

Livestock Watering FACTSHEET



**BRITISH
COLUMBIA**

Ministry of Agriculture and Lands

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CONVERSIONS OF WATER-RELATED UNITS

CONVERSION TABLE			
	UNIT	MULTIPLIED BY	EQUALS
Length	inch (in)	2.54	centimetre (cm)
	foot (ft)	0.3048	metre (m)
	mile	1.609	kilometer (km)
	mile	5,280	feet (ft)
Area	acre (ac)	0.404685	hectare (ha)
	acre (ac)	43,560	square feet (ft ²)
Volume	acre-foot (ac-ft)	1,233.49	cubic metre (m ³)
	acre-foot (ac-ft)	325,851	US gal
	acre-foot (ac-ft)	226.3	US gal per min / 24 hrs
	cubic inch (in ³)	16.39	square centimetre cm ²
	cubic foot (ft ³)	0.0283168	cubic metre (m ³)
	cubic foot (ft ³)	28.32	litre (L)
	cubic foot (ft ³)	7.48	US gal
	cubic foot (ft ³)	62.4	pound (lb) of water
	Imperial gal (l gal)	0.00454609	cubic metre (m ³)
	litre of water	1	kilogram (kg)
	US gal	3.78	litre (L)
	US gal	0.00378	cubic metre (m ³)
	US gal	0.833	Imperial gal (l gal)
	US gal	8.35	pound (lb) of water
cubic metre (m ³)	1,000	litre (L)	
Flow	cubic feet per second (cfs)	448.8	US gal per min (US gpm)
	cubic feet per second (cfs)	28.33	litre per second (Lps)
	cubic feet per second (cfs)	0.02833	cubic metre per second (cms)
	US gal per min (US gpm)	0.833	Imperial gal per min (l gpm)
	US gal per min (US gpm)	3.78	litre per min (Lpm)
Velocity	feet per second (ft/s)	0.3048	metre per second (m/s)
	mile per hour (mph)	1.609	kilometer per hour (kph)
Mass	pound (lb)	0.454	kilogram (kg)
Pressure	pounds per square inch (psi)	2.31	feet of water (head)
Energy	horsepower (hp)	0.746	kilowatt (kW)
	EQUALS	DIVIDED BY	UNIT

RESOURCE MANAGEMENT BRANCH

Ministry of Agriculture and Lands
1767 Angus Campbell Road
Abbotsford, BC V3G 2M3 Phone: (604) 556-3100

WRITTEN BY

Lance Brown
Engineering Technologist
Kamloops Office