

Average Amount of Apple Juice Produced by Different Enzymes

(Enzymes at 1 mg/mL in 50 mM Tris, 5 mM CaCl₂, pH 7.2, 800μL treatments)

Enzyme	Trials	Volume after 30 min (mL)	Volume after 60 min (mL)	Volume after 48 hrs (mL)
Cellulase	#1	0.66	1.3	4.3
	#2	0.33	0.89	4.36
	#3	0.91	2.24	—
	#4	0.63	2.13	3.49
	Average	0.63	1.64	4.05
Pectinase	#1	2.83	4.5	7.37
	#2	3.63	6.05	10.37
	#3	2.67	4.02	7.86
	#4	3.33	6.36	10.13
	Average	3.12	5.23	8.93
Protease	#1	0.25	1.45	3.06
	#2	0.197	1.02	3.71
	#3	0.11	0.49	2.27
	#4	0.43	0.83	0.83
	Average	0.25	0.95	2.47
Mixture (Cellulase/Pectinase, 400 μL each)	Average	2.05	5.33	6.72
Negative Control	#1	0	0	0.36
	#2	0.06	0.09	0.46
	Average	0.03	0.05	0.41