

1. Inhibition Percentage of crude rhamnolipid samples against mycelia of *Corynespora cassiicola* performed in three replicates

100	200	300	400	500	600	800	1000
29.08	37.85	41.12	48.48	53.7	58.36	62.18	68.1
29.1	37.2	41.9	49.86	53.5	58	62.57	67.8
29.71	37.4	41.71	48.48	53.29	58.9	61.86	67.94

*100-100 mg/L, 200- 200 mg/L, 300- 300 mg/L, 400- 400 mg/L, 500- 500 mg/L, 600- 600 mg/L, 800- 800 mg/L, 1000-1000 mg/L

2. Inhibition Percentage of column purified rhamnolipid samples against mycelia of *C. cassiicola* performed in three replicates

100	200	300	400	500	600	800	1000
29	37	43	49.22	55.44	61.41	66	78.5
28.55	38.22	45.5	48.25	55.37	62	65.6	77.24
30.55	37.88	42.89	49.95	54.26	63	64.58	77

*100-100 mg/L, 200- 200 mg/L, 300- 300 mg/L, 400- 400 mg/L, 500- 500 mg/L, 600- 600 mg/L, 800- 800 mg/L, 1000-1000 mg/L

3. IC₅₀ of crude column purified rhamnolipid samples against mycelia of *C. cassiicola* performed in three replicates

crude	column purified
490.83623	441.11483
487.7079	436.47818
489.62341	436.9615

4. Inhibition Percentage of crude rhamnolipid samples against spores of *C. cassiicola* performed in three replicates

25	50	100	200	300	400	500	600	800	1000
24.33	27.74	32.01	38.48	46.2	51.88	56.68	61.02	67.48	74.71
24.97	28.4	31.99	38.86	46.53	52.05	56.19	60.86	67.22	73.56
24.61	27.55	31.72	39.11	45.77	51.39	55.99	61.23	67.46	74.14

*25- 25 mg/L, 50- 50 mg/L, 100-100 mg/L, 200- 200 mg/L, 300- 300 mg/L, 400- 400 mg/L, 500- 500 mg/L, 600- 600 mg/L, 800- 800 mg/L, 1000-1000 mg/L

5. Inhibition Percentage of column purified rhamnolipid samples against spores of *C. cassiicola* performed in three replicates

25	50	100	200	300	400	500	600	800	1000
26.11	30.66	37.35	43.22	47.18	53.46	60.9	65.71	71.09	76.88
25.87	30.89	37.71	42.99	47.59	53.93	60.31	64.26	72	76
25.86	31.08	37.82	42.79	47.66	53.37	60.45	65.11	72.54	76.27

*25- 25 mg/L, 50- 50 mg/L, 100-100 mg/L, 200- 200 mg/L, 300- 300 mg/L, 400- 400 mg/L, 500- 500 mg/L, 600- 600 mg/L, 800- 800 mg/L, 1000-1000 mg/L

6. IC₅₀ of crude column purified rhamnolipid samples against spores of *C. cassiicola* performed in three replicates

	column purified
435.28558	373.05088
436.21	374.73963
438.65403	372.238

7. Shoot lengths of *C. cassiicola* infected king chilli seeds after treatment with rhamnolipid samples and bavistin

control	50	100	250	500	750	bavistin
1.04	1.5	1.61	1.89	2.33	2.32	2.29
1.06	1.45	1.65	1.91	2.21	2.25	2.22
1.03	1.52	1.69	1.84	2.3	2.24	2.3

*50- 50 mg/L, 100-100 mg/L, 250- 250 mg/L, 500- 500 mg/L, 750- 750 mg/L of rhamnolipid

8. Root lengths of *C. cassiicola* infected king chilli seeds after treatment with rhamnolipid samples and bavistin

control	50	100	250	500	750	bavistin
0.49	0.59	0.71	0.89	1.12	1.19	1.13
0.44	0.6	0.66	0.92	1.09	1.15	1.08
0.41	0.53	0.74	0.95	1.04	1.08	1.11

*50- 50 mg/L, 100-100 mg/L, 250- 250 mg/L, 500- 500 mg/L, 750- 750 mg/L of rhamnolipid

9. Percentage of disease during preventive treatment by rhamnolipid and bavistin in *C. cassiicola* infected king chilli plants

Control	50	500	1000	bavistin
74	71	58	53	52
74	70	58	49	52
76	71	60	50	53

*50- 50 mg/L, 500- 500 mg/L, 1000-1000 mg/L of rhamnolipid

10. Percentage of disease during curative treatment by rhamnolipid and bavistin in *C. cassiicola* infected king chilli plants

Control	50	500	1000	bavistin
74	73	63	51	53
74	72	62	53	54
76	74	61	53	55

*50- 50 mg/L, 500- 500 mg/L, 1000-1000 mg/L of rhamnolipid

11. Percentage of disease during post harvest management of *C. cassiicola* infected king chilli fruits by applying rhamnolipid

50	100	250	500	750	1000	bavistin
11	18	23	30	44	50	50
11	20	24	33	47	53	48
12	19	27	32	45	52	50

*50- 50 mg/L, 100-100 mg/L, 250- 250 mg/L, 500- 500 mg/L, 750- 750 mg/L, 1000- 1000 mg/L of rhamnolipid