

Bru'n Water

[Link to Bru'n Water website for updates and to donate](#)

Enter data into **Light Blue** cells, **Yellow** cells display calculated results, **Pink** cells contain selection boxes

Water Profile Adjustment Calculator

Hover cursor over cells w/ red corner marks to display helpful information

Desired Water Profile	Calcium (ppm)	Magnesium (ppm)	Sodium (ppm)	Sulfate (ppm)	Chloride (ppm)	Bicarbonate (ppm)	Approximate Color Descriptors for Water Profiles
User Custom	20	26	78	150	120	0	Yellow: under 6 SRM
Existing Water Profile	0	0	0	0	0	0	Amber: 7 to 17 SRM
Dilution Water Profile							Brown: 18 to 30 SRM
RO Water	0	0	0	0	0	0	Black: over 31 SRM
Percent Dilution Water	0	oz/gal	0	pt/gal	< These conversions are provided for your convenience		
Diluted Water Profile	0	0	0	0	0	0	
Target Finished Water Adjustment (ppm)	20	26	78	150	120	0	
Actual Finished Water Adjustment (ppm)	36	30	57	147	130	-65	
Mashing Water Profile	36	30	57	147	130	-65	

								Total Water Additions				Total Batch Volume		
Estimated Mash pH		5.21	This pH value is NOT VALID until the grain information is properly entered for the beer on the Grain Bill Input sheet.					Mash		Sparge				
Water Additions								Water Volume (gal)	4.00	Water Volume (gal)	5.00	Water Volume (gal)	9.00	
Minerals	Addition (gram/gal)	Calcium (ppm)	Magnesium (ppm)	Sodium (ppm)	Sulfate (ppm)	Chloride (ppm)	Bicarbonate (ppm)	Total Mineral Additions (grams)	Total Mineral Additions (grams)					
Gypsum (CaSO ₄ x 2H ₂ O)	0.19	11.7			28.0			0.8	1.0					
Calcium Chloride (CaCl ₂)	0.25	23.9				42.2		1.0	1.3					
Epsom Salt (MgSO ₄ x 7H ₂ O)	1.16		30.2		119.4			4.6	5.8					
Magnesium Chloride (MgCl ₂ x 6H ₂ O)	0.00		0.0			0.0		0.0	0.0					
Canning Salt (NaCl)	0.55			57.2		88.1		2.2	2.8					
Baking Soda (NaHCO ₃)	0.00			0.0			0.0	0.0	Not Recommended					
Chalk (CaCO ₃)	0.00	0.0					0.0	0.0	Not Recommended					
Pickling Lime (Ca(OH) ₂)	0.00	0.0					0.0	0.0	Not Recommended					
Acids	Addition				Sulfate (ppm)	Chloride (ppm)	Bicarbonate (ppm)							
Mash	(mL/gal)	Mash Acid Strength parameters are entered below						Total Acid Addition (ml)						
Lactic	0.35	Strength	88.0	%	0.0	0.0	-64.6	1.4						
Sparge		Sparge Acid Strength parameters are entered on the Sparge Acidication sheet						Total Acid Addition (ml)						
Lactic		Strength	88.0	%	0.0	0.0				0.0				

Bru'n Water v 1.18

Sparge Acidification sheet for Sparge Water.
to remove.

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Individuals. The user of this program assumes all responsibility for the operation and results of the program.

Input Custom Water Profiles at the bottom of the Table below
All Water Profiles are User customizable