaha, A. R. M. 347  
Thom, E. R. 9, 15  
Tosun, M. 27  
Tregurtha, C. S. 215  
Trimmer, L. A. 215  
Turk, M. 347
- Wallace, G. C. 279  
Watts, R. J. 15  
West, J. 83  
Williams, P. H. 215  
Willoughby, B. E. 141
- Xu, M. 175
- Yan, S. G. 263
- Zhang, Z. 123  
Zhang, T. H. 321  
Zhao, H. L. 321

## Subject index

- adsorption 155  
*Agropyron cristatum* 175  
alkaloids 311  
allophanic soils 155  
aneuploidy 27  
animal welfare 287  
Argentine stem weevil 311  
atrazine 155
- Bromus catharticus* 61, 65  
*Bromus inermis* 175  
biological control 141  
beef cattle 83  
    diet 69  
    carcass composition 69  
    breeding season 1  
buttercup, giant 295
- Campylobacter jejuni* 255  
carbon sequestration 321  
chicory 49, 53  
*Chichorium intybus* 49, 53  
*Clinelymus nutans* 175  
clover root weevil 305  
cost-benefit analysis 133  
calving patterns 97  
cocksfoot 105  
controlled breeding programmes 97
- Dactylis glomerata* 105, 169  
dairy cattle 9  
dairy factory effluent 147  
deer 287
- Elymus nutans* 175  
endophyte 9, 117, 311  
ergovaline 9, 117  
erratum 359  
ESP value 147  
eutrophication 239
- farm dairy effluent 255, 339  
fatty acids 69, 83  
fertilisers 215, 329  
fluorine 279
- germination 263, 347  
gestation length 97  
grassland  
    classification management 123  
    conservation 123  
grazing management 321  
groundwater 215
- human health 83, 255  
hybridisation 133  
hydraulic conductivity 147
- insulin 169
- Larinus latus* 271  
leaching 215  
*Listronotus bonariensis* 311  
lolitrem B 117  
*Lolium perenne* 9, 15, 31, 117  
lucerne flea 141
- modelling 105
- Neotyphodium* spp. 311  
*Neotyphodium lolii* 9, 117  
nitrate 215  
nitrate reductase 31  
nitrogen 225
- omega-3 fatty acids 69  
*Onopordum bracteatum* 271  
overland flow 225, 239, 329
- pasture 225  
    species 175  
    sodium requirements 37  
    yields 175  
phosphorus 155, 225, 239, 329  
photosynthesis 105  
*Plantago lanceolata* 16  
ploidy 311  
potassium 185, 199  
prairie grass 61, 65  
prolactin 9
- Ranunculus acris* 295

- reactive phosphate rock (RPR) 329
- red clover 57, 355
- research
  - cost-benefit analysis 133
- ryegrass 9, 117, 31, 311
  - pulling 15
  - tillering 15
- salinity 147, 263
- salt tolerance 263
- sheep
  - breeding season 1
  - cold stress 169
  - fluorine intake 279
  - thyroid hormones 1
- shelter 287
- Sitona lepidus* 305
- Sminthurus viridis* 141
- sodium 37
- sodium tetraphenyl-boron 185, 199
- soil testing
  - potassium 185, 199
- stomatal conductance 105
- superphosphate 329
- thyroid gland 1
- Tibetan Plateau 17
- Trifolium pratense* 57, 355
- Trifolium repens* 31
- triticale 27
- vetch, bitter 347
- Vicia ervilia* 347
- wapiti 133
- water quality 239
- weeds 295
- white clover 31