Total Alkalinity (TA) Adjustment HotSpot Models 2010 Onwards

Additions Based Upon

2.4 kg Sodium Bisulphate reducing the TA by 20.00 mg/l per 50.00 cubic metres

2.0 kg Sodium Bicaorbonate Increasing the TA by 20.00 mg/l per 50.00 cubic metres

Model	Spa Volume (Cubic Metres)	Alkalinity Effect	Chemical Addition	Total alkalinity adjustment required in mg/l									
				10	20	30	40	50	60	70	80	90	100
TEMPO	1.514	Reduce	Sodium Bisulphate- ‘pH Reducer’	36.34g	72.67g	109.01g	145.34g	181.68g	218.02g	254.35g	290.69g	327.02g	363.36g
	1.514	Increase	Sodium Bicarbonate – ‘Alkalinity Increaser’	30.28g	60.56g	90.84g	121.12g	151.40g	181.68g	211.96g	242.24g	272.52g	302.80g
RHYTHM	1.420	Reduce	Sodium Bisulphate- ‘pH Reducer’	34.08g	68.16g	102.24g	136.32g	170.40g	204.48g	238.56g	272.64g	306.72g	340.80g
	1.420	Increase	Sodium Bicarbonate – ‘Alkalinity Increaser’	28.40g	56.80g	85.20g	113.60g	142.00g	170.40g	198.80g	227.20g	255.60g	284.00g
RELAY	1.362	Reduce	Sodium Bisulphate- ‘pH Reducer’	32.69g	65.38g	98.06g	130.75g	163.44g	196.13g	228.82g	261.50g	294.19g	326.88g
	1.362	Increase	Sodium Bicarbonate – ‘Alkalinity Increaser’	27.24g	54.48g	81.72g	108.96g	136.20g	163.44g	190.68g	217.92g	245.16g	272.40g
SPRINT	1.060	Reduce	Sodium Bisulphate- ‘pH Reducer’	25.44g	50.88g	76.32g	101.76g	127.20g	152.64g	178.08g	203.52g	228.96g	254.40g
	1.060	Increase	Sodium Bicarbonate – ‘Alkalinity Increaser’	21.20g	42.40g	63.60g	84.80g	106.00g	127.20g	148.40g	169.60g	190.80g	212.00g
DASH	1.060	Reduce	Sodium Bisulphate- ‘pH Reducer’	25.44g	50.88g	76.32g	101.76g	127.20g	152.64g	178.08g	203.52g	228.96g	254.40g
	1.060	Increase	Sodium Bicarbonate – ‘Alkalinity Increaser’	21.20g	42.40g	63.60g	84.80g	106.00g	127.20g	148.40g	169.60g	190.80g	212.00g