



Dilution Rate for Common Products

Instruction: use the table below to determine the amount of water to one part of juice concentrate.

Description	Brix of Juice Concentrate	Target Brix	Parts of Water (w/w)*	Parts of Water (v/v)*
Apple	70	11.5	6.1	6.8
Apricot	65	11.7	5.6	6.0
Banana	70	22.0	3.2	2.9
Blackberry	68	10.0	6.8	7.7
	65		6.5	7.2
Blueberry	65	10.0	6.5	7.2
Boysenberry	65	10.0	6.5	7.2
Butternut Squash	60	8.0	7.5	8.4
Carrot	70	8.0	8.8	10.4
	50		6.3	6.4
Celery	45	3.1	14.5	16.2
Cherry, Dark Sweet	68	20.0	3.4	3.2
	65		3.3	3.0
Cherry, Red Sour	68	14.0	4.9	5.1
Cranberry	50	7.5	6.7	7.0
Cucumber	45	3.2	14.1	15.7
Currant, Black	65	11.0	5.9	6.5
Currant, Red	65	10.5	6.2	6.8
Elderberry	65	11.0	5.9	6.5
	45		4.1	3.7
Fig	70	18.2	3.8	3.8
Grape	68	16.0	4.3	4.3
Kiwi	65	15.4	4.2	4.2
Lemon	45	4.5	10.0	10.8
Lime	45	4.5	10.0	10.8
Loganberry	68	10.5	6.5	7.3
	65		6.2	6.8
Mango	70	13.0	5.4	5.9
	65		5.0	5.3

Description	Brix of Juice Concentrate	Target Brix	Parts of Water (w/w)*	Parts of Water (v/v)*
Onion	70	4.0	17.5	22.2
Orange	65	11.8	5.5	5.9
Passion Fruit	65	14.0	4.6	4.8
	50		3.6	3.2
Peach	70	10.5	6.7	7.6
	68		6.5	7.3
	45		4.3	3.9
Pear	70	12.0	5.8	6.5
Pineapple	65	12.8	5.1	5.4
Plum	68	14.3	4.8	5.8
Pomegranate	65	16.0	4.1	4.0
Prune	65	18.5	3.5	3.3
Pumpkin	42	7.0	6.0	1.5
	40		5.7	5.5
Raspberry, Black	45	11.1	4.1	3.7
Raspberry, Red	65	9.2	7.1	8.0
	45		4.9	4.7
Red Beet	70	8.0	8.8	10.4
Rhubarb	40	5.7	7.0	7.1
Strawberry	68	8.0	8.5	14.6
	65		8.1	9.4
	51		6.4	6.6
	50		6.3	6.4
Sweet Potato	36	10.0	4.5	4.0
	50		5.0	4.9
Tangerine	62	11.8	5.3	5.5
Watermelon	65	7.8	8.3	5.9
	45		5.8	5.7

*(w/w) - weight to weight basis | (v/v) - volume to volume basis

Souces: USDA and internal data