

Users are advised to consult the Canadian Environmental Quality Guidelines introductory text, factsheet, and/or protocols for specific information and implementation guidance pertaining to each environmental quality guideline.

## Bromoxynil

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**Parameter 1:** ORGANIC

**Parameter 2:** Pesticides

**Parameter 3:** Benzonitrile compounds

### Water Quality for the Protection of Aquatic Life

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Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.

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#### Freshwater

Concentration (µg/L)	5
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Guideline value slightly modified from CCREM 1987 + Appendixes due to re-evaluation of the significant figures.

Date	1993
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#### Marine

Concentration (µg/L)	Insufficient data
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Date	1993
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### Water Quality for the Protection of Agriculture

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Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.

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#### Irrigation

Concentration (µg/L)	0.33
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Value has been revised to conform with published protocol, Appendix XV – Protocols for deriving water quality guidelines for the protection of agricultural water uses (October 1993)(In: CCREM, 1987). Values that appear in Appendix XII – Canadian water quality guidelines: Updates (April 1993), bromoxynil, dicamba, and diclofop-methyl (In: CCREM, 1987) were derived according to a provisional protocol, which differed with respect to acceptable application rates (AAR) calculations.

Date	1993
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#### Livestock

Concentration (µg/L)	11
Interim guideline.	
Date	1993

#### Sediment Quality for the Protection of Aquatic Life

##### Freshwater

Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

##### Marine

Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>

#### Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural	<i>No data</i>
Concentration (mg/kg dry weight) - Residential / parkland	<i>No data</i>
Concentration (mg/kg dry weight) - Commercial	<i>No data</i>
Concentration (mg/kg dry weight) - Industrial	<i>No data</i>
Date	<i>No data</i>

#### Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota

Concentration (µg/kg diet wet weight)	<i>No data</i>
Date	<i>No data</i>