RELEASE NOTES FOR LINUX_PEARL_3
January 7, 2010

Installation:

The installation needs to be performed on a Windows platform. The installation consists of the creation of files and folders that contain all files needed to run LinuxPEARL_3 for five different test runs. Please read the file ReadMeBeforeInstallation included in the software package.

Platforms:

LinuxPEARL_3 is supported on Ubuntu v 8.10, Fedora 10 and SUSE 10 platforms.

Differences in results of FOCUS runs between Linux and Windows:

For 4 of the 5 test runs the PC80 values obtained on Linux and Windows platforms were identical. For one FOCUS test run, using the lower boundary option FncGrwLev (exponential relation between Q and h), a difference of about 5% was found. This is caused by a somewhat different hydrology as calculated by Linux SWAP. The cause of this difference will be solved in the Linux version of the next FOCUS-PEARL release.

Preparation of PEARL input files:

• The name of the meteo file should be in lower case, because otherwise SWAP gives an error that the file cannot be found.
• The suffix for the crop name should also be in lower case, because otherwise SWAP gives an error that the crop file cannot be found.
This problem will be resolved in the Linux version of the next FOCUS-PEARL release

Use of Linux PEARL:

LinuxPEARL_3 is not intended for simulations in support to standard authorization procedures.

The software package of LinuxPEARL_3 does not contain: 1) a graphical user interface and 2) a database to store data to run the model. Therefore LinuxPEARL_3 should only be used by expert users.

Support:

If you encounter installation problems or problems with the use of LinuxPEARL_3, please send an e-mail to: pearl@pesticidemodels.nl. We will try to help you solve the problem, but we cannot guarantee a solution, as we have only a limited time available for support of this version.