

Publication list Beat Reidy

I. Peer reviewed articles

1. Reidy, B., J. Webb, T. H. Misselbrook, H. Menzi, H. H. Luesink, N. J. Hutchings, B. Eurich-Menden, H. Dohler and U. Dammgen (2009). "Comparison of models used for national agricultural ammonia emission inventories in Europe: Litter-based manure systems." *Atmospheric Environment* **43**(9): 1632-1640.
2. Reidy, B., U. Dammgen, H. Dohler, B. Eurich-Menden, F. K. van Evert, N. J. Hutchings, H. H. Luesink, H. Menzi, T. H. Misselbrook, G. J. Monteny and J. Webb (2008). "Comparison of models used for national agricultural ammonia emission inventories in Europe: Liquid manure systems." *Atmospheric Environment* **42**(14): 3452-3464.
3. Reidy, B., B. Rhim and H. Menzi (2008). "A new Swiss inventory of ammonia emissions from agriculture based on a survey on farm and manure management and farm-specific model calculations." *Atmospheric Environment* **42**(14): 3266-3276.
4. Muller, B., G. Bourdais, B. Reidy, C. Bencivenni, A. Massonneau, P. Condamine, G. Rolland, G. Conejero, P. Rogowsky and F. Tardieu (2007). "Association of specific expansins with growth in Maize leaves is maintained under environmental, genetic, and developmental sources of variation." *Plant Physiology* **143**(1): 278-290.
5. Reidy, B. and H. Menzi (2007). "Assessment of the ammonia abatement potential of different geographical regions and altitudinal zones based on a large-scale farm and manure management survey." *Biosystems Engineering* **97**(4): 520-531.
6. Voisin, A. S., B. Reidy, B. Parent, G. Rolland, E. Redondo, D. Gerentes, F. Tardieu and B. Muller (2006). "Are ABA, ethylene or their interaction involved in the response of leaf growth to soil water deficit? An analysis using naturally occurring variation or genetic transformation of ABA production in maize." *Plant Cell and Environment* **29**(9): 1829-1840.
7. Carlen, C., R. Kolliker, B. Reidy, A. Luscher and J. Nosberger (2002). "Effect of season and cutting frequency on root and shoot competition between *Festuca pratensis* and *Dactylis glomerata*." *Grass and Forage Science* **57**(3): 247-254.
8. Reidy, B., S. McQueen-Mason, J. Nosberger and A. Fleming (2001). "Differential expression of alpha- and beta-expansin genes in the elongating leaf of *Festuca pratensis*." *Plant Molecular Biology* **46**(4): 491-504.
9. Reidy, B., J. Nosberger and A. Fleming (2001). "Differential expression of XET-related genes in the leaf elongation zone of *F. pratensis*." *Journal of Experimental Botany* **52**(362): 1847-1856.
10. Curioni, P. M. G., B. Reidy, T. Flura, R. Vogeli-Lange, J. Nosberger and U. A. Hartwig (2000). "Increased abundance of MTD1 and MTD2 mRNAs in nodules of decapitated *Medicago truncatula*." *Plant Molecular Biology* **44**(4): 477-485.
11. Kolliker, R., F. J. Stadelmann, B. Reidy and J. Nosberger (1999). "Genetic variability of forage grass cultivars: A comparison of *Festuca pratensis* Huds., *Lolium perenne* L., and *Dactylis glomerata* L." *Euphytica* **106**(3): 261-270.
12. Kolliker, R., F. J. Stadelmann, B. Reidy and J. Nosberger (1998). "Fertilization and defoliation frequency affect genetic diversity of *Festuca pratensis* Huds. in permanent grasslands." *Molecular Ecology* **7**(11): 1557-1567.
13. Bell, A. A., L. Liu, B. Reidy, R. M. Davis and K. V. Subbarao (1998). "Mechanisms of subsurface drip irrigation-mediated suppression of lettuce drop caused by *Sclerotinia minor*." *Phytopathology* **88**(3): 252-259.

II. Contributions to books

1. Reidy, B., P. Thomet (2013). Grass-legume mixtures: A valuable resource for grassland based milk production. In: Cool forage. Sustainable management of temperate forages. Eds. S. Bittmans et al. (*in press*)
2. Erisman, J. W., A. Bleeker, A. Neftel, V. Aneja, N. Hutchings, L. Kinsella, Y. S. Tang, J. Webb, M. Sponar, C. Raes, M. Mitosinkova, S. Vidic, H. V. Andersen, Z. Klimont, R. Pinder, S. Baker, B. Reidy, C. Flechard, L. Horvath, A. Lewandowska, C. Gillespie, M. Wallasch, R. Gehrig and T. Ellerman (2009). Detecting Change in Atmospheric Ammonia Following Emission Changes. In: Atmospheric Ammonia: Detecting emission changes and environmental impacts. Mark, S., Reis, S., Baker, S. (Eds.). Springer, 2009.
3. Webb, J., N. J. Hutchings, S. Bittman, S. M. H. Baker, B. Reidy, C. Raes, K. Smith, J. Ayres and T. Misselbrook (2009). Reliability of Ammonia Emission Estimates and Abatement Efficiencies. In: Atmospheric Ammonia: Detecting emission changes and environmental impacts. Mark, S., Reis, S., Baker, S. (Eds.). Springer, 2009.

III. Other scientific relevant publications

1. Menzi H., Reidy B., Richner W. and Stadelmann F.X., 2006. Ammonia emissions from agriculture – changing perception and research priorities in time: case study Switzerland. In: Greenhouse Gases and Animal Agriculture: An Update . Soliva, C.R., Takahashi, J., Kreuzer, M., (Eds.). International Congress Series 1293, Elsevier.
2. Bourdais, G., C. Bencivenni, G. Rolland, B. Reidy, A. Massonneau, F. Tardieu and B. Muller (2005). "Expansins and the control of maize leaf expansion: quantitative analysis of expansion and gene expression combining several sources of variability." Comparative Biochemistry and Physiology a-Molecular & Integrative Physiology **141**(3): S313-S313.
3. Reidy, B., L. Ruettimann, H. Menzi (2005). DYNAMO: An empirical model for the calculation of ammonia emissions of farms and regions. Emissions from European agriculture. Eds. T. Kuczynski et al.
4. Reidy, B., L. Ruettimann, H. Menzi (2005). DYNAMO: An empirical model for the calculation of ammonia emissions of farms and regions. In: Emissions from European agriculture. Eds. T. Kuczynski, U. Daemmgen, J. Webb and A. Myczko.
5. Menzi, H., B. Reidy (2005). Ammonia emission inventory and emission abatement potential assesment for Switzerland. In: Emissions from European agriculture. Eds. T. Kuczynski, U. Daemmgen, J. Webb and A. Myczko.
6. Reidy B., Uebersax A. and Menzi H., (2005). Nitrogen and phosphate surpluses before and after the introduction of a new agricultural policy in Switzerland. In Schröder J.J. and Neeteson J.J. (Eds): Proc. 14th N Workshop: N management in agroecosystems in relation to the Water Frame-work Directive. Maastricht, the Netherlands, October 24-26, 2005, 98-100