

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

Information provided by: Masoud Salyani .....

Date: August 5, 2011.....

<b>Title of research project/activity</b>	<b>Development of an expert system for minimizing spray losses in citrus airblast applications</b>
<b>Area of work</b> (predictive models; field or wind tunnel research, etc.)	Expert system, Computer simulation, PhD research
<b>Summary description of project/work</b> (please write about a 5-10 line summary)	We are developing an expert system (ES) to help the users in minimizing application errors and off-target deposition in citrus applications. The ES includes spray planning (sprayer calibration, nozzle selection) and implementation (field application) parts. Based on the given application conditions, it provides an estimate of canopy deposition, ground fallout, and drift. It shows the impact of changing application variables and grove conditions on various spray components.
<b>Schedule / Anticipated date for completion or availability of results</b>	Manuscripts will be published in 2011-2012
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