

David Parsons Journal Publications – June 2016

1. McRoberts KC, Ketterings QM, Parsons D, Hai TT, Quan NH, Ba NX, et al. Impact of Forage Fertilization with Urea and Composted Cattle Manure on Soil Fertility in Sandy Soils of South-Central Vietnam. *International Journal of Agronomy*. 2016;2016(Article ID 4709024):14.
2. McRoberts KC, Benson BM, Mudrak EL, Parsons D, Cherney DJR. Application of local binary patterns in digital images to estimate botanical composition in mixed alfalfa–grass fields. *Computers and Electronics in Agriculture*. 2016;123:95-103.
3. Lucas PG, Horton BJ, Parsons D, Carew AL. A regional model of sheep lice to study the effect on lice prevalence and costs for Australian farms using a range of treatment efficacy in combination with other lice control strategies. *Animal Production Science*. 2016;In Press.
4. Lucas PG, Horton BJ, Parsons D, Carew AL. A regional model of sheep lice management practices to examine the impact of managing straying sheep combined with other management choices. *Animal Production Science*. 2016;In Press.
5. de M. Carvalho MT, Madari BE, Bastiaans L, van Oort PAJ, de O. Leal WG, Heinemann AB, et al. Properties of a clay soil from 1.5 to 3.5 years after biochar application and the impact on rice yield. *Geoderma*. 2016;276:7-18.
6. Rao VN, Meinke H, Craufurd PQ, Parsons D, Kropff MJ, Anten NPR, et al. Strategic double cropping on Vertisols: a viable rainfed cropping option in the Indian SAT to increase productivity and reduce risk. *European Journal of Agronomy*. 2015;62:26-37.
7. Quang DV, Ba NX, Doyle P, Hai DV, Lane PA, Malau-Aduli AEO, et al. Effect of concentrate supplementation on nutrient digestibility and growth of Brahman crossbred cattle fed a basal diet of grass and rice straw. *Journal of Animal Science and Technology*. 2015;57:1-8.
8. Phelan D, Harrison MT, Kemmerer EP, Parsons D. Management opportunities for boosting productivity of cool-temperate dairy farms under climate change. *Crop Pasture Sci*. 2015;138:46-54.
9. Malebana IMM, Cherney DJR, Parsons D, Cox WJ. Corn silage analysis as influenced by sample size collected. *Anim Feed Sci Technol*. 2015;210:17-25.
10. Casanova-Lugo F, Ramírez-Aviles L, Parsons D, Caamal-Maldonado A, Pineiro-Vazquez AT. The tropical agroforestry systems: an analysis of major environmental benefits. *Revista Chapingo Serie Ciencias Forestales y del Ambiente*. 2015;In press.
11. Ba NX, Dung DX, Mui NT, Van NH, Son PH, Mai HT, et al. Cow-calf production systems in households in Vietnam South Central Coastal Region. *Science and Technology Journal of Agriculture and Rural Development*. 2015;21:109-17.
12. van Wijk MT, Rufino MC, Enahoro D, Parsons D, Silvestri S, Valdivia RO, et al. Farm household models to analyse food security in a changing climate: a review. *Global Food Security*. 2014;3(2):77-84.
13. Rao VN, Sastry RK, Craufurd P, Meinke H, Parsons D, Rego TJ, et al. Cropping systems strategy for effective management of Fusarium wilt in safflower. *Field Crop Res*. 2014;156:191-8.
14. Quan NH, Lane PA, Van NH, Parsons D, Ba NX, Malau-Aduli AEO. Productive performance, rumen volatile fatty acid profile and plasma metabolites of concentrate-supplemented Bach Thao goats in Vietnam. *Journal of Animal and Veterinary Advances*. 2014;In Press.
15. Phelan DC, Parsons D, Lisson SN, Holz GK, MacLeod ND. Beneficial impacts of climate change on pastoral and broadacre agriculture in cool-temperate Tasmania. *Crop Pasture Sci*. 2014;65(2):194-205.
16. Parsons D, Peterson PR, Cherney JH. Estimation of nutritive value of spring alfalfa-grass mixtures using in-field measurements and growing degree data. *Forage and Grazinglands*. 2014;Online.
17. Casanova-Lugo F, Petit-Aldana J, Solorio-Sanchez FJ, Parsons D, Ramirez-Aviles L. Forage yield and quality of *Leucaena leucocephala* and *Guazuma ulmifolia* in mixed and pure fodder banks systems in Yucatan, Mexico.

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18. Ba NX, Van NH, Scandrett J, Vy LV, Tung HV, Nghi NT, et al. Improved forage varieties for smallholder cattle farmers in South Central Coastal Vietnam. *Livestock Research for Rural Development*. 2014;26(9).
 19. Ba NX, Lane PA, Parsons D, Van NH, Khanh HLP, Corfield JP, et al. Forages improve livelihoods of smallholder farmers with beef cattle in South Central Coastal Vietnam. *Trop Grassl*. 2014;1:225-9.
 20. Pirie A, Parsons D, Renggli J, Narkowicz C, Jacobson GA, Shabala S. Modulation of flavonoid and tannin production of *Carpobrotus rossii* by environmental conditions. *Environ Exp Bot*. 2013;87:19-31.
 21. Parsons D, Lane PA, Ngoan LD, Ba NX, Tuan DT, Van NH, et al. Current situation of cattle production systems in south central coastal Vietnam. *Livestock Research for Rural Development* 2013;25(2).
 22. Ba NX, Van NH, Tuan DT, Ngoan LD, Scandrett J, Parsons D, et al. Productivity, quality, and chemical composition of forage varieties grown in South Central Coastal Vietnam. *Journal of Animal Husbandry and Technics* 2013;167:56-64.
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 25. Parsons D, McRoberts KC, Cherney JH, Cherney DJR, Bosworth SC, Jimenez-Serrano FR. Preharvest Neutral Detergent Fiber Concentration of Temperate Perennial Grasses as Influenced by Stubble Height. *Crop Sci*. 2012;52(2):923-31.
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 30. Parsons D, Nicholson CF, Blake RW, Ketterings QM, Ramirez-Aviles L, Cherney JH, et al. Application of a simulation model for assessing integration of smallholder shifting cultivation and sheep production in Yucatan, Mexico. *Agric Syst*. 2011;104(1):13-9.
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 32. Cherney JH, Parsons D, Cherney DJR. A Method for Forage Yield and Quality Assessment of Tall Fescue Cultivars in the Spring. *Crop Sci*. 2011;51(6):2878-85.
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38. Parsons D, Cherney JH, Gauch HGJ. Alfalfa fiber estimation in mixed stands and its relationship to plant morphology. *Crop Sci*. 2006;46(6):2446-52.