



# SIMAZINE

## pollution in Melbourne

Simazine is the most commonly detected pesticide in Melbourne waterways and stormwater. It is also known as a “chemical castrator” that impacts on hormone function.

Simazine is a herbicide of the triazine class. It is used to control grasses and broad-leaved weeds. It acts by inhibiting photosynthesis. It is also used as a residual soil sterilant and is very closely related to Atrazine.

[atrazinelovers.com](http://atrazinelovers.com)

Pesticide Action Network list Simazine as a ground water contaminant, a developmental or reproductive toxin and a suspected endocrine disruptor.

[tinyurl.com/simazine](http://tinyurl.com/simazine)

Levels as low as 0.1 parts per billion can damage water-based ecosystems. That’s one drop in 5000 barrels of water! Simazine also kills algae, which is the base of the foodchain.

Despite its endocrine impacting properties, Simazine is also registered for use in swimming pools!

Simazine is used for a range of urban uses such as commercial, industrial, rights of way, public utility areas, road shoulders, drains, driveways, railway tracks, revegetation, aerodromes, gutters and footpaths. Application rates for these areas uses can be excessive.

**Contact your Council and tell them to stop using Simazine.**



The multiple detections of Simazine in the Upper Yarra River, are a result of polluted runoff from vineyards, orchards and cropping. Thousands of hectares of intensive agriculture occurs upstream of Sugarloaf Reservoir which supplies drinking water to the northern and western suburbs. (There are over 70 registered Simazine agricultural products).

Recent Simazine detections

**Simazine has been detected during the last few years in Melbourne waterways & stormwater in these areas**

ABERFELDIE | ALTONA | ARUNDEL | AVONDALE HEIGHTS | BEACONSFIELD | BERWICK | BERWICK SPRINGS | BROADMEADOWS | BULLA | BULLEEN | BUNDOORA | CAIRNLEA | CAUFIELD | CHIRNSIDE PARK | CLIFTON HILL | CRAIGIEBURN | DIAMOND CREEK | EAST MELBOURNE | ENDEAVOUR HILLS | ESSENDON | FAIRFIELD | FITZROY | FOOTSCRAY | GLEN IRIS | GLENROY | GREENVALE | KEILOR | LEOPOLD | LILYDALE | LYNBROOK | MEADOW HEIGHTS | MERNDA | MILL PARK | MOONEE PONDS | MOORABBIN | MOUNT WAVERLEY | NARRE WARREN | NEWPORT | POINT COOK | SUNBURY | SYDENHAM | WALLAN | WANTIRNA | WILLIAMSTOWN  
High numbers of detections in the YARRA RIVER upstream of Sugarloaf Reservoir

Simazine can be sold over the counter from hardware and garden supply stores such as **Bunnings, Mitre 10** and **Masters Home Improvement**. It can be used on paths, driveways, tennis courts and other areas. For months after application, Simazine can wash down drains into stormwater, particularly after rain.

Common trade names include: **HORTICO PATH WEEDER** | **SEARLES PATH WEEDER** | **YATES ONCE A YEAR PATH WEEDER** | **GARD & GROW ONCE A YEAR PATH AND PATIO WEEDER** | **HEINIGER BANTOX DF DRIVEWAY AND PATH WEED KILLER** | **BRUNNINGS READY TO USE PATHWEEDER**



**BOYCOTT WEED KILLER FORMULATIONS CONTAINING SIMAZINE**

[endocrinedisruption.org](http://endocrinedisruption.org) | [foe.org.au/pesticides-and-toxic-chemicals](http://foe.org.au/pesticides-and-toxic-chemicals)

**Friends of the Earth**