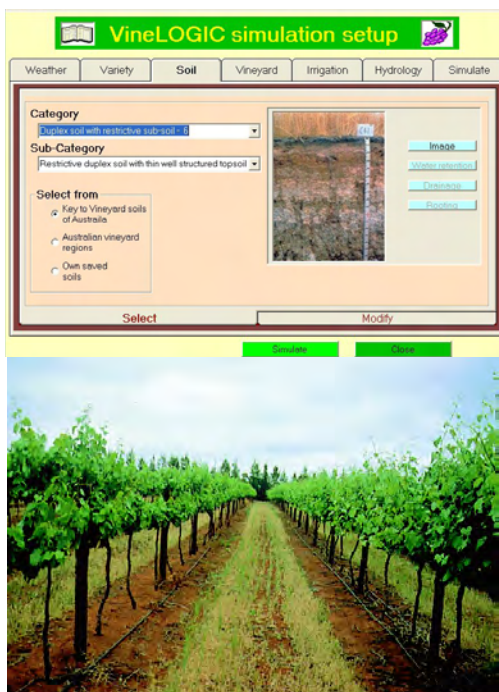


VineLOGIC™ Virtual Vineyard

VineLOGIC™ Virtual Vineyard is designed to simulate what might happen to a grape crop under different environmental conditions and management practices. It can be used in education and training to explore a range of 'what-if' scenarios, and to see the outcomes of a range of viticulture management practices in various environments. The package guides the user through a range of choices relating to grape variety, rootstock, weather, soil conditions, irrigation water salinity, irrigation schedules and pruning and trellising systems. The software provides a summary of critical vineyard indicators such as budburst (when the vines will become active after winter dormancy), veraison (when the berries begin to ripen), time of ripening, the potential yield and likely times and severity of stress.



The software package comprises:

- the simulation model;
- a user-friendly graphical interface;
- a comprehensive help system;
- databases of weather;
- soil options (including typical soils of differing texture, regional Australian vineyard soils);
- choice of variety (including sultana, merlot and colombard); and
- rootstock information.

VineLOGIC™ Virtual Vineyard was developed by the Cooperative Research Centre for Viticulture through CSIRO Plant Industry with input from a team viticulturist, mathematicians and computer programmers.

VineLOGIC™ is supported by Windows® 98 or later.

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