

MESSICK COMPANY LLC
 142 NORTH CENTRAL AVE.
 CAMPBELL, CA 95008
 (408) 871-9816
 FAX: (408) 871-9839

Temperature Formula ~ C = 5/9(F-32)												
°F	32	35	41	44.5	48	55	63	65	68	73	86	93
°C	0	2	5	7	9	13	17	18	20	23	30	34

Liquid Conversions		Metric Conversions		
1 Pint/100 gal.	= 1 tsp./gal.	To Convert From	To	Multiply By
1 Quart/100 gal.	= 2 tsp./gal.	Gallons	Milliliters Cubic Feet Liters	3785 0.1337 3.8753
1 Teaspoon	= 1/3 Tbsp. or 1/6 oz.	Grams	Ounces (oz.)	0.03257
1 Tablespoon	= 3 tsp. or 1/2 oz.	Liters	Fluid Ounces (oz.) Quarts Gallons	33.814 1.05669 0.2642
1 Fluid Ounce	= 2 Tbsp. or 6 tsp.	Ounces (oz.)	Grams	28.34952
1 Cup	= 8 oz., 16 Tbsp., 48 tsp.	Ounces ~ Fluid	Milliliters Liters	29.57353 0.02957
1 Quart	= 32 oz., 4 cups, 2 pints, 64 Tbsp	Pints ~ Fluid	Milliliters Liters	473.17647 0.47318
1 Gallon	= 4 quarts	Pounds	Grams	453.59237
	16 cups	Quarts ~ Dry	Cubic Inches	67.2006
	8 pints	Quarts ~ Fluid	Milliliters	946.358
	128 ounces		Liters	0.946358

# of Pots Filled per Cubic Yard of Growing Medium			
Standard Round Pot	# per cubic yard	Azalea Pot	# per cubic yard
2 1/4	6952	4	1540
2 1/2	4840	5	770
3	2948	5 1/2	648
4	1276	6	440
5	704		
6	396	Bulb Pan	# per cubic yd
7	242	5	1100
8	176	6	858
12	44		
Flats	# per cubic yard	Hanging Baskets	# per cubic yard
6/12 Cell Cells 1.5 x 1.5 x 2.25	128	8	324
4/12 Cell Cells 1.25 x 2.25 x 2.25	154	10	135
1/12 Cell Cells 4.75 x 3 x 2.25	121		

Parts Per Million

To determine Parts per million of an element in fertilizer, simply multiply the percent of that element by 75. The answer will be the ppm of the element per oz. of the fertilizer in 100 gallons of water.

For instance, how much 20-20-20 fertilizer should you use to get a 200 ppm nitrogen solution?

EXAMPLE: .20 x 75 = 15 ppm (% of nitrogen element in fertilizer multiplied by 75) 200/15 = 13.3 oz. (desired ppm solution by ppm per oz.) 13.3 oz. of fertilizer are required to produce a 200 ppm nitrogen solution in 100 gal of water.

Metric Parts Per Million and Percent		
PPM	Percent	Gram(s) in Liter(s)
1	0.0001	1 g in 1000 liters
10	0.001	1 g in 100 liters
100	0.01	1 g in 10 liters
1000	0.1	1 g in 1 liter

Linear Conversion - Inches to Centimeters and Meters			
1 in. = 2.54 cm	1 ft. = 30.5 cm	1 cm = 0.3937 in	1 meter = 39.37 in
4 in. = 10 cm	6 in. = 15 cm	8 in. = 20 cm	10 in. = 25 cm
12 in. = 30 cm	14 in. = 35 cm	16 in. = 40 cm	18 in. = 45 cm

Office: 408-871-9816
 Fax: 408-871-9839
 e-mail:
 MessickCo@comcast.net

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