

Sugar Addition Table*

By Melanie Smith and Murli Dharmadhikari

Many winemakers sweeten their wines by adding cane sugar which is usually done just prior to bottling. The extent of sweetening depends on the style of wine. The amount of sugar in wine is often expressed in terms of percent and calculated accordingly.

To assist vintners in sugar addition, we have developed a table showing the amount of sugar additions in the range of 0.25% to 7.0% (in increments of .25%). The first column indicates the percentage of sugar that a vintner may wish to have in the wine. The second column shows the amount of sugar in grams per liter. This can be used to prepare small trial blends. Columns 3 and 4 give the quantity of sugar in ounces per gallon and in pounds and ounces per 100 gallons respectively.

For the purpose of calculations, we have used the following relationships:

1. Ounces to grams multiply by 28.35
2. Pounds to grams multiply by 453.59
3. Gallons to liters multiply by 3.785

%	Grams per liter	Ounces per gallon	Pounds & ounces per 100 gallons
.25	2.5	0.33	2 lbs. 1.1 oz.
.50	5.0	0.66	4 lbs. 2.3 oz.
.75	7.5	0.99	6 lbs. 3.4 oz.
1.00	10.0	1.33	8 lbs. 4.5 oz.
1.25	12.5	1.66	10 lbs. 5.6 oz.
1.50	15.0	1.99	12 lbs. 6.7 oz.
1.75	17.5	2.32	14 lbs. 7.8 oz.
2.00	20.0	2.65	16 lbs. 9.0 oz.
2.25	22.5	2.98	18 lbs. 10.0 oz.
2.50	25.0	3.31	20 lbs. 11.2 oz.
2.75	27.5	3.64	22 lbs. 12.3 oz.
3.00	30.0	3.97	24 lbs. 13.4 oz.
3.25	32.5	4.31	26 lbs. 14.5 oz.
3.50	35.0	4.64	28 lbs. 15.7 oz.
3.75	37.5	4.97	31 lbs. 0.8 oz.
4.00	40.0	5.30	33 lbs. 1.9 oz.
4.25	42.5	5.63	35 lbs. 3.0 oz.
4.50	45.0	5.96	37 lbs. 4.2 oz.
4.75	47.5	6.29	39 lbs. 5.3 oz.
5.00	50.0	6.62	41 lbs. 6.4 oz.
5.25	52.5	6.96	43 lbs. 7.3 oz.
5.50	55.0	7.29	45 lbs. 8.6 oz.
5.75	57.5	7.62	47 lbs. 9.7 oz.
6.00	60.0	7.95	49 lbs. 10.9 oz.
6.25	62.5	8.28	51 lbs. 12.0 oz.
6.50	65.0	8.61	53 lbs. 13.1 oz.
6.75	67.5	8.94	55 lbs. 14.2 oz.
7.00	70.0	9.27	57 lbs. 15.3 oz.
7.25	72.5	9.60	60 lbs. 0.4 oz.
7.50	75.0	9.94	62 lbs. 1.6 oz.
7.75	77.5	10.27	64 lbs. 2.7 oz.
8.00	80.0	10.60	66 lbs. 3.8 oz.

*Previously published in Vineyard & Vintage View, Mountain Grove, MO