

Additions of 50 ppm $SO_2$ to juice.					
Basis: 0.076 grams Potassium Metabisulfite added to 1 gallon of juice is 10 ppm $SO_2$ .					
Liters of Juice	Gallons of Juice	gms of KMS	Liters of Juice	Gallons of Juice	gms of KMS
0.50	0.13	0.050	15.50	4.09	1.556
1.00	0.26	0.100	16.00	4.23	1.606
1.50	0.40	0.151	16.50	4.36	1.656
2.00	0.53	0.201	17.00	4.49	1.707
2.50	0.66	0.251	17.50	4.62	1.757
3.00	0.79	0.301	18.00	4.76	1.807
3.50	0.92	0.351	18.50	4.89	1.857
4.00	1.06	0.402	19.00	5.02	1.907
4.50	1.19	0.452	19.50	5.15	1.958
5.00	1.32	0.502	20.00	5.28	2.008
5.50	1.45	0.552	20.50	5.42	2.058
6.00	1.59	0.602	21.00	5.55	2.108
6.50	1.72	0.653	21.50	5.68	2.158
7.00	1.85	0.703	22.00	5.81	2.209
7.50	1.98	0.753	22.50	5.94	2.259
8.00	2.11	0.803	23.00	6.08	2.309
8.50	2.25	0.853	23.50	6.21	2.359
9.00	2.38	0.903	24.00	6.34	2.409
9.50	2.51	0.954	24.50	6.47	2.460
10.00	2.64	1.004	25.00	6.60	2.510
10.50	2.77	1.054	25.50	6.74	2.560
11.00	2.91	1.104	26.00	6.87	2.610
11.50	3.04	1.154	26.50	7.00	2.660
12.00	3.17	1.205	27.00	7.13	2.710
12.50	3.30	1.255	27.50	7.26	2.761
13.00	3.43	1.305	28.00	7.40	2.811
13.50	3.57	1.355	28.50	7.53	2.861
14.00	3.70	1.405	29.00	7.66	2.911
14.50	3.83	1.456	29.50	7.79	2.961
15.00	3.96	1.506	30.00	7.93	3.012
Note: the free $SO_2$ will vary with juice pH. Lower pH, more $FSO_2$ .					