

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.

## Boron

### Parameter 1: INORGANIC

### Parameter 3: Metals

### Water Quality for the Protection of Aquatic Life

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

[Download Factsheet](#)

#### Freshwater

Short Term Concentration (µg/L)	29,000µg/L or 29mg/L
Long Term Concentration (µg/L)	1,500µg/L or 1.5mg/L
Date	2009

#### Marine

Short Term Concentration (µg/L)	NRG
Long Term Concentration (µg/L)	NRG
Date	2009

### Water Quality for the Protection of Agriculture

#### Irrigation

Concentration (µg/L)	Variable
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= 500 µg/L for blackberries

= 500-1000 µg/L for peaches, cherries, plums, grapes, cowpeas, onions, garlic, sweet potatoes, wheat barley, sunflowers, mung beans, sesame, lupins, strawberries, Jerusalem artichokes, kidney beans, and lima beans

= 1000-2000 µg/L for red peppers, peas, carrots, radishes, potatoes, and cucumbers

= 2000-4000 µg/L for lettuce, cabbage, celery, turnips, Kentucky bluegrass, oats, corn, artichokes, tobacco, mustard, clover, squash, and muskmelons

= 4000-6000 µg/L for sorghum, tomatoes, alfalfa, purple vetch, parsley, red beets, and sugar beets

= 6000 µg/L for asparagus

No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

Date	1987
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#### Livestock

Concentration (µg/L)	5000
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No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

Date	1987
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#### Sediment Quality for the Protection of Aquatic Life

##### Freshwater

Concentration (µg/kg dry weight) - ISQG	No data
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Concentration (µg/kg dry weight) - PEL	No data
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Date	No data
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##### Marine

Concentration (µg/kg dry weight) - ISQG	No data
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Concentration (µg/kg dry weight) - PEL	No data
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Date	No data
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#### Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural	2
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Value applies to hot water soluble boron.

Concentration (mg/kg dry weight) - Residential / parkland	No data
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Concentration (mg/kg dry weight) - Commercial	No data
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Concentration (mg/kg dry weight) - Industrial	No data
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Date	1991
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#### Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota

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