

Table 1. Effect of biopriming with extracts of *C. papaya* on growth of mash bean and cowpea.

Treatments	Mash bean					Cowpea				
	Shoot weight (gm)	Shoot length (cm)	Root weight (gm)	Root length (cm)	No. of nodules	Shoot weight (gm)	Shoot length (cm)	Root weight (gm)	Root length (cm)	No. of nodules
Control	0.25	6.2	0.02	2.66	2.73	1.05	11.63	0.2	2.96	4.86
5 min <i>C. papaya</i> seed extract	0.36	13.16	0.06	5.26	7.6	1.91	19.1	0.40	6.99	12.51
10 min <i>C. papaya</i> seed extract	0.39	15.4	0.11	4.63	4.96	1.62	20.84	0.33	9.23	13.3
20 min <i>C. papaya</i> seed extract	0.42	15.86	0.10	6.06	10.33	2.09	23.63	0.49	10.37	14.22
40 min <i>C. papaya</i> seed extract	0.51	17.4	0.37	7.4	12.17	2.26	25.06	0.65	11.21	15.63
5 min <i>C. papaya</i> fruit extract	0.47	14.53	0.05	5.9	9.3	1.08	15.2	0.3	4.77	6.89
10 min <i>C. papaya</i> fruit extract	0.38	15.6	0.06	5.53	9.33	1.08	18.2	0.28	7.83	7.55
20 min <i>C. papaya</i> fruit extract	0.57	17.5	0.086	5.73	4.2	1.39	21.23	0.25	11.63	8.73
40 min <i>C. papaya</i> fruit extract	0.60	18.63	0.173	9.26	6.63	1.61	23.96	0.58	12.36	12.83
5 min <i>C. papaya</i> leaf extract	0.26	13.53	0.04	5.76	3.1	1.68	18.53	0.24	4.73	6.1
10 min <i>C. papaya</i> leaf extract	0.43	14.63	0.11	5.06	3.53	1.71	20.2	0.30	6.06	7.32
20 min <i>C. papaya</i> leaf extract	0.57	14.86	0.05	5.13	4.66	1.89	20.15	0.34	8.93	8.57
40 min <i>C. papaya</i> leaf extract	0.59	19.83	0.12	7.23	12.53	1.96	21.73	0.44	8.63	10.5
LSD_{0.05}=	0.233	5.711	0.227	3.562	6.666	0.891	6.303	0.259	3.585	8.348

Table 2. Effect of biopriming with extracts of *C. papaya* in the control of root rot fungi on mash bean and cowpea.

Treatments	Mash bean			Cowpea		
	<i>Macrophomina phaseolina</i>	<i>Fusarium spp.</i>	<i>Rhizoctonia solani</i>	<i>Macrophomina phaseolina</i>	<i>Fusarium spp.</i>	<i>Rhizoctonia solani</i>
Control	51.06	35.5	44.43	46.63	44.43	17.76
5 min <i>C. papaya</i> seed extract	37.73	26.6	6.63	24.43	26.63	15.5
10 min <i>C. papaya</i> seed extract	37.73	28.86	2.2	17.73	19.96	8.86
20 min <i>C. papaya</i> seed extract	11.1	19.9	0	8.86	15.53	4.43
40 min <i>C. papaya</i> seed extract	8.86	0	0	2.2	11.1	0
5 min <i>C. papaya</i> fruit extract	37.7	26.63	2.2	24.4	33.3	0
10 min <i>C. papaya</i> fruit extract	24.43	24.4	4.43	17.73	31.06	0
20 min <i>C. papaya</i> fruit extract	26.63	8.86	2.2	11.1	13.3	0
40 min <i>C. papaya</i> fruit extract	24.43	0	0	8.85	2.2	0
5 min <i>C. papaya</i> leaf extract	46.63	33.3	13.3	17.76	24.4	11.06
10 min <i>C. papaya</i> leaf extract	22.16	22.1	6.66	8.86	13.3	11.1
20 min <i>C. papaya</i> leaf extract	24.4	22.2	0	6.63	8.86	6.66
40 min <i>C. papaya</i> leaf extract	17.76	17.73	0	4.43	8.83	0
LSD_{0.05}=	30.19	19.21	11.866	23.554	22.934	16.406