

Metric Measure Chemical Dosage Charts (Based on Taylor Tests)

DECREASING TOTAL ALKALINITY (MURIATIC ACID)

REQUIRED	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
10 PPM	32.50 ml	325.00 ml	650.00 ml	1.30 l	3.25 l	6.50 l
20 PPM	65.00 ml	650.00 ml	1.30 l	2.60 l	6.50 l	13.00 l
30 PPM	97.50 ml	975.00 ml	1.95 l	3.90 l	9.75 l	19.50 l
40 PPM	130.00 ml	1.30 l	2.60 l	5.20 l	13.00 l	26.00 l
50 PPM	163.00 ml	1.63 l	3.26 l	6.52 l	16.30 l	32.50 l
60 PPM	195.00 ml	1.95 l	3.90 l	7.80 l	19.50 l	39.00 l
70 PPM	228.00 ml	2.28 l	4.56 l	9.12 l	22.80 l	45.50 l
80 PPM	260.00 ml	2.60 l	5.20 l	10.40 l	26.00 l	52.00 l
90 PPM	293.00 ml	2.93 l	5.86 l	11.70 l	29.30 l	58.50 l
100 PPM	325.00 ml	3.25 l	6.50 l	13.00 l	32.50 l	65.00 l

INCREASING TOTAL ALKALINITY (SODIUM BICARBONATE)

REQUIRED	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
10 PPM	36.00 g	360.00 g	720.00 g	1.44 kg	3.60 kg	7.19 kg
20 PPM	72.00 g	720.00 g	1.44 kg	2.88 kg	7.20 kg	14.40 kg
30 PPM	108.00 g	1.08 kg	2.16 kg	4.32 kg	10.80 kg	21.60 kg
40 PPM	144.00 g	1.44 kg	2.88 kg	5.76 kg	14.40 kg	28.80 kg
50 PPM	180.00 g	1.80 kg	3.59 kg	7.18 kg	18.00 kg	35.90 kg
60 PPM	216.00 g	2.16 kg	4.31 kg	8.62 kg	21.60 kg	43.10 kg
70 PPM	252.00 g	2.52 kg	5.03 kg	10.10 kg	25.20 kg	50.30 kg
80 PPM	288.00 g	2.88 kg	5.75 kg	11.50 kg	28.80 kg	57.50 kg
90 PPM	324.00 g	3.24 kg	6.47 kg	12.90 kg	32.40 kg	64.70 kg
100 PPM	360.00 g	3.60 kg	7.19 kg	14.40 kg	36.00 kg	71.90 kg
110 PPM	400.00 g	4.00 kg	7.91 kg	15.80 kg	40.00 kg	79.10 kg
120 PPM	432.00 g	4.32 kg	8.63 kg	17.30 kg	43.20 kg	86.30 kg

INCREASING PH USING BASE DEMAND TEST (SODIUM CARBONATE)

DROPS	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
1	7.50 g	75.00 g	150.00 g	300.00 g	750.00 g	1.50 kg
2	15.00 g	150.00 g	300.00 g	600.00 g	1.50 kg	3.00 kg
3	22.50 g	225.00 g	450.00 g	900.00 g	2.25 kg	4.50 kg
4	30.00 g	300.00 g	600.00 g	1.20 kg	3.00 kg	6.00 kg
5	37.50 g	375.00 g	750.00 g	1.50 kg	3.75 kg	7.50 kg
6	45.00 g	450.00 g	900.00 g	1.80 kg	4.50 kg	9.00 kg
7	52.50 g	525.00 g	1.05 kg	2.10 kg	5.25 kg	10.50 kg
8	60.00 g	600.00 g	1.20 kg	2.40 kg	6.00 kg	12.00 kg
9	67.50 g	675.00 g	1.35 kg	2.70 kg	6.75 kg	13.50 kg
10	75.00 g	750.00 g	1.50 kg	3.00 kg	7.50 kg	15.00 kg

INCREASING CALCIUM HARDNESS (CALCIUM CHLORIDE)

REQUIRED	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
10 PPM	30.00 g	300.00 g	600.00 g	1.20 kg	3.00 kg	6.00 kg
20 PPM	60.00 g	600.00 g	1.20 kg	2.40 kg	6.00 kg	12.00 kg
30 PPM	90.00 g	900.00 g	1.80 kg	3.60 kg	9.00 kg	18.00 kg
40 PPM	120.00 g	1.20 kg	2.40 kg	4.80 kg	12.00 kg	24.00 kg
50 PPM	150.00 g	1.50 kg	3.00 kg	6.00 kg	15.00 kg	30.00 kg
60 PPM	180.00 g	1.80 kg	3.60 kg	7.20 kg	18.00 kg	36.00 kg
70 PPM	210.00 g	2.10 kg	4.20 kg	8.40 kg	21.00 kg	42.00 kg
80 PPM	240.00 g	2.40 kg	4.80 kg	9.60 kg	24.00 kg	48.00 kg
90 PPM	270.00 g	2.70 kg	5.40 kg	10.80 kg	27.00 kg	54.00 kg
100 PPM	300.00 g	3.00 kg	6.00 kg	12.00 kg	30.00 kg	60.00 kg

DECREASING PH USING ACID DEMAND TEST (MURIATIC ACID)

DROPS	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
1	12.00 ml	120.00 ml	240.00 ml	480.00 ml	1.20 l	2.40 l
2	24.00 ml	240.00 ml	480.00 ml	960.00 ml	2.40 l	4.80 l
3	36.00 ml	360.00 ml	720.00 ml	1.44 l	3.60 l	7.20 l
4	48.00 ml	480.00 ml	960.00 ml	1.92 l	4.80 l	9.50 l
5	60.00 ml	600.00 ml	1.20 l	2.40 l	6.00 l	12.00 l
6	72.00 ml	720.00 ml	1.44 l	2.88 l	7.20 l	14.40 l
7	84.00 ml	840.00 ml	1.68 l	3.36 l	8.40 l	16.80 l
8	96.00 ml	960.00 ml	1.92 l	3.84 l	9.60 l	19.20 l
9	108.00 ml	1.08 l	2.16 l	4.32 l	10.80 l	21.60 l
10	120.00 ml	1.20 l	2.40 l	4.80 l	12.00 l	24.00 l

DECREASING PH USING ACID DEMAND TEST (SODIUM BISULFATE, DRY/ACID)

DROPS	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
1	15.00 g	150.00 g	300.00 g	600.00 g	1.50 kg	3.00 kg
2	30.00 g	300.00 g	600.00 g	1.20 kg	3.00 kg	6.00 kg
3	45.00 g	450.00 g	900.00 g	1.80 kg	4.50 kg	9.00 kg
4	60.00 g	600.00 g	1.20 kg	2.40 kg	6.00 kg	12.00 kg
5	75.00 g	750.00 g	1.50 kg	3.00 kg	7.50 kg	15.00 kg
6	90.00 g	900.00 g	1.80 kg	3.90 kg	9.00 kg	18.00 kg
7	105.00 g	1.05 kg	2.10 kg	4.20 kg	10.50 kg	21.00 kg
8	120.00 g	1.20 kg	2.40 kg	4.80 kg	12.00 kg	24.00 kg
9	135.00 g	1.35 kg	2.70 kg	5.40 kg	13.50 kg	27.00 kg
10	150.00 g	1.50 kg	3.00 kg	6.00 kg	15.00 kg	30.00 kg

CHLORINE NEUTRALIZATION (SODIUM THIOSULFATE)

REQUIRED	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
1 PPM	3.68 g	36.82 g	73.64 g	147.28 g	368.20 g	736.40 g
5 PPM	18.41 g	184.10 g	368.20 g	736.40 g	1.84 kg	3.68 kg
10 PPM	36.82 g	368.20 g	736.40 g	1.47 kg	3.68 kg	7.36 kg
15 PPM	55.23 g	552.30 g	1.10 kg	2.21 kg	5.52 kg	11.05 kg
20 PPM	73.64 g	736.40 g	1.47 kg	2.95 kg	7.36 kg	14.73 kg
30 PPM	110.46 g	1.10 kg	2.21 kg	4.42 kg	11.05 kg	22.09 kg
50 PPM	184.10 g	1.84 kg	3.68 kg	7.36 kg	18.41 kg	36.82 kg

AMOUNT OF SANITIZER TO YIELD 1 PPM FREE AVAILABLE CHLORINE

SANITIZER	% ACC	2,000 L	20,000 L	40,000 L	80,000 L	200,000 L	400,000 L
CL2-GAS	100%	2.00 g	20.00 g	40.00 g	80.00 g	200.00 g	400.00 g
TRICHLOR	90%	2.22 g	22.20 g	44.40 g	88.80 g	222.00 g	444.00 g
CAL HYPO	70%	2.86 g	28.60 g	57.10 g	114.00 g	286.00 g	571.00 g
CAL HYPO	65%	3.07 g	30.70 g	61.30 g	123.00 g	307.00 g	613.00 g
DICHLOR	62%	3.45 g	34.50 g	69.00 g	138.00 g	345.00 g	690.00 g
NaDCC.2H2O	56%	3.57 g	35.70 g	71.40 g	143.00 g	357.00 g	714.00 g
LITHIUM	35%	5.71 g	57.10 g	114.00 g	228.00 g	571.00 g	1.14 kg
SOD. HYPO	10.30%	10.00 ml	100.00 ml	200.00 ml	400.00 ml	2.00 l	4.00 l