

Table 4. Repellency of essential oils on *S. oryzae*

Sl. No.	Treatments	1 HAT						3 HAT						6 HAT						12 HAT					
		Mean Adult individuals		PR (%)	IR	Mean Adult individuals		PR (%)	IR	Mean Adult individuals		PR (%)	IR	Mean Adult individuals		PR (%)	IR	Mean Adult individuals		PR (%)	IR				
		T	UT			T	UT			T	UT			T	UT			T	UT			T	UT	T	UT
1	Eucalyptus oil @ 0.5 µl/g	13.33	86.67	73.33	0.27	20.00	80.00	73.33	0.40	13.33	86.67	73.33	0.27	26.67	73.33	46.67	0.53	13.33	86.67	73.33	0.27	26.67	73.33	46.67	0.53
2	Eucalyptus oil @ 1.0 µl/g	6.67	93.33	86.67	0.13	6.67	93.33	86.67	0.13	6.67	93.33	86.67	0.13	20.00	80.00	60.00	0.40	6.67	93.33	86.67	0.13	20.00	80.00	60.00	0.40
3	Eucalyptus oil @ 1.5 µl/g	6.67	93.33	86.67	0.13	6.67	93.33	86.67	0.13	6.67	93.33	86.67	0.13	20.00	80.00	60.00	0.40	6.67	93.33	86.67	0.13	20.00	80.00	60.00	0.40
4	Eucalyptus oil @ 2.0 µl/g	0.00	100.00	100.00	0.00	6.67	93.33	86.67	0.13	13.33	86.67	73.33	0.27	13.33	86.67	73.33	0.27	13.33	86.67	73.33	0.27	13.33	86.67	73.33	0.27
5	Cinnamon oil @ 0.5 µl/g	26.67	73.33	46.67	0.53	46.67	53.33	6.67	1.07	46.67	53.33	6.67	0.93	53.33	46.67	6.67	1.07	53.33	46.67	6.67	0.93	53.33	46.67	6.67	1.07
6	Cinnamon oil @ 1.0 µl/g	13.33	86.67	73.33	0.27	46.67	53.33	6.67	0.93	40.00	60.00	20.00	0.80	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.80	46.67	53.33	6.67	0.93
7	Cinnamon oil @ 1.5 µl/g	20.00	80.00	60.00	0.40	40.00	60.00	20.00	0.40	33.33	66.67	33.33	0.67	33.33	66.67	33.33	0.67	33.33	66.67	33.33	0.67	33.33	66.67	33.33	0.67
8	Cinnamon oil @ 2.0 µl/g	26.67	73.33	46.67	0.53	26.67	73.33	46.67	0.53	26.67	73.33	46.67	0.53	26.67	73.33	46.67	0.53	26.67	73.33	46.67	0.53	26.67	73.33	46.67	0.53
9	Orange oil @ 0.5 µl/g	13.33	86.67	73.33	0.27	33.33	66.67	73.33	0.27	33.33	66.67	73.33	0.27	33.33	66.67	73.33	0.27	33.33	66.67	73.33	0.27	33.33	66.67	73.33	0.27
10	Orange oil @ 1.0 µl/g	20.00	80.00	60.00	0.40	26.67	73.33	46.67	0.33	33.33	66.67	33.33	0.33	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.33	46.67	53.33	6.67	0.93
11	Orange oil @ 1.5 µl/g	20.00	80.00	60.00	0.40	20.00	80.00	60.00	0.40	20.00	80.00	60.00	0.40	20.00	80.00	60.00	0.40	20.00	80.00	60.00	0.40	20.00	80.00	60.00	0.40
12	Orange oil @ 2.0 µl/g	20.00	80.00	60.00	0.40	13.33	86.67	73.33	0.40	13.33	86.67	73.33	0.40	13.33	86.67	73.33	0.40	13.33	86.67	73.33	0.40	13.33	86.67	73.33	0.40
13	Untreated check	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.93	46.67	53.33	6.67	0.93

HAT- Hours after treatment; UT- Untreated; T- Treated; PR - Per cent Repellency; IR- Index of Repellence

