

## Sanderson - PUBLICATIONS 1994 - 2004

### BOOKS/BOOK CHAPTERS

**Sanderson, R.**, 2000. Insecticide Classifications and Modes of Action. USDA Advanced Pesticide Management Training Manual. Module I Sect 4.

**Sanderson, R.**, 2000. Equipment for Pest Management Efficacy and Application. USDA Advanced Pesticide Management Training Manual. Module I Sect 10.

**Sanderson, R.**, 1999 Insecticide Classifications and Modes of Action. USDA Advanced Pesticide Management Training Manual. Module I Sect 4.

**Sanderson, R.**, 1999 Equipment for Pest Management Efficacy and Application. USDA Advanced Pesticide Management Training Manual. Module I Sect 10.

**Sanderson, R.**, and E.W. Huddleston. 1996. Factors affecting application and chemical deposition. In: Grasshopper IPM User Handbook and USDA/APHIS Tech Bull 1809, II, 7.1-7.4.

Huddleston, E.W., **R. Sanderson** and J.B Ross. 1996. Ground equipment for hot-spot treatment. In: Grasshopper IPM User Handbook. USDA/APHIS Tech Bull 1809, II, 9.1-9.2.

### JOURNAL ARTICLES

El-Sebai, O., **R. Sanderson**, M. Bleiweiss and N Schmidt. Detection of Grain Moth *Sitotroga cerealella* (Olivier) Internal Infestation in Wheat Kernels Using Hyperspectral Reflectance Data Journal of Economic Entomology. (submitted)

Creamer, R., S. Sanogo, O. El-Sebai, J. Carpenter, and **R. Sanderson**. 2005 Kaolin-based Foliar reflectance affects physiology, incidence of beet curly top virus, but not yield of chile pepper. HortScience In press

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**Sanderson, R.**; Hewitt, A.J.; Huddleston, E.W.; Ross J.B. 1997 Relative Drift Potential and Droplet Size of Propanil Formulations. Crop Protection Vol 16, No 8, pp717-721.

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**Sanderson, R.**, Hewitt, A.J., Huddleston, E.W., Ross J.B. 1994 Polymer and invert emulsifying oil effects upon droplet size spectra. *Journal of Environmental Science and Health*. B29:815-829.

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Hewitt, A.J., Robinson, A., **Sanderson, R.** and Huddleston, E.W. 1994 Comparison of the Droplet Size Spectra Produced By Rotary Atomizers and Hydraulic Nozzles Under Simulated Aerial Application Conditions. *Journal of Environmental Science and Health*. B29:647-660.

#### PROCEEDINGS/ABSTRACTS

Johnson, D., **R. Sanderson**, T. Sterling, V. Gutschick, T. Sammis, S. El-Sebai and H. Ratnayaka. 2004 Prediction of Water Stress in Pecan Orchards with Remote Sensing. *Proceedings, 38<sup>th</sup> Western pecan Conference*. pp60-65

Fiore, C., J. Schroeder, **R. Sanderson**, A. Ulery, L. Murray, L. DeMouche, S. Schuster. 2004. Can soil characteristics be used to predict weed species along the irrigation canals in southern New Mexico? *Proceedings, Western Society of Weed Science 57:36-37*.

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#### EXPERIMENT STATION BULLETINS/REPORTS

**Sanderson**, Bleiweiss, Miller, Sammis, and Sterling. 2003 Decision support tools for Water Conservation in the Rio Grande Valley: Remote Sensing in Irrigation Management. In: Efficient Irrigation For Water Conservation. Report 1. pp 63-68

#### MISCELLANEOUS

Johnson, D., **R. Sanderson**, T. Sterling, V. Gutschick, T. Sammis, O. El-Sebai and H. Ratnayaka. Remote Sensing Technology for Crop and Pest Management. 2004 Academic Field Day Research Report. Pp 51-52

Matthews G.A., P.A. Oomen, **R. Sanderson** and R. Peveling. 1999. Evaluation of field trial data on the effectiveness of insecticides to locusts and grasshoppers. FAO Report, Pesticide Referee Group

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