Table 1 Fungal species and their products tested against mosquito vectors in laboratory and field

S.N	Fungal species tested	Fungal product	Mosquito species	Mosquito stage
1	*Metarhizium anisopliae*	Conidia, metabolites	*Anopheles gambiae s.s, A. funestus, A. stephensi, Culex quinquefasciatus,*	Adults, larvae (Farenhorest et al., 2009)
2	*Beauveria bassiana*	Conidia, metabolites	*A. gambiae s.s*	
3	*Isaria fumosurosea, I. farinosoa, I. flavovirescens, Lacanicillium* spp.	Spores	*Aedes aegypti*	Adults (Darbro et al., 2009)
4	*Leptogonia sp.*	Spores	*A. albopictus, M.titillans, M. dyari*	Larvae (Fukuda et al., 1997; Lord and Fukuda, 1990)
5	*Leptolegnia chapmanii*	Spores	*A. aegypti, A. albimanus, A. quqadrimaculatus, C. quinquefasciatus, Oc. taeniorhynchus, Oc. triseriatus*	Larvae (Lord and Fukuda, 1990)
6	*Leptolegnia caudate*	Spores	*A. culicifacies*	Larvae (Bisht et al., 1996)
7	*Pythium carolinianum*	Spores	*A. albopictus C. quinquefasciatus*	(Su et al., 2001)
8	*Lagenidium giganteum*	Spores, metabolites	*A. aegypti, A. gambiae, A. freeborni, A. quadrimaculutus, C. pipiens, A. stephensi*	Larvae (Rueda et al., 1990; Golkar et al., 1993; Kerwin et al., 1994; Rueda et al., 1991; Patel et al., 1990; Orduz and Axtell, 1991; Woodring et al., 1995; Singh and Prakash, 2010a)
9	*Coelomomyces angolensis*	Spores	*C. guiarti*	Larvae (Ribeiro, 1992)
10	*Coelomomyces indicus*	Spores	*A. indifenitus, A. stephensi, A. vagus*	Larvae (Whisler et al., 1999)
11	*Coelomomyces irani*	Spores	*A. maculipennis*	Larvae (Weiser et al., 1991a)
12	*Coelomomyces numularius*	Spores	*A. squamosus*	Larvae (Ribeiro and Da Cunha Ramos, 2000)
13	*Coelomomyces pentangulatus*	Spores	*C. erraticus*	Larvae (Ribeiro and Da Cunha Ramos, 2000)
14	*C. psorophorae var. tasmaniensis*	Spores	*Oc. Australis Op. fuscus*	Larvae (Buchanan and Pillai, 1990)
15	*C. stegomyiae var. stegomyiae*	Spores	*A. aegypti, A. albopictus*	Larvae, Adults (Shoulkamy et al., 1997; Lucarotti and Shoulkamy, 2000)
16	*Entomophthora destruens*	Spores	*C. pipiens*	Adults (Cuebas-Incle, 1992)
17	*Entomophthoraceae*	Spores	*C. pipiens*	Adults (Cuebas-Incle, 1992)
18	*Fusarium culmorum*	Spores	*C. pipiens*	Pupae (Ram and Mzy, 1995)
19	*Fusarium pallidoroseum*	Spores	*A. stephensi*	Larvae (Ravindranath, 1991)
20	*Fusarium semitectum*	Spores	*A. stephensi*	Larvae (Sur et al., 1999)
21	*Geotrichum candidum*	Spores	*A. pionysis, A. stephensi*	Larvae (Sur et al., 1999)
22	*Paecilomyces lilacinus*	Spores	*A. aegypti*	Larvae (Agarwala et al., 1999)
23	*Tolypocladium cylindrosporum*	Spores	*Oc. triseriatus*	Larvae (Nadeau and Boisvert, 1994)
24	*Trichophyton ajelloi*	Spores	*A. stephensi, C. quinquefasciatus*	Larvae (Mohanty and Prakash, 2000)
25	*Verticillium lecanii*	Metabolites Nanoparticles	*A. stephensi, A. aegypti C. quinquefasciatus*	Larvae, adults (Soni and Prakash, 2010; 2012a, Singh and Prakash 2012b)
26	*Chrysosporium keretinophillum*	Metabolites Nanoparticles	*A. stephensi, A. aegypti C. quinquefasciatus*	Larvae, adults (Soni and Prakash, 2010; 2012a)
27	*Aspergillus niger*	Metabolites Nanoparticles	*A. stephensi, A. aegypti C. quinquefasciatus*	Larvae, adults (Soni and Prakash, 2012b)
28	*Fusarium oxysporum*	Metabolites Nanoparticles	*A. stephensi, A. aegypti C. quinquefasciatus*	Larvae, adults (Soni and Prakash, 2010; 2012a)
29	*Culicinomyces clavisporus*	Metabolites	*A. stephensi, A. aegypti C. quinquefasciatus*	Adults (Singh and Prakash 2012)
30	*Trichophyton ajelloi*	Metabolites	*A. stephensi, A. aegypti C. quinquefasciatus*	Adults (Singh and Prakash, 2012a)