

BRIX INTERPOLATION CHART



American®
Fruits and Flavors

BRIX VALUES of fruits and vegetables used for calculating single strength juice as established by the FDA

	Brix		Brix		Brix
Acerola	6.0	Currant, (red)	10.5	Orange	11.8
Apple	11.5	Date	18.5	Papaya	11.5
Apricot	11.7	Dewberry	10.0	Passion Fruit	14.0
Banana	22.0	Elderberry	11.0	Peach	10.5
Blackberry	10.0	Fig	18.2	Pear	12.0
Blueberry	10.0	Gooseberry	8.3	Pineapple	12.8
Boysenberry	10.0	Grape	16.0	Plum	14.3
Cantaloupe Melon	9.6	Grapefruit	10.0	Pomegranate	16.0
Carambola	7.8	Guanabana (soursop)	16.0	Prune	18.5
Carrot	8.0	Guava	7.7	Quince	13.3
Casaba Melon	7.5	Honeydew	9.6	Raspberry (black)	11.1
Cashew (Caju)	12.0	Kiwi	15.4	Raspberry (red)	9.2
Celery	3.1	Lemon *	4.5	Rhubarb	5.7
Cherry, dark, sweet	20.0	Lime *	4.5	Strawberry	8.0
Cherry, red sour	14.0	Loganberry	10.5	Tangerine	11.8
Crabapple	15.4	Mango	13.0	Tomato	5.0
Cranberry	7.5	Nectarine	11.8	Watermelon	7.8
Currant, (black)	11.0			Youngberry	10.0

* as anhydrous citric acid % by weight.

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%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.
0.0	0.000	+ 8.322	= 8.322	5.0	0.424	+ 8.061	= 8.485	10.0	0.866	+ 7.789	= 8.655
0.1	0.008	+ 8.317	= 8.325	5.1	0.433	+ 8.056	= 8.488	10.1	0.875	+ 7.783	= 8.658
0.2	0.017	+ 8.312	= 8.328	5.2	0.441	+ 8.050	= 8.492	10.2	0.884	+ 7.778	= 8.662
0.3	0.025	+ 8.306	= 8.332	5.3	0.450	+ 8.045	= 8.495	10.3	0.893	+ 7.772	= 8.665
0.4	0.034	+ 8.301	= 8.335	5.4	0.459	+ 8.040	= 8.499	10.4	0.902	+ 7.767	= 8.669
0.5	0.042	+ 8.296	= 8.338	5.5	0.468	+ 8.035	= 8.502	10.5	0.911	+ 7.761	= 8.672
0.6	0.050	+ 8.291	= 8.341	5.6	0.476	+ 8.029	= 8.505	10.6	0.920	+ 7.755	= 8.675
0.7	0.059	+ 8.286	= 8.344	5.7	0.485	+ 8.024	= 8.509	10.7	0.929	+ 7.750	= 8.679
0.8	0.067	+ 8.280	= 8.348	5.8	0.494	+ 8.019	= 8.512	10.8	0.938	+ 7.744	= 8.682
0.9	0.076	+ 8.275	= 8.351	5.9	0.502	+ 8.013	= 8.516	10.9	0.947	+ 7.739	= 8.686
1.0	0.084	+ 8.270	= 8.354	6.0	0.511	+ 8.008	= 8.519	11.0	0.956	+ 7.733	= 8.689
1.1	0.092	+ 8.265	= 8.357	6.1	0.520	+ 8.003	= 8.522	11.1	0.965	+ 7.727	= 8.693
1.2	0.101	+ 8.260	= 8.361	6.2	0.529	+ 7.997	= 8.526	11.2	0.974	+ 7.722	= 8.696
1.3	0.109	+ 8.255	= 8.364	6.3	0.537	+ 7.992	= 8.529	11.3	0.983	+ 7.716	= 8.700
1.4	0.118	+ 8.250	= 8.367	6.4	0.546	+ 7.986	= 8.532	11.4	0.992	+ 7.711	= 8.703
1.5	0.126	+ 8.245	= 8.371	6.5	0.555	+ 7.981	= 8.536	11.5	1.002	+ 7.705	= 8.707
1.6	0.134	+ 8.239	= 8.374	6.6	0.564	+ 7.975	= 8.539	11.6	1.011	+ 7.699	= 8.710
1.7	0.143	+ 8.234	= 8.377	6.7	0.573	+ 7.970	= 8.542	11.7	1.020	+ 7.694	= 8.714
1.8	0.151	+ 8.229	= 8.380	6.8	0.581	+ 7.964	= 8.545	11.8	1.029	+ 7.688	= 8.717
1.9	0.160	+ 8.224	= 8.384	6.9	0.590	+ 7.959	= 8.549	11.9	1.038	+ 7.683	= 8.721
2.0	0.168	+ 8.219	= 8.387	7.0	0.599	+ 7.953	= 8.552	12.0	1.047	+ 7.677	= 8.724
2.1	0.177	+ 8.214	= 8.390	7.1	0.608	+ 7.948	= 8.555	12.1	1.056	+ 7.671	= 8.728
2.2	0.185	+ 8.208	= 8.393	7.2	0.617	+ 7.942	= 8.559	12.2	1.065	+ 7.666	= 8.731
2.3	0.194	+ 8.203	= 8.397	7.3	0.625	+ 7.937	= 8.562	12.3	1.075	+ 7.660	= 8.735
2.4	0.202	+ 8.198	= 8.400	7.4	0.634	+ 7.931	= 8.566	12.4	1.084	+ 7.654	= 8.738
2.5	0.211	+ 8.193	= 8.403	7.5	0.643	+ 7.926	= 8.569	12.5	1.093	+ 7.649	= 8.742
2.6	0.219	+ 8.187	= 8.406	7.6	0.652	+ 7.921	= 8.572	12.6	1.102	+ 7.643	= 8.745
2.7	0.228	+ 8.182	= 8.409	7.7	0.661	+ 7.915	= 8.576	12.7	1.111	+ 7.637	= 8.749
2.8	0.236	+ 8.177	= 8.413	7.8	0.669	+ 7.910	= 8.579	12.8	1.121	+ 7.631	= 8.752
2.9	0.245	+ 8.171	= 8.416	7.9	0.678	+ 7.904	= 8.583	12.9	1.130	+ 7.626	= 8.756
3.0	0.253	+ 8.166	= 8.419	8.0	0.687	+ 7.899	= 8.586	13.0	1.139	+ 7.620	= 8.759
3.1	0.262	+ 8.161	= 8.422	8.1	0.696	+ 7.894	= 8.589	13.1	1.148	+ 7.614	= 8.763
3.2	0.270	+ 8.156	= 8.426	8.2	0.705	+ 7.888	= 8.593	13.2	1.158	+ 7.609	= 8.766
3.3	0.279	+ 8.150	= 8.429	8.3	0.714	+ 7.883	= 8.596	13.3	1.167	+ 7.603	= 8.770
3.4	0.287	+ 8.145	= 8.432	8.4	0.723	+ 7.877	= 8.600	13.4	1.176	+ 7.597	= 8.773
3.5	0.296	+ 8.140	= 8.436	8.5	0.732	+ 7.872	= 8.603	13.5	1.186	+ 7.592	= 8.777
3.6	0.304	+ 8.135	= 8.439	8.6	0.740	+ 7.866	= 8.606	13.6	1.195	+ 7.586	= 8.781
3.7	0.313	+ 8.130	= 8.442	8.7	0.749	+ 7.861	= 8.610	13.7	1.204	+ 7.580	= 8.784
3.8	0.321	+ 8.124	= 8.445	8.8	0.758	+ 7.855	= 8.613	13.8	1.213	+ 7.574	= 8.788
3.9	0.330	+ 8.119	= 8.449	8.9	0.767	+ 7.850	= 8.617	13.9	1.223	+ 7.569	= 8.791
4.0	0.338	+ 8.114	= 8.452	9.0	0.776	+ 7.844	= 8.620	14.0	1.232	+ 7.563	= 8.795
4.1	0.347	+ 8.109	= 8.455	9.1	0.785	+ 7.839	= 8.624	14.1	1.241	+ 7.557	= 8.799
4.2	0.355	+ 8.103	= 8.459	9.2	0.794	+ 7.833	= 8.627	14.2	1.251	+ 7.551	= 8.802
4.3	0.364	+ 8.098	= 8.462	9.3	0.803	+ 7.828	= 8.631	14.3	1.260	+ 7.546	= 8.806
4.4	0.372	+ 8.093	= 8.465	9.4	0.812	+ 7.822	= 8.634	14.4	1.269	+ 7.540	= 8.809
4.5	0.381	+ 8.088	= 8.469	9.5	0.821	+ 7.817	= 8.638	14.5	1.279	+ 7.534	= 8.813
4.6	0.390	+ 8.082	= 8.472	9.6	0.830	+ 7.811	= 8.641	14.6	1.288	+ 7.528	= 8.816
4.7	0.398	+ 8.077	= 8.475	9.7	0.839	+ 7.806	= 8.645	14.7	1.297	+ 7.522	= 8.820
4.8	0.407	+ 8.072	= 8.478	9.8	0.848	+ 7.800	= 8.648	14.8	1.306	+ 7.517	= 8.823
4.9	0.415	+ 8.066	= 8.482	9.9	0.857	+ 7.795	= 8.652	14.9	1.316	+ 7.511	= 8.827

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15.0	1.325	+ 7.505	= 8.830	20.0	1.803	+ 7.209	= 9.012	25.0	2.301	+ 6.900	= 9.201
15.1	1.334	+ 7.499	= 8.834	20.1	1.813	+ 7.203	= 9.016	25.1	2.311	+ 6.894	= 9.205
15.2	1.344	+ 7.493	= 8.837	20.2	1.823	+ 7.197	= 9.019	25.2	2.321	+ 6.887	= 9.209
15.3	1.353	+ 7.488	= 8.841	20.3	1.832	+ 7.191	= 9.023	25.3	2.332	+ 6.881	= 9.212
15.4	1.363	+ 7.482	= 8.844	20.4	1.842	+ 7.185	= 9.027	25.4	2.342	+ 6.874	= 9.216
15.5	1.372	+ 7.476	= 8.848	20.5	1.852	+ 7.179	= 9.031	25.5	2.352	+ 6.868	= 9.220
15.6	1.381	+ 7.470	= 8.852	20.6	1.862	+ 7.172	= 9.034	25.6	2.362	+ 6.862	= 9.224
15.7	1.391	+ 7.464	= 8.855	20.7	1.872	+ 7.166	= 9.038	25.7	2.372	+ 6.855	= 9.228
15.8	1.400	+ 7.459	= 8.859	20.8	1.881	+ 7.160	= 9.042	25.8	2.383	+ 6.849	= 9.231
15.9	1.410	+ 7.453	= 8.862	20.9	1.891	+ 7.154	= 9.045	25.9	2.393	+ 6.842	= 9.235
16.0	1.419	+ 7.447	= 8.866	21.0	1.901	+ 7.148	= 9.049	26.0	2.403	+ 6.836	= 9.239
16.1	1.429	+ 7.441	= 8.870	21.1	1.911	+ 7.142	= 9.053	26.1	2.413	+ 6.830	= 9.243
16.2	1.438	+ 7.435	= 8.873	21.2	1.921	+ 7.136	= 9.057	26.2	2.424	+ 6.823	= 9.247
16.3	1.448	+ 7.429	= 8.877	21.3	1.931	+ 7.130	= 9.060	26.3	2.434	+ 6.817	= 9.251
16.4	1.457	+ 7.423	= 8.880	21.4	1.941	+ 7.124	= 9.064	26.4	2.444	+ 6.810	= 9.255
16.5	1.467	+ 7.418	= 8.884	21.5	1.951	+ 7.118	= 9.068	26.5	2.455	+ 6.804	= 9.259
16.6	1.476	+ 7.412	= 8.888	21.6	1.960	+ 7.111	= 9.072	26.6	2.465	+ 6.798	= 9.262
16.7	1.486	+ 7.406	= 8.891	21.7	1.970	+ 7.105	= 9.076	26.7	2.475	+ 6.791	= 9.266
16.8	1.495	+ 7.400	= 8.895	21.8	1.980	+ 7.099	= 9.079	26.8	2.485	+ 6.785	= 9.270
16.9	1.505	+ 7.394	= 8.898	21.9	1.990	+ 7.093	= 9.083	26.9	2.496	+ 6.778	= 9.274
17.0	1.514	+ 7.388	= 8.902	22.0	2.000	+ 7.087	= 9.087	27.0	2.506	+ 6.772	= 9.278
17.1	1.524	+ 7.382	= 8.906	22.1	2.010	+ 7.081	= 9.091	27.1	2.516	+ 6.766	= 9.282
17.2	1.533	+ 7.376	= 8.909	22.2	2.020	+ 7.075	= 9.095	27.2	2.527	+ 6.759	= 9.286
17.3	1.543	+ 7.370	= 8.913	22.3	2.030	+ 7.069	= 9.098	27.3	2.537	+ 6.753	= 9.290
17.4	1.552	+ 7.364	= 8.917	22.4	2.040	+ 7.063	= 9.102	27.4	2.548	+ 6.746	= 9.294
17.5	1.562	+ 7.359	= 8.921	22.5	2.050	+ 7.057	= 9.106	27.5	2.558	+ 6.740	= 9.298
17.6	1.572	+ 7.353	= 8.924	22.6	2.059	+ 7.050	= 9.110	27.6	2.568	+ 6.733	= 9.301
17.7	1.581	+ 7.347	= 8.928	22.7	2.069	+ 7.044	= 9.114	27.7	2.579	+ 6.727	= 9.305
17.8	1.591	+ 7.341	= 8.932	22.8	2.079	+ 7.038	= 9.117	27.8	2.589	+ 6.720	= 9.309
17.9	1.600	+ 7.335	= 8.935	22.9	2.089	+ 7.032	= 9.121	27.9	2.600	+ 6.714	= 9.313
18.0	1.610	+ 7.329	= 8.939	23.0	2.099	+ 7.026	= 9.125	28.0	2.610	+ 6.707	= 9.317
18.1	1.620	+ 7.323	= 8.943	23.1	2.109	+ 7.020	= 9.129	28.1	2.620	+ 6.701	= 9.321
18.2	1.629	+ 7.317	= 8.946	23.2	2.119	+ 7.013	= 9.133	28.2	2.631	+ 6.694	= 9.325
18.3	1.639	+ 7.311	= 8.950	23.3	2.129	+ 7.007	= 9.136	28.3	2.641	+ 6.688	= 9.329
18.4	1.648	+ 7.305	= 8.953	23.4	2.139	+ 7.001	= 9.140	28.4	2.652	+ 6.681	= 9.333
18.5	1.658	+ 7.299	= 8.957	23.5	2.150	+ 6.995	= 9.144	28.5	2.662	+ 6.675	= 9.337
18.6	1.668	+ 7.293	= 8.961	23.6	2.160	+ 6.988	= 9.148	28.6	2.672	+ 6.669	= 9.341
18.7	1.677	+ 7.287	= 8.964	23.7	2.170	+ 6.982	= 9.152	28.7	2.683	+ 6.662	= 9.345
18.8	1.687	+ 7.281	= 8.968	23.8	2.180	+ 6.976	= 9.155	28.8	2.693	+ 6.656	= 9.349
18.9	1.696	+ 7.275	= 8.971	23.9	2.190	+ 6.969	= 9.159	28.9	2.704	+ 6.649	= 9.353
19.0	1.706	+ 7.269	= 8.975	24.0	2.200	+ 6.963	= 9.163	29.0	2.714	+ 6.643	= 9.357
19.1	1.716	+ 7.263	= 8.979	24.1	2.210	+ 6.957	= 9.167	29.1	2.725	+ 6.636	= 9.361
19.2	1.725	+ 7.257	= 8.982	24.2	2.220	+ 6.950	= 9.171	29.2	2.735	+ 6.630	= 9.365
19.3	1.735	+ 7.251	= 8.986	24.3	2.230	+ 6.944	= 9.174	29.3	2.746	+ 6.623	= 9.369
19.4	1.745	+ 7.245	= 8.990	24.4	2.240	+ 6.938	= 9.178	29.4	2.756	+ 6.616	= 9.373
19.5	1.755	+ 7.239	= 8.994	24.5	2.251	+ 6.932	= 9.182	29.5	2.767	+ 6.610	= 9.377
19.6	1.764	+ 7.233	= 8.997	24.6	2.261	+ 6.925	= 9.186	29.6	2.778	+ 6.603	= 9.380
19.7	1.774	+ 7.227	= 9.001	24.7	2.271	+ 6.919	= 9.190	29.7	2.788	+ 6.596	= 9.384
19.8	1.784	+ 7.221	= 9.005	24.8	2.281	+ 6.913	= 9.193	29.8	2.799	+ 6.589	= 9.388
19.9	1.793	+ 7.215	= 9.008	24.9	2.291	+ 6.906	= 9.197	29.9	2.809	+ 6.583	= 9.392

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30.0	2.820	+ 6.576	= 9.396	35.0	3.361	+ 6.238	= 9.599	40.0	3.925	+ 5.884	= 9.809
30.1	2.831	+ 6.569	= 9.400	35.1	3.372	+ 6.231	= 9.603	40.1	3.937	+ 5.877	= 9.813
30.2	2.841	+ 6.563	= 9.404	35.2	3.383	+ 6.224	= 9.607	40.2	3.948	+ 5.870	= 9.818
30.3	2.852	+ 6.556	= 9.408	35.3	3.394	+ 6.217	= 9.611	40.3	3.960	+ 5.862	= 9.822
30.4	2.862	+ 6.550	= 9.412	35.4	3.405	+ 6.210	= 9.615	40.4	3.971	+ 5.855	= 9.826
30.5	2.873	+ 6.543	= 9.416	35.5	3.417	+ 6.203	= 9.620	40.5	3.983	+ 5.848	= 9.831
30.6	2.884	+ 6.536	= 9.420	35.6	3.428	+ 6.196	= 9.624	40.6	3.994	+ 5.841	= 9.835
30.7	2.894	+ 6.530	= 9.424	35.7	3.439	+ 6.189	= 9.628	40.7	4.006	+ 5.834	= 9.839
30.8	2.905	+ 6.523	= 9.428	35.8	3.450	+ 6.182	= 9.632	40.8	4.017	+ 5.826	= 9.843
30.9	2.915	+ 6.517	= 9.432	35.9	3.461	+ 6.175	= 9.636	40.9	4.029	+ 5.819	= 9.848
31.0	2.926	+ 6.510	= 9.436	36.0	3.472	+ 6.168	= 9.640	41.0	4.040	+ 5.812	= 9.852
31.1	2.937	+ 6.503	= 9.440	36.1	3.483	+ 6.161	= 9.644	41.1	4.052	+ 5.805	= 9.856
31.2	2.947	+ 6.497	= 9.444	36.2	3.494	+ 6.154	= 9.648	41.2	4.063	+ 5.797	= 9.861
31.3	2.958	+ 6.490	= 9.448	36.3	3.505	+ 6.147	= 9.653	41.3	4.075	+ 5.790	= 9.865
31.4	2.969	+ 6.484	= 9.452	36.4	3.516	+ 6.140	= 9.657	41.4	4.087	+ 5.782	= 9.869
31.5	2.980	+ 6.477	= 9.457	36.5	3.528	+ 6.134	= 9.661	41.5	4.099	+ 5.775	= 9.874
31.6	2.990	+ 6.470	= 9.461	36.6	3.539	+ 6.127	= 9.665	41.6	4.110	+ 5.768	= 9.878
31.7	3.001	+ 6.464	= 9.465	36.7	3.550	+ 6.120	= 9.669	41.7	4.122	+ 5.760	= 9.882
31.8	3.012	+ 6.457	= 9.469	36.8	3.561	+ 6.113	= 9.674	41.8	4.134	+ 5.753	= 9.886
31.9	3.022	+ 6.451	= 9.473	36.9	3.572	+ 6.106	= 9.678	41.9	4.145	+ 5.745	= 9.891
32.0	3.033	+ 6.444	= 9.477	37.0	3.583	+ 6.099	= 9.682	42.0	4.157	+ 5.738	= 9.895
32.1	3.044	+ 6.437	= 9.481	37.1	3.594	+ 6.092	= 9.686	42.1	4.169	+ 5.731	= 9.899
32.2	3.055	+ 6.430	= 9.485	37.2	3.606	+ 6.085	= 9.690	42.2	4.181	+ 5.723	= 9.904
32.3	3.066	+ 6.423	= 9.489	37.3	3.617	+ 6.078	= 9.695	42.3	4.192	+ 5.716	= 9.908
32.4	3.077	+ 6.416	= 9.493	37.4	3.628	+ 6.071	= 9.699	42.4	4.204	+ 5.708	= 9.913
32.5	3.088	+ 6.410	= 9.497	37.5	3.640	+ 6.064	= 9.703	42.5	4.216	+ 5.701	= 9.917
32.6	3.098	+ 6.403	= 9.501	37.6	3.651	+ 6.056	= 9.707	42.6	4.228	+ 5.694	= 9.921
32.7	3.109	+ 6.396	= 9.505	37.7	3.662	+ 6.049	= 9.711	42.7	4.240	+ 5.686	= 9.926
32.8	3.120	+ 6.389	= 9.509	37.8	3.673	+ 6.042	= 9.716	42.8	4.251	+ 5.679	= 9.930
32.9	3.131	+ 6.382	= 9.513	37.9	3.685	+ 6.035	= 9.720	42.9	4.263	+ 5.671	= 9.935
33.0	3.142	+ 6.375	= 9.517	38.0	3.696	+ 6.028	= 9.724	43.0	4.275	+ 5.664	= 9.939
33.1	3.153	+ 6.368	= 9.521	38.1	3.707	+ 6.021	= 9.728	43.1	4.287	+ 5.657	= 9.943
33.2	3.164	+ 6.361	= 9.525	38.2	3.719	+ 6.014	= 9.732	43.2	4.299	+ 5.649	= 9.948
33.3	3.175	+ 6.355	= 9.529	38.3	3.730	+ 6.006	= 9.737	43.3	4.310	+ 5.642	= 9.952
33.4	3.186	+ 6.348	= 9.533	38.4	3.742	+ 5.999	= 9.741	43.4	4.322	+ 5.634	= 9.957
33.5	3.197	+ 6.341	= 9.538	38.5	3.753	+ 5.992	= 9.745	43.5	4.334	+ 5.627	= 9.961
33.6	3.207	+ 6.334	= 9.542	38.6	3.764	+ 5.985	= 9.749	43.6	4.346	+ 5.620	= 9.965
33.7	3.218	+ 6.327	= 9.546	38.7	3.776	+ 5.978	= 9.753	43.7	4.358	+ 5.612	= 9.970
33.8	3.229	+ 6.321	= 9.550	38.8	3.787	+ 5.970	= 9.758	43.8	4.369	+ 5.605	= 9.974
33.9	3.240	+ 6.314	= 9.554	38.9	3.799	+ 5.963	= 9.762	43.9	4.381	+ 5.597	= 9.979
34.0	3.251	+ 6.307	= 9.558	39.0	3.810	+ 5.956	= 9.766	44.0	4.393	+ 5.590	= 9.983
34.1	3.262	+ 6.300	= 9.562	39.1	3.822	+ 5.949	= 9.770	44.1	4.405	+ 5.582	= 9.987
34.2	3.273	+ 6.293	= 9.566	39.2	3.833	+ 5.942	= 9.775	44.2	4.417	+ 5.575	= 9.992
34.3	3.284	+ 6.286	= 9.570	39.3	3.845	+ 5.934	= 9.779	44.3	4.429	+ 5.567	= 9.996
34.4	3.295	+ 6.279	= 9.574	39.4	3.856	+ 5.927	= 9.783	44.4	4.441	+ 5.560	= 10.001
34.5	3.306	+ 6.273	= 9.579	39.5	3.868	+ 5.920	= 9.788	44.5	4.453	+ 5.552	= 10.005
34.6	3.317	+ 6.266	= 9.583	39.6	3.879	+ 5.913	= 9.792	44.6	4.465	+ 5.544	= 10.009
34.7	3.328	+ 6.259	= 9.587	39.7	3.891	+ 5.906	= 9.796	44.7	4.477	+ 5.537	= 10.014
34.8	3.339	+ 6.252	= 9.591	39.8	3.902	+ 5.898	= 9.800	44.8	4.489	+ 5.529	= 10.018
34.9	3.350	+ 6.245	= 9.595	39.9	3.914	+ 5.891	= 9.805	44.9	4.501	+ 5.522	= 10.023

BRIX INTERPOLATION CHART

%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.
45.0	4.513	+ 5.514	= 10.027	50.0	5.127	+ 5.125	= 10.252	55.0	5.768	+ 4.718	= 10.486
45.1	4.525	+ 5.506	= 10.031	50.1	5.140	+ 5.117	= 10.257	55.1	5.781	+ 4.710	= 10.491
45.2	4.537	+ 5.499	= 10.036	50.2	5.152	+ 5.109	= 10.261	55.2	5.794	+ 4.701	= 10.496
45.3	4.549	+ 5.491	= 10.040	50.3	5.165	+ 5.101	= 10.266	55.3	5.808	+ 4.693	= 10.500
45.4	4.561	+ 5.483	= 10.045	50.4	5.177	+ 5.093	= 10.271	55.4	5.821	+ 4.684	= 10.505
45.5	4.574	+ 5.476	= 10.049	50.5	5.190	+ 5.086	= 10.276	55.5	5.834	+ 4.676	= 10.510
45.6	4.586	+ 5.468	= 10.053	50.6	5.203	+ 5.078	= 10.280	55.6	5.847	+ 4.668	= 10.515
45.7	4.598	+ 5.460	= 10.058	50.7	5.215	+ 5.070	= 10.285	55.7	5.860	+ 4.659	= 10.520
45.8	4.610	+ 5.452	= 10.062	50.8	5.228	+ 5.062	= 10.290	55.8	5.874	+ 4.651	= 10.524
45.9	4.622	+ 5.445	= 10.067	50.9	5.240	+ 5.054	= 10.294	55.9	5.887	+ 4.642	= 10.529
46.0	4.634	+ 5.437	= 10.071	51.0	5.253	+ 5.046	= 10.299	56.0	5.900	+ 4.634	= 10.534
46.1	4.646	+ 5.429	= 10.076	51.1	5.266	+ 5.038	= 10.304	56.1	5.913	+ 4.625	= 10.539
46.2	4.658	+ 5.422	= 10.080	51.2	5.279	+ 5.030	= 10.308	56.2	5.927	+ 4.617	= 10.543
46.3	4.671	+ 5.414	= 10.085	51.3	5.291	+ 5.021	= 10.313	56.3	5.940	+ 4.608	= 10.548
46.4	4.683	+ 5.406	= 10.089	51.4	5.304	+ 5.013	= 10.317	56.4	5.953	+ 4.600	= 10.553
46.5	4.695	+ 5.399	= 10.094	51.5	5.317	+ 5.005	= 10.322	56.5	5.967	+ 4.591	= 10.558
46.6	4.707	+ 5.391	= 10.098	51.6	5.330	+ 4.997	= 10.327	56.6	5.980	+ 4.582	= 10.562
46.7	4.719	+ 5.383	= 10.103	51.7	5.343	+ 4.989	= 10.331	56.7	5.993	+ 4.574	= 10.567
46.8	4.732	+ 5.375	= 10.107	51.8	5.355	+ 4.980	= 10.336	56.8	6.006	+ 4.565	= 10.572
46.9	4.744	+ 5.368	= 10.112	51.9	5.368	+ 4.972	= 10.340	56.9	6.020	+ 4.557	= 10.576
47.0	4.756	+ 5.360	= 10.116	52.0	5.381	+ 4.964	= 10.345	57.0	6.033	+ 4.548	= 10.581
47.1	4.768	+ 5.352	= 10.121	52.1	5.394	+ 4.956	= 10.350	57.1	6.046	+ 4.540	= 10.586
47.2	4.781	+ 5.344	= 10.125	52.2	5.407	+ 4.948	= 10.354	57.2	6.060	+ 4.531	= 10.591
47.3	4.793	+ 5.337	= 10.130	52.3	5.419	+ 4.940	= 10.359	57.3	6.073	+ 4.523	= 10.596
47.4	4.805	+ 5.329	= 10.134	52.4	5.432	+ 4.932	= 10.364	57.4	6.086	+ 4.514	= 10.601
47.5	4.818	+ 5.321	= 10.139	52.5	5.445	+ 4.924	= 10.369	57.5	6.100	+ 4.506	= 10.606
47.6	4.830	+ 5.313	= 10.143	52.6	5.458	+ 4.915	= 10.373	57.6	6.113	+ 4.498	= 10.610
47.7	4.842	+ 5.305	= 10.148	52.7	5.471	+ 4.907	= 10.378	57.7	6.126	+ 4.489	= 10.615
47.8	4.854	+ 5.298	= 10.152	52.8	5.483	+ 4.899	= 10.383	57.8	6.139	+ 4.481	= 10.620
47.9	4.867	+ 5.290	= 10.157	52.9	5.496	+ 4.891	= 10.387	57.9	6.153	+ 4.472	= 10.625
48.0	4.879	+ 5.282	= 10.161	53.0	5.509	+ 4.883	= 10.392	58.0	6.166	+ 4.464	= 10.630
48.1	4.891	+ 5.274	= 10.166	53.1	5.522	+ 4.875	= 10.397	58.1	6.180	+ 4.455	= 10.635
48.2	4.904	+ 5.267	= 10.170	53.2	5.535	+ 4.867	= 10.401	58.2	6.193	+ 4.447	= 10.640
48.3	4.916	+ 5.259	= 10.175	53.3	5.548	+ 4.858	= 10.406	58.3	6.207	+ 4.438	= 10.644
48.4	4.928	+ 5.251	= 10.179	53.4	5.561	+ 4.850	= 10.411	58.4	6.220	+ 4.429	= 10.649
48.5	4.941	+ 5.244	= 10.184	53.5	5.574	+ 4.842	= 10.416	58.5	6.234	+ 4.421	= 10.654
48.6	4.953	+ 5.236	= 10.189	53.6	5.586	+ 4.834	= 10.420	58.6	6.247	+ 4.412	= 10.659
48.7	4.965	+ 5.228	= 10.193	53.7	5.599	+ 4.826	= 10.425	58.7	6.261	+ 4.403	= 10.664
48.8	4.977	+ 5.220	= 10.198	53.8	5.612	+ 4.817	= 10.430	58.8	6.274	+ 4.394	= 10.668
48.9	4.990	+ 5.213	= 10.202	53.9	5.625	+ 4.809	= 10.434	58.9	6.288	+ 4.386	= 10.673
49.0	5.002	+ 5.205	= 10.207	54.0	5.638	+ 4.801	= 10.439	59.0	6.301	+ 4.377	= 10.678
49.1	5.015	+ 5.197	= 10.212	54.1	5.651	+ 4.793	= 10.444	59.1	6.315	+ 4.368	= 10.683
49.2	5.027	+ 5.189	= 10.216	54.2	5.664	+ 4.784	= 10.448	59.2	6.328	+ 4.359	= 10.688
49.3	5.040	+ 5.181	= 10.221	54.3	5.677	+ 4.776	= 10.453	59.3	6.342	+ 4.351	= 10.693
49.4	5.052	+ 5.173	= 10.225	54.4	5.690	+ 4.768	= 10.458	59.4	6.356	+ 4.342	= 10.698
49.5	5.065	+ 5.165	= 10.230	54.5	5.703	+ 4.760	= 10.463	59.5	6.370	+ 4.333	= 10.703
49.6	5.077	+ 5.157	= 10.234	54.6	5.716	+ 4.751	= 10.467	59.6	6.383	+ 4.324	= 10.707
49.7	5.090	+ 5.149	= 10.239	54.7	5.729	+ 4.743	= 10.472	59.7	6.397	+ 4.315	= 10.712
49.8	5.102	+ 5.141	= 10.243	54.8	5.742	+ 4.735	= 10.477	59.8	6.411	+ 4.307	= 10.717
49.9	5.115	+ 5.133	= 10.248	54.9	5.755	+ 4.726	= 10.481	59.9	6.424	+ 4.298	= 10.722

BRIX INTERPOLATION CHART

%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.	%Solids BRIX	Sol. Solids #/s/Gal.	Water #/s/Gal.	Density #/s/Gal.
60.0	6.438	+ 4.289	= 10.727	65.0	7.136	+ 3.841	= 10.977	70.0	7.865	+ 3.369	= 11.234
60.1	6.452	+ 4.280	= 10.732	65.1	7.150	+ 3.832	= 10.982	70.1	7.880	+ 3.359	= 11.239
60.2	6.465	+ 4.272	= 10.737	65.2	7.165	+ 3.822	= 10.987	70.2	7.895	+ 3.350	= 11.244
60.3	6.479	+ 4.263	= 10.742	65.3	7.179	+ 3.813	= 10.992	70.3	7.910	+ 3.340	= 11.250
60.4	6.493	+ 4.254	= 10.747	65.4	7.193	+ 3.804	= 10.997	70.4	7.925	+ 3.330	= 11.255
60.5	6.507	+ 4.246	= 10.752	65.5	7.208	+ 3.795	= 11.002	70.5	7.940	+ 3.321	= 11.260
60.6	6.520	+ 4.237	= 10.757	65.6	7.222	+ 3.785	= 11.007	70.6	7.954	+ 3.311	= 11.265
60.7	6.534	+ 4.228	= 10.762	65.7	7.236	+ 3.776	= 11.012	70.7	7.969	+ 3.301	= 11.270
60.8	6.548	+ 4.219	= 10.767	65.8	7.250	+ 3.767	= 11.017	70.8	7.984	+ 3.291	= 11.276
60.9	6.561	+ 4.211	= 10.772	65.9	7.265	+ 3.757	= 11.022	70.9	7.999	+ 3.282	= 11.281
61.0	6.575	+ 4.202	= 10.777	66.0	7.279	+ 3.748	= 11.027	71.0	8.014	+ 3.272	= 11.286
61.1	6.589	+ 4.193	= 10.782	66.1	7.294	+ 3.739	= 11.032	71.1	8.029	+ 3.262	= 11.291
61.2	6.603	+ 4.184	= 10.787	66.2	7.308	+ 3.729	= 11.037	71.2	8.044	+ 3.252	= 11.297
61.3	6.616	+ 4.175	= 10.792	66.3	7.323	+ 3.720	= 11.043	71.3	8.059	+ 3.243	= 11.302
61.4	6.630	+ 4.166	= 10.797	66.4	7.337	+ 3.711	= 11.048	71.4	8.074	+ 3.233	= 11.307
61.5	6.644	+ 4.158	= 10.802	66.5	7.352	+ 3.702	= 11.053	71.5	8.090	+ 3.223	= 11.313
61.6	6.658	+ 4.149	= 10.806	66.6	7.366	+ 3.692	= 11.058	71.6	8.105	+ 3.213	= 11.318
61.7	6.672	+ 4.140	= 10.811	66.7	7.381	+ 3.683	= 11.063	71.7	8.120	+ 3.203	= 11.323
61.8	6.685	+ 4.131	= 10.816	66.8	7.395	+ 3.674	= 11.069	71.8	8.135	+ 3.194	= 11.328
61.9	6.699	+ 4.122	= 10.821	66.9	7.410	+ 3.664	= 11.074	71.9	8.150	+ 3.184	= 11.334
62.0	6.713	+ 4.113	= 10.826	67.0	7.424	+ 3.655	= 11.079	72.0	8.165	+ 3.174	= 11.339
62.1	6.727	+ 4.104	= 10.831	67.1	7.439	+ 3.646	= 11.084	72.1	8.180	+ 3.164	= 11.344
62.2	6.741	+ 4.095	= 10.836	67.2	7.453	+ 3.636	= 11.089	72.2	8.195	+ 3.154	= 11.350
62.3	6.755	+ 4.086	= 10.841	67.3	7.468	+ 3.627	= 11.094	72.3	8.211	+ 3.144	= 11.355
62.4	6.769	+ 4.077	= 10.846	67.4	7.482	+ 3.617	= 11.099	72.4	8.226	+ 3.134	= 11.360
62.5	6.783	+ 4.068	= 10.851	67.5	7.497	+ 3.608	= 11.105	72.5	8.241	+ 3.125	= 11.366
62.6	6.797	+ 4.059	= 10.856	67.6	7.512	+ 3.598	= 11.110	72.6	8.256	+ 3.115	= 11.371
62.7	6.811	+ 4.050	= 10.861	67.7	7.526	+ 3.589	= 11.115	72.7	8.271	+ 3.105	= 11.376
62.8	6.825	+ 4.041	= 10.866	67.8	7.541	+ 3.579	= 11.120	72.8	8.287	+ 3.095	= 11.381
62.9	6.839	+ 4.032	= 10.871	67.9	7.555	+ 3.570	= 11.125	72.9	8.302	+ 3.085	= 11.387
63.0	6.853	+ 4.023	= 10.876	68.0	7.570	+ 3.560	= 11.130	73.0	8.317	+ 3.075	= 11.392
63.1	6.867	+ 4.014	= 10.881	68.1	7.585	+ 3.551	= 11.135	73.1	8.332	+ 3.065	= 11.397
63.2	6.881	+ 4.005	= 10.886	68.2	7.599	+ 3.541	= 11.140	73.2	8.348	+ 3.055	= 11.403
63.3	6.895	+ 3.996	= 10.891	68.3	7.614	+ 3.532	= 11.146	73.3	8.363	+ 3.045	= 11.408
63.4	6.909	+ 3.987	= 10.896	68.4	7.629	+ 3.522	= 11.151	73.4	8.379	+ 3.035	= 11.414
63.5	6.924	+ 3.978	= 10.901	68.5	7.644	+ 3.513	= 11.156	73.5	8.394	+ 3.025	= 11.419
63.6	6.938	+ 3.968	= 10.906	68.6	7.658	+ 3.503	= 11.161	73.6	8.409	+ 3.015	= 11.424
63.7	6.952	+ 3.959	= 10.911	68.7	7.673	+ 3.494	= 11.166	73.7	8.425	+ 3.005	= 11.430
63.8	6.966	+ 3.950	= 10.916	68.8	7.688	+ 3.484	= 11.172	73.8	8.440	+ 2.995	= 11.435
63.9	6.980	+ 3.941	= 10.921	68.9	7.702	+ 3.475	= 11.177	73.9	8.456	+ 2.985	= 11.441
64.0	6.994	+ 3.932	= 10.926	69.0	7.717	+ 3.465	= 11.182	74.0	8.471	+ 2.975	= 11.446
64.1	7.008	+ 3.923	= 10.931	69.1	7.732	+ 3.455	= 11.187	74.1	8.487	+ 2.965	= 11.451
64.2	7.022	+ 3.914	= 10.936	69.2	7.747	+ 3.446	= 11.192	74.2	8.502	+ 2.955	= 11.457
64.3	7.037	+ 3.905	= 10.941	69.3	7.761	+ 3.436	= 11.198	74.3	8.518	+ 2.944	= 11.462
64.4	7.051	+ 3.896	= 10.946	69.4	7.776	+ 3.427	= 11.203	74.4	8.533	+ 2.934	= 11.467
64.5	7.065	+ 3.887	= 10.952	69.5	7.791	+ 3.417	= 11.208	74.5	8.549	+ 2.924	= 11.473
64.6	7.079	+ 3.877	= 10.957	69.6	7.806	+ 3.407	= 11.213	74.6	8.564	+ 2.914	= 11.478
64.7	7.093	+ 3.868	= 10.962	69.7	7.821	+ 3.398	= 11.218	74.7	8.580	+ 2.904	= 11.483
64.8	7.108	+ 3.859	= 10.967	69.8	7.835	+ 3.388	= 11.224	74.8	8.595	+ 2.893	= 11.488
64.9	7.122	+ 3.850	= 10.972	69.9	7.850	+ 3.379	= 11.229	74.9	8.611	+ 2.883	= 11.494

BRIX INTERPOLATION CHART

%Solids BRIX	Sol. Solids #s/Gal.	Water #s/Gal.	Density #s/Gal.	%Solids BRIX	Sol. Solids #s/Gal.	Water #s/Gal.	Density #s/Gal.	%Solids BRIX	Sol. Solids #s/Gal.	Water #s/Gal.	Density #s/Gal.
75.0	8.626	+ 2.873	= 11.499	80.0	9.418	+ 2.355	= 11.773	85.0	10.244	+ 1.810	= 12.054
75.1	8.641	+ 2.863	= 11.505	80.1	9.434	+ 2.344	= 11.779	85.1	10.261	+ 1.799	= 12.060
75.2	8.657	+ 2.853	= 11.510	80.2	9.451	+ 2.333	= 11.784	85.2	10.278	+ 1.787	= 12.065
75.3	8.672	+ 2.843	= 11.516	80.3	9.467	+ 2.323	= 11.790	85.3	10.296	+ 1.776	= 12.071
75.4	8.688	+ 2.833	= 11.521	80.4	9.483	+ 2.312	= 11.795	85.4	10.313	+ 1.764	= 12.077
75.5	8.703	+ 2.824	= 11.527	80.5	9.500	+ 2.301	= 11.801	85.5	10.330	+ 1.753	= 12.083
75.6	8.718	+ 2.814	= 11.532	80.6	9.516	+ 2.290	= 11.806	85.6	10.347	+ 1.741	= 12.088
75.7	8.734	+ 2.804	= 11.538	80.7	9.532	+ 2.279	= 11.812	85.7	10.364	+ 1.730	= 12.094
75.8	8.749	+ 2.794	= 11.543	80.8	9.548	+ 2.269	= 11.817	85.8	10.382	+ 1.718	= 12.100
75.9	8.765	+ 2.784	= 11.549	80.9	9.565	+ 2.258	= 11.823	85.9	10.399	+ 1.707	= 12.105
76.0	8.780	+ 2.774	= 11.554	81.0	9.581	+ 2.247	= 11.828	86.0	10.416	+ 1.695	= 12.111
76.1	8.796	+ 2.764	= 11.559	81.1	9.597	+ 2.236	= 11.834	86.1	10.433	+ 1.684	= 12.117
76.2	8.812	+ 2.753	= 11.565	81.2	9.614	+ 2.225	= 11.839	86.2	10.450	+ 1.672	= 12.122
76.3	8.827	+ 2.743	= 11.570	81.3	9.630	+ 2.215	= 11.845	86.3	10.467	+ 1.661	= 12.128
76.4	8.843	+ 2.732	= 11.576	81.4	9.647	+ 2.204	= 11.850	86.4	10.484	+ 1.650	= 12.134
76.5	8.859	+ 2.722	= 11.581	81.5	9.663	+ 2.193	= 11.856	86.5	10.501	+ 1.639	= 12.140
76.6	8.875	+ 2.712	= 11.586	81.6	9.679	+ 2.182	= 11.862	86.6	10.518	+ 1.627	= 12.145
76.7	8.891	+ 2.701	= 11.592	81.7	9.696	+ 2.171	= 11.867	86.7	10.535	+ 1.616	= 12.151
76.8	8.906	+ 2.691	= 11.597	81.8	9.712	+ 2.161	= 11.873	86.8	10.552	+ 1.605	= 12.157
76.9	8.922	+ 2.680	= 11.603	81.9	9.729	+ 2.150	= 11.878	86.9	10.569	+ 1.593	= 12.162
77.0	8.938	+ 2.670	= 11.608	82.0	9.745	+ 2.139	= 11.884	87.0	10.586	+ 1.582	= 12.168
77.1	8.954	+ 2.660	= 11.614	82.1	9.762	+ 2.128	= 11.890	87.1	10.603	+ 1.571	= 12.174
77.2	8.970	+ 2.649	= 11.619	82.2	9.778	+ 2.117	= 11.895	87.2	10.621	+ 1.559	= 12.180
77.3	8.986	+ 2.639	= 11.625	82.3	9.795	+ 2.106	= 11.901	87.3	10.638	+ 1.548	= 12.185
77.4	9.002	+ 2.628	= 11.630	82.4	9.811	+ 2.095	= 11.906	87.4	10.655	+ 1.536	= 12.191
77.5	9.018	+ 2.618	= 11.636	82.5	9.828	+ 2.085	= 11.912	87.5	10.673	+ 1.525	= 12.197
77.6	9.033	+ 2.608	= 11.641	82.6	9.844	+ 2.074	= 11.918	87.6	10.690	+ 1.513	= 12.203
77.7	9.049	+ 2.597	= 11.647	82.7	9.861	+ 2.063	= 11.923	87.7	10.707	+ 1.502	= 12.209
77.8	9.065	+ 2.587	= 11.652	82.8	9.877	+ 2.052	= 11.929	87.8	10.724	+ 1.490	= 12.214
77.9	9.081	+ 2.576	= 11.658	82.9	9.894	+ 2.041	= 11.934	87.9	10.742	+ 1.479	= 12.220
78.0	9.097	+ 2.566	= 11.663	83.0	9.910	+ 2.030	= 11.940	88.0	10.759	+ 1.467	= 12.226
78.1	9.113	+ 2.556	= 11.668	83.1	9.927	+ 2.019	= 11.946	88.1	10.776	+ 1.455	= 12.232
78.2	9.129	+ 2.545	= 11.674	83.2	9.944	+ 2.008	= 11.951	88.2	10.794	+ 1.444	= 12.238
78.3	9.145	+ 2.535	= 11.679	83.3	9.960	+ 1.997	= 11.957	88.3	10.811	+ 1.432	= 12.243
78.4	9.161	+ 2.524	= 11.685	83.4	9.977	+ 1.986	= 11.963	88.4	10.829	+ 1.421	= 12.249
78.5	9.177	+ 2.514	= 11.690	83.5	9.994	+ 1.975	= 11.969	88.5	10.846	+ 1.409	= 12.255
78.6	9.192	+ 2.503	= 11.695	83.6	10.011	+ 1.963	= 11.974	88.6	10.863	+ 1.397	= 12.261
78.7	9.208	+ 2.493	= 11.701	83.7	10.028	+ 1.952	= 11.980	88.7	10.881	+ 1.386	= 12.267
78.8	9.224	+ 2.482	= 11.706	83.8	10.044	+ 1.941	= 11.986	88.8	10.898	+ 1.374	= 12.272
78.9	9.240	+ 2.472	= 11.712	83.9	10.061	+ 1.930	= 11.991	88.9	10.916	+ 1.363	= 12.278
79.0	9.256	+ 2.461	= 11.717	84.0	10.078	+ 1.919	= 11.997	89.0	10.933	+ 1.351	= 12.284
79.1	9.272	+ 2.450	= 11.723	84.1	10.095	+ 1.908	= 12.003	89.1	10.951	+ 1.339	= 12.290
79.2	9.288	+ 2.440	= 11.728	84.2	10.111	+ 1.897	= 12.008	89.2	10.968	+ 1.328	= 12.296
79.3	9.305	+ 2.429	= 11.734	84.3	10.128	+ 1.886	= 12.014	89.3	10.986	+ 1.316	= 12.301
79.4	9.321	+ 2.419	= 11.739	84.4	10.144	+ 1.875	= 12.020	89.4	11.003	+ 1.304	= 12.307
79.5	9.337	+ 2.408	= 11.745	84.5	10.161	+ 1.865	= 12.026	89.5	11.021	+ 1.293	= 12.313
79.6	9.353	+ 2.397	= 11.751	84.6	10.178	+ 1.854	= 12.031	89.6	11.038	+ 1.281	= 12.319
79.7	9.369	+ 2.387	= 11.756	84.7	10.194	+ 1.843	= 12.037	89.7	11.056	+ 1.269	= 12.325
79.8	9.386	+ 2.376	= 11.762	84.8	10.211	+ 1.832	= 12.043	89.8	11.073	+ 1.257	= 12.330
79.9	9.402	+ 2.366	= 11.767	84.9	10.227	+ 1.821	= 12.048	89.9	11.091	+ 1.246	= 12.336