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

Information provided by: Mark Ledson ....

Date: 16th August 2011..

Title of research project/activity	Silsoe Ground Model
Area of work (predictive models; field or wind tunnel research, etc.)	**Mechanistic model to predict spray drift from ground spray applications**
Summary description of project/work (please write about a 5-10 line summary)	Developing a fully predictive mechanistic mathematical ground model. This new model is based on an earlier random walk model called "Silsoe Drift Model", which was developed by Miller and Hadfield at Silsoe Spray Application Unit. The new Silsoe Ground Model will be appropriate for predicting spray drift from typical ground boom sprayers.
Schedule / Anticipated date for completion or availability of results	Current phase of work (as of Aug 2011) is scheduled to be completed by the end of 2011. However, completion of the new ground model is anticipated to take another 2-3 years.
Name of researcher and organization (please specify country)	Clare Butler Ellis and Paul Miller at NIAB-TAG Silsoe Spray Applications Unit. The model development work is being partly funded by Crop Life America.
Contact information (email address)	Clare.Butler-Ellis@niab.com

Website URL (if available)	http://www.niab.com/pages/id/270/Silsoe_Spray_Applications_Unit