

Supplementary Materials

Table S1. Composition of medium.

Media	Composition							Water (mL)
	Broken rice (g)	Wheat bran (g)	Rice bran (g)	Corn bran (g)	Rice husks (g)	Coffee husks (g)	Sugarcane bagasse (g)	
M1	25	0	0	0	0	0	0	20
M2	15	7.5	0	0	2.5	0	0	20
M3	15	7.5	0	0	0	2.5	0	20
M4	15	7.5	0	0	0	0	2.5	20
M5	15	0	7.5	0	2.5	0	0	20
M6	15	0	7.5	0	0	2.5	0	20
M7	15	0	7.5	0	0	0	2.5	20
M8	15	0	0	7.5	2.5	0	0	20
M9	15	0	0	7.5	0	2.5	0	20
M10	15	0	0	7.5	0	0	2.5	20

Table S2. Location of sample collection and GenBank accession number of isolated *Penicillium citrinum*.

Isolate	Sample	Location of sample collection	GenBank accession number
P01	Infected insect	Xuan Tho, Di Linh, Lam Dong, Vietnam	OQ745802
P02	Infected insect	Bao Thuan, Di Linh, Lam Dong, Vietnam	OQ745803
P03	Infected insect	Bao Thuan, Di Linh, Lam Dong, Vietnam	OQ745804
P04	Infected insect	Phuoc Thanh, Cu Chi, Ho Chi Minh City, Vietnam	OQ745805
P05	Infected insect	Nghia Duc, Gia Nghia, Dak Nong, Vietnam	OQ745806
P06	Infected insect	Nghia Trung, Gia Nghia, Dak Nong, Vietnam	OQ745807
P07	Infected insect	Dak R'Moan, Gia Nghia, Dak Nong, Vietnam	OQ745808
P08	Infected insect	Long Dinh, Can Duoc, Long An, Vietnam	OQ745809
P09	Infected insect	Long Huu Dong, Can Duoc, Long An, Vietnam	OQ745810
P10	Infected insect	Tan Thanh, Can Duoc, Long An, Vietnam	OQ745811



(A)



(B)

Figure S1. Dead *Spodoptera litura* (A) and *Plutella xylostella* (B) infected by isolated *Penicillium citrinum* in the pathogenicity test.