

Some every-day foods as sewage

The following table gives you the load of a sewage treatment plant as gram pollutant per kilogram food. (g/kg)

Hopefully it's helpful to you too.

Product	pH	COD	BOD ₅	Kjeldahl Nitrogen	Total Phosporus	BOD ₅ People-Equivalents
	-	g O ₂ /kg	g O ₂ /kg	g N/kg	g P/kg	Equiv./kg food
Wheat flour	-	1,500	390	17.4	1.1	7.8
Sugar	-	1,100	930	0.16	0.020	19
Beer (Lager)	4.3	125	84	0.65	0.41	1.7
Sweet cider	3.3	120	89	0.14	0.085	1.8
Milk (cow)	6.6	180	135	8.5	0.92	2.7
Whey (Swiss cheese ¹)	6.4	56	50	1.1	-	1.0
Cream (cow)	6.7	1,104	565	3.15	0.71	11.3
Whey-cream (cow)	6.3	1,024	593	1.81	0.29	11.9
Jogurt	4.1	220	195	13.4	1.9	3.9
Egg (without shell)	7.5	490	350	46	4.0	7.0
Wine (Beaujolais)	3.1	320	155	0.17	0.076	3.1
Blood (pig)	7.7	270	110	14.2	0.17	2.2

The biological equivalents are calculated using the Swiss basis of 50 g BOD₅/day determined in settled sewage.

1) Note, for making Swiss cheese, the milk is diluted with 10% water prior to precipitation

This table has first been published in "KA-Betriebsinfo 1/1995", a Swiss waste water operators magazine and has been supplemented meanwhile.