

**Current and Planned RESEARCH Activities
in the Area of Pesticide Spray/Dust Drift
for inclusion on www.oecd.org/env/spraydrift**

Information provided by: Greg Kruger

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Title of research project/activity	University of Nebraska-Lincoln: West Central Research and Extension Center Pesticide Application Technology Research and Extension
Area of work (predictive models; field or wind tunnel research, etc.)	Wind tunnel research High speed videography Field research Application technology extension
Summary description of project/work (please write about a 5-10 line summary)	We are currently constructing a high speed and low speed wind tunnel to complement the field and laboratory research efforts we are currently conducting. The focus of our work is connecting the pesticide application parameters to biological efficacy. The wind tunnels will give us the resources needed to start to piece together the ideal pesticide applications where efficacy is maximized as much as possible under conditions where drift and off-target effects of the pesticides are mitigated.
Schedule / Anticipated date for completion or availability of results	Currently conducting research in the laboratory with a Sympatec laser Currently conducting research in the field Anticipated operational wind tunnels in December 2011
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