

Installation of the PERPEST model:

- Run the PerpestInstallationOct2003.exe file and follow the instructions.
- For questions or reporting of errors, problems or bugs please e-mail to: perpest.alterra@wur.nl

Points of attention:

- Please use the following ranges for the parameters to be entered:

Experimental features

EC50	between 1E-6 and 1E6
DT50	between 0.04 and 1000
Henry	between 1E-10 and 1000
Kom	between 1E-6 and 1E6
Concentration:	between 1E-6 and 1E10

Options, prediction

Number of nearest points:	between 1 and 10000
Distance power	between -100 and -1E-4
Min. distance	between 0 and 100
Max. distance	between 0 and 100
Critical dissimilarity	between 0 and 100

Options, bootstrap

N bootstraps	between 1 and 1E10
Bootstrapped fraction	between 0.01 and 0.99
Confidence limit p	between 0.001 and 0.5

Options, optimize

Convergence crit	between 1E-4 and 1
Vase size	between 1 and 1000
Stop criterion stepwise	between 0.001 and 0.99
Weights of variables	between 0 and 100 (for min and max)
Range of variables	between 0.01 and 100 (for min and max)
Distance power	between -100 and -1E-4 (for min and max)
Number of nearest points:	between 1 and 10000 (for min and max)

Options, PERPEST

Default Weights	between 0 and 100
Max. allowable diff.	between 0.1 and 100

- Make sure that no other combinations between Type of substance and Mode of action as given below is entered as a new chemical

Herbicide	Auxine simulator
Herbicide	Other herbicide
Herbicide	Photosynthesis inhibitor
Insecticide	Acetylcholinesterase inhibitor
Insecticide	Moulting hormone antagonist
Insecticide	Other insecticide
Insecticide	Synthetic pyrethroid