

MyWeedWatcher: mapping weeds in Western Australia

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Summary The general community and community groups can now use smartphone and tablet devices to identify, survey and report weeds and view results online. MyWeedWatcher enables users to identify weeds, conduct surveys on weeds of interest and report on the presence of declared weeds.

The identification guide allows users to quickly search for a weed according to plant characteristics such as flower colour, leaf shape, and plant type. The survey/reporting feature enables users to map weeds, add images and record survey data such as weed density, weed counts, confidence of identification, and notes on control activities done.

The information gathered through MyWeed-Watcher will be used to help Community Groups, Local Biosecurity Groups, and DAFWA make more informed management decisions on weeds of interest in the State. In addition, users help to maintain Australia's pest-free status, support farm biosecurity and become participants in a new monitoring and surveillance community.

Keywords Weed surveillance, apps, app, report, map, identify.