

Table 1: Compatibility of chemistries with commercially available whitefly natural enemies across laboratory, semi-field and greenhouse studies.

Citation	Natural Enemy (NE)	NE Group	Tested Site	Study Setting	Reported Compatible	Reported Least Compatible	Reported Harmful
Shafaei et al., 2026	<i>Encarsia formosa</i> Gahan	Pa	L	buprofezin, emamectin benzoate, spinosad	buprofezin*	NA	emamectin benzoate, spinosad
Wang et al., 2026	<i>E. formosa</i>	Pa	L	thiamethoxam	NA	NA	thiamethoxam
Warsi et al., 2026	<i>Beauveria bassiana</i> (Bals.-Criv.) Vuill. ^a	EP	L#, PI**(squash)	cyantraniliprole, imidacloprid	cyantraniliprole, imidacloprid	NA	NA
Dadras et al., 2025	<i>E. formosa</i>	Pa	L	thiamethoxam + lambda-cyhalothrin	NA	NA	thiamethoxam + lambda-cyhalothrin
Drobnjaković et al., 2025	<i>E. formosa</i>	Pa	L	spinetoram	NA	NA	spinetoram
Budia et al., 2025	<i>Eretmocerus eremicus</i> Rose & Zolnerowich	Pa	L, F#	imidacloprid, spiropidion ¹ , spirotetramat	spiropidion ⁱ	spirotetramat	imidacloprid
Ahmed et al., 2025	<i>Chrysoperla carnea</i> Stephens	Pr	F (cauliflower)	emamectin benzoate, lambda-cyhalothrin, methomyl, thiamethoxam	thiamethoxam	NA	emamectin benzoate, lambda-cyhalothrin, methomyl
Kaviya et al., 2025	<i>B. bassiana</i>	EP	F (guava)	fipronil	fipronil	NA	NA
Wichienchote et al., 2025	<i>B. bassiana</i> ^b	EP	F (cassava)	buprofezin, neem oil	neem oil	buprofezin	NA
Khan et al., 2025	<i>Isaria fumosorosea</i> (Wize)	EP	L#	pyraclostrobin + boscalid ^{2a} , carbendazim, copper sulfate ^{2b} , metalaxyl + mancozeb ^{2c}	carbendazim, copper sulfate, metalaxyl + mancozeb	NA	pyraclostrobin + boscalid

Mohammad and Karut, 2024	<i>Eretmocerus mundus</i> Mercet	Pa	L	acetamiprid, imidacloprid, thiamethoxam, spinetoram, sulfoxaflor	acetamiprid, imidacloprid, thiamethoxam*	NA	spinetoram ⁱ , sulfoxaflor ⁱ
Dearlove et al., 2024	<i>B. bassiana</i>	EP	L*	spiromesifen	spiromesifen	NA	NA
Yang et al., 2024a	<i>E. formosa</i>	Pa	L*	spirotetramat	NA	NA	spirotetramat
Yang et al., 2024b	<i>E. formosa</i>	Pa	L	spirotetramat	NA	NA	spirotetramat
Campos et al., 2023	<i>Orius insidiosus</i> Say	Pr	Pl#	cyantraniliprole, thiamethoxam	cyantraniliprole	NA	thiamethoxam
Bevilaqua et al., 2023	<i>B. bassiana</i> ^c	EP	F (soybean)	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	NA	NA
Bevilaqua et al., 2023	<i>B. bassiana</i> ^d	EP	F (soybean)	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	NA	NA
Bevilaqua et al., 2023	<i>B. bassiana</i> ^e	EP	F (soybean)	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	NA	NA
Bevilaqua et al., 2023	<i>I. fumosorosea</i> ¹	EP	F (soybean)	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	acetamiprid + bifenthrin, dinotefuran + pyriproxyfen	NA	NA
Yang et al., 2022	<i>E. formosa</i>	Pa	L	spirotetramat	spirotetramat ⁱⁱ	NA	spirotetramat ⁱⁱ
Barghout et al., 2022	<i>Amblyseius swirskii</i> Athias-Henriot	PrM	PT	thiamethoxam + vegetable oil ³	thiamethoxam + vegetable oil	NA	NA

Gebremariam et al., 2022	<i>B. bassiana</i> ^f	EP	Gr, F (tomato)	abamectin + acetamiprid ⁴ , neem oil	abamectin + acetamiprid, neem oil	NA	NA
Sain et al., 2022	<i>B. bassiana</i> ^g	EP	L, P (upland cotton)	bifenthrin, ethion, neonicotinoids, spinosyns	bifenthrin ^{iiiia} , ethion ^{iiiia} , neonicotinoids ^{iiiia} , spinosyns ^{iiiia}	bifenthrin ^a , ethion ^a	bifenthrin, ethion
Sandeep et al., 2022	<i>I. fumosorosea</i> ²	EP	F (coconut)	buprofezin, profenophos	buprofezin, profenophos	NA	NA
Abdel-Hamid et al., 2022	<i>C. carnea</i>	Pr	F (cotton)	acetamiprid, lambda-cyhalothrin, profenofos, thiamethoxam	NA	NA	acetamiprid, lambda-cyhalothrin, profenofos, thiamethoxam
Gogi et al., 2021	<i>E. formosa</i>	Pa	L, F	bitter gourd seed extract, buprofezin, fenoxycarb, methoxyfenozide, neem seed extract, pyriproxyfen, tebufenozide	bitter gourd seed extract, buprofezin, fenoxycarb, neem seed extract, pyriproxyfen	methoxyfenozide ^b , tebufenozide ^b	NA
Golmohammadi et al., 2021	<i>C. carnea</i>	Pr	L	clothianidin, flupyradifurone, tebufenozide	flupyradifurone, tebufenozide ^{iv}	clothianidin	NA
Mansoor and Shad, 2021	<i>C. carnea</i>	Pr	L*	buprofezin, chlorfenapyr, indoxacarb, nitenpyram	buprofezin, chlorfenapyr, indoxacarb, nitenpyram	NA	NA
Mansoor et al., 2020	<i>C. carnea</i>	Pr	L	acetamiprid, buprofezin, pyriproxyfen, spinosad	pyriproxyfen	NA	NA

Wang et al., 2019	<i>E. formosa</i>	Pa	L	abamectin, acetamiprid, cyantraniliprole, imidacloprid, nitenpyram, pyriproxyfen, sulfoxaflor, thiamethoxam	NA	acetamiprid ^c , cyantraniliprole ^c , pyriproxyfen ^c	abamectin, imidacloprid, nitenpyram, sulfoxaflor, thiamethoxam
El-Kawas and Khedr, 2019	<i>C. carnea</i>	Pr	F (cotton)	chlorfenapyr, chromafenozide, lufenuron, methoxyfenozide, profenofos, teflubenzuron	chromafenozide, lufenuron, methoxyfenozide, teflubenzuron	NA	chlorfenapyr, profenofos
Shahbaz et al., 2019	<i>A. swirskii</i>	PrM	L	acetamiprid	NA	NA	acetamiprid
Asadi et al., 2019	<i>A. swirskii</i>	PrM	L	spiromesifen ⁵	spiromesifen	NA	NA
Toledo-Perdomo, 2019	<i>B. bassiana</i> ^a	EP	F (French bean)	flupyradifurone	flupyradifurone	NA	NA
Vafaie et al., 2019	<i>C. carnea</i>	Pr	L	clothianidin, tebufenozide, flupyradifurone	flupyradifurone	tebufenozide	clothianidin
Rashidi and Ganbalani, 2018	<i>E. formosa</i>	Pa	L*	abamectin, buprofezin, plant extract ⁶	buprofezin, plant extract	NA	abamectin
Francesena and Schneider, 2018	<i>E. mundus</i>	Pa	L	acetamiprid, azadirachtin, pyriproxyfen	NA	NA	acetamiprid, azadirachtin, pyriproxyfen
Vandervoet et al., 2018	<i>C. carnea</i>	Pr	F (cotton)	acephate, buprofezin, pyriproxyfen	buprofezin, pyriproxyfen	NA	acephate

Oliveira et al., 2018	<i>B. bassiana</i>	EP	L#	beta-cyfluthrin + imidacloprid, imidacloprid, pyriproxyfen, spiromesifen, thiamethoxam + lambda-cyhalothrin	spiromesifen ^v	NA	beta-cyfluthrin + imidacloprid, imidacloprid, pyriproxyfen, thiamethoxam + lambda-cyhalothrin
Kumar et al., 2018	<i>I. fumosorosea</i>	EP	L, F##	buprofezin	buprofezin	NA	NA
Fernández et al., 2017	<i>A. swirskii</i>	PrM	L, Gr	abamectin, deltamethrin, emamectin, flonicamid, flubendiamide, metaflumizone, methoxyfenozide, spinosad, spiromesifen, spirotetramat, sulfoxaflor	flonicamid, flubendiamide, metaflumizone, methoxyfenozide, spiromesifen, spirotetramat, sulfoxaflor	emamectin	abamectin, deltamethrin, spinosad
El-Zahi et al., 2017	<i>C. carnea</i>	Pr	F	flonicamid, imidacloprid, thiamethoxam	flonicamid	NA	imidacloprid, thiamethoxam
Fernández et al., 2017	<i>A. swirskii</i>	PrM	L, Gr*	bifenthrin	bifenthrin	NA	bifenthrin ⁱⁱⁱ
Fernández et al., 2017	<i>E. mundus</i>	Pa	L, F#	bifenthrin	bifenthrin	NA	bifenthrin ⁱⁱⁱ
Ali et al., 2017	<i>Lecanicillium muscarium</i> R. Zare & W. Gams	EP	L*	matrine	matrine	NA	NA

Fernandes et al., 2016	<i>O. insidiosus</i>	Pr	L, F*	acephate, bifenthrin, chlorantraniliprole, chlorpyrifos, deltamethrin, imidacloprid, thiamethoxam	chlorantraniliprole	NA	acephate, bifenthrin, chlorpyrifos, deltamethrin, imidacloprid, thiamethoxam
Heidari et al., 2016	<i>E. formosa</i>	Pa	L	buprofezin, fenpropathrin, pyriproxyfen	buprofezin, pyriproxyfen	NA	fenpropathrin
Sarwar and Sattar, 2016	<i>C. carnea</i>	Pr	F (cotton)	endosulfan, monocrotophos	endosulfan, monocrotophos	NA	NA
Heidari et al., 2015	<i>E. formosa</i>	Pa	L	buprofezin, fenpropathrin, pyriproxyfen	buprofezin, pyriproxyfen	NA	fenpropathrin
Fernández et al., 2015	<i>E. mundus</i>	Pa	L, F#	abamectin, deltamethrin, emamectin, flonicamid, flubendiamide, metaflumizone, methoxyfenozide, spinosad, spiromesifen, spirotetramat, sulfoxaflor	flonicamid, flubendiamide, methoxyfenozide, spiromesifen	abamectin, emamectin, deltamethrin, metaflumizone, spirotetramat	spinosad, sulfoxaflor
Garzón et al., 2015	<i>C. carnea</i>	Pr	L	deltamethrin, flonicamid, flubendiamide, metaflumizone, spirotetramat, sulfoxaflor	flonicamid, flubendiamide, metaflumizone, spirotetramat	NA	deltamethrin, sulfoxaflor

Ail-Catzim et al., 2015	<i>C. carnea</i>	Pr	L	abamectin, bifenthrin, endosulfan, imidacloprid, profenofos	abamectin, bifenthrin	endosulfan	imidacloprid, profenofos
Roditakis et al., 2014	<i>E. eremicus</i>	Pa	L*	flonicamid	flonicamid ^{vi}	NA	NA
Roditakis et al., 2014	<i>A. swirskii</i>	PrM	L*	flonicamid	flonicamid ^{vi}	NA	NA
Zou et al., 2014	<i>I. fumosorosea</i> ³	EP	L	acetamiprid, imidacloprid, spirotetramat, thiamethoxam	imidacloprid, spirotetramat, thiamethoxam	acetamiprid	NA
Moscardini et al., 2013	<i>O. insidiosus</i>	Pr	L*	abamectin, cartap hydrochloride, chlorantraniliprole ⁷ , flubendiamide, pyriproxyfen, pymetrozine, spirotetramat + imidacloprid	pyriproxyfen, chlorantraniliprole	pymetrozine	abamectin, cartap hydrochloride, flubendiamide, spirotetramat + imidacloprid
Sohrabi et al., 2013	<i>E. mundus</i>	Pa	L	buprofezin, imidacloprid	buprofezin	imidacloprid	NA
Huang et al., 2013	<i>B. bassiana</i>	EP	L, F	beta-cypermethrin	beta-cypermethrin	NA	NA
Hoseininaveh et al., 2012	<i>E. formosa</i>	Pa	L	amitraz, buprofezin, propargite	buprofezin, propargite	NA	amitraz
Francesena et al., 2012	<i>E. mundus</i>	Pa	L*	spirotetramat ⁸	spirotetramat	NA	NA
Bengochea et al., 2012	<i>E. mundus</i>	Pa	Gr*	emamectin benzoate	emamectin benzoate	NA	NA
Hossain et al., 2012	<i>C. carnea</i>	Pr	F (cotton)	imidacloprid, monocrotophos	imidacloprid	NA	monocrotophos

<u>Sugiyama et al., 2011</u>	<i>E. formosa</i>	Pa	L	acephate, acetamiprid, Bt, chinomethionat, chlorfenapyr, clothianidin, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, flufenoxuron, lufenuron, milbemectin, nitenpyram, permethrin, pyridaben, pymetrozine, spinosad, sulfur, tolfenpyrad	Bt, flufenoxuron, lufenuron, pymetrozine, sulfur	NA	acephate, acetamiprid, chlorfenapyr, clothianidin, chinomethionat, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, imidacloprid, milbemectin, nitenpyram, permethrin, pyridaben, spinosad, tolfenpyrad
<u>Sugiyama et al., 2011</u>	<i>E. mundus</i>	Pa	L	acephate, acetamiprid, Bt, chinomethionat, chlorfenapyr, clothianidin, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, flufenoxuron, lufenuron, milbemectin, nitenpyram, permethrin, pyridaben, pymetrozine, spinosad, sulfur, tolfenpyrad	Bt, flufenoxuron, lufenuron, pymetrozine, sulfur	NA	acephate, acetamiprid, chlorfenapyr, clothianidin, chinomethionat, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, imidacloprid, milbemectin, nitenpyram, permethrin, pyridaben, spinosad, tolfenpyrad

Sugiyama et al., 2011	<i>E. eremicus</i>	Pa	L	acephate, acetamiprid, Bt, chinomethionat, chlorfenapyr, clothianidin, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, flufenoxuron, lufenuron, milbemectin, nitenpyram, permethrin, pyridaben, pymetrozine, spinosad, sulfur, tolfenpyrad	Bt, flufenoxuron, lufenuron, pymetrozine, sulfur	NA	acephate, acetamiprid, chlorfenapyr, clothianidin, chinomethionat, dinotefuran, emamectin benzoate, etofenprox, fenitrothion, imidacloprid, milbemectin, nitenpyram, permethrin, pyridaben, spinosad, tolfenpyrad
Al-Kherb, 2011	<i>C. carnea</i>	Pr	F (cucumber, tomato)	acetamiprid, imidacloprid, thiamethoxam	acetamiprid, imidacloprid, thiamethoxam	NA	NA
Cuthbertson et al., 2010	<i>L. muscarium</i>	EP	Gl (poinsettia)	fatty acids ^{9a} , natural plant extract ^{9b} , petroleum oil ^{9c} , polysaccharide ^{9d} , spiromesifen ^{9e}	fatty acids, natural plant extract, petroleum oil, polysaccharide, spiromesifen	NA	polysaccharide ^{iv}
Cuthbertson et al., 2008	<i>L. muscarium</i>	EP	L, Pl* (poinsettia)	fatty acids ^{9a} , natural plant extract ^{9b} , petroleum oil ^{9c} , polysaccharide ^{9d} , spiromesifen ^{9e}	fatty acids ^{vii} , natural plant extract, petroleum oil, polysaccharide, spiromesifen	NA	NA

<u>Prabhaker et al., 2007</u>	<i>E. eremicus</i>	Pa	L**	acetamiprid, bifenthrin, buprofezin, chlorpyrifos, cyfluthrin, fenpropathrin, pyriproxyfen	buprofezin*, pyriproxyfen*	acetamiprid, pyrethroids also showed substantial contact toxicity	chlorpyrifos
<u>Prabhaker et al., 2007</u>	<i>E. formosa</i>	Pa	L**	acetamiprid, bifenthrin, buprofezin, chlorpyrifos, cyfluthrin, fenpropathrin, pyriproxyfen	buprofezin*, pyriproxyfen*	acetamiprid, pyrethroids also showed substantial contact toxicity	chlorpyrifos
<u>Prabhaker et al., 2007</u>	<i>O. insidiosus</i>	Pr	L	bifenthrin, buprofezin, clothianidin, dinotefuran, fenpropathrin, imidacloprid, pyriproxyfen, spiromesifen, spirotetramat, sulfoxaflor, thiamethoxam	buprofezin, spiromesifen, spirotetramat	NA	bifenthrin
<u>Prabhaker et al., 2007</u>	<i>Chrysoperla rufilabris</i> Burmeister	Pr	L	bifenthrin, buprofezin, clothianidin, dinotefuran, fenpropathrin, imidacloprid, pyriproxyfen, spiromesifen, spirotetramat, sulfoxaflor, thiamethoxam	buprofezin, spiromesifen, spirotetramat	pyriproxyfen	sulfoxaflor

Cuthbertson et al., 2005	<i>L. muscarium</i>	EP	L, P1* (tomato, verberna)	buprofezin, imidacloprid, nicotine, teflubenzuron	buprofezin	NA	imidacloprid, nicotine, teflubenzuron
Liu and Stansly, 2004	<i>Delphastus catalinae</i> Horn	Pr	L*	buprofezin, pyriproxyfen	pyriproxyfen	NA	buprofezin
Agansonova et al., 2004	<i>E. formosa</i>	Pa	Gr	admiral, aleycid	aleycid ^{viii}	NA	admiral
Javel and Matthews, 2002	<i>E. formosa</i>	Pa	L*	diafenthiuron, potassium salts of a fatty acid	potassium salts of a fatty acid, diafenthiurone	NA	NA
Javel and Matthews, 2002	<i>E. eremicus</i>	Pa	L*	diafenthiuron, potassium salts of a fatty acid	potassium salts of a fatty acid, diafenthiurone	NA	NA
Hoddle et al., 2001	<i>E. eremicus</i>	Pa	L	buprofezin, fenoxycarb, kinoprene, pyriproxyfen, pymetrozine	buprofezin, fenoxycarb, kinoprene, pyriproxyfen, pymetrozine	NA	NA
Van Driesche et al., 2001	<i>E. eremicus</i>	Pa	Gr*	buprofezin	buprofezin	NA	NA
Liu and Chen, 2001	<i>C. rufilabris</i>	Pr	L	fenoxycarb	NA	NA	fenoxycarb
Schuster and Stansly, 2000	<i>C. rufilabris</i>	Pr	L	azadirachtin ^{10a} , bifenthrin ^{10b} , insecticidal soap ^{10c} , paraffinic oil ^{10d}	azadirachtin, insecticidal soap, paraffinic oil ^x	bifenthrin	azadirachtin, insecticidal soap, paraffinic oil ^v
Liu and Chen, 2000	<i>C. rufilabris</i>	Pr	L	buprofezin	buprofezin	NA	NA
Harbaugh and Mattson, 1976	<i>E. formosa</i>	Pa	L*	endosulfan, malathion, naled, nicotine sulfate, resmethrin	nicotine sulfate, resmethrin	NA	endosulfan, malathion, naled

Natural enemy strains included *Beauveria bassiana* GHA (a), BCC 2660 (b), IBCB 66 (c), ESALQ-PL63 (d), SIMBI BB15 (e), AAUMB-29 (f), and strains Bb-4511, Bb-4543, and Bb-4565 (g). *Isaria fumosorosea* strains included ESALQ 4778¹, ICAR-NBAIR Pfu-5², and IfB01³. Natural enemy groups were categorized as predators (Pr), predatory mites (PrM), parasitoids (Pa), and entomopathogens (EP). Study settings were coded as field (F), field bioassay (F*), semi-field (F#), field cage (F##), glasshouse (Gl), greenhouse (Gr), commercial greenhouse (Gr*), laboratory (L), laboratory bioassay (L*), laboratory in vitro (L#), Petri dish residual bioassay (L**), polyhouse (P), plant (Pl), plant assay (Pl*), plant bioassay (Pl**), cotton plant experiments and predator survival bioassays on treated plant material (Pl#), and high-plastic net tunnel (PT).

Formulations used in the studies included TINIVION® for spiropidion¹; Bellis® for pyraclostrobin + boscalid^{2a}; Phyton 27® for copper sulfate^{2b}; Ridomil Gold® for metalaxyl + mancozeb^{2c}; Actara® for thiamethoxam and Egyxide® for vegetable oil³; Hunter 40 EC for abamectin + acetamiprid⁴; Oberon® for spiromesifen⁵; a plant extract derived from *Echinophora platyloba*⁶; rynaxypyr for chlorantraniliprole⁷; Movento® for spirotetramat⁸; Savona® for fatty acids^{9a}; Certis Spraying Oil® for petroleum oil^{9b}; Majestik® for natural plant extract^{9c}; Agri-50E® for polysaccharide^{9d}; Oberon® for spiromesifen^{9e}; Azatin-ECTM for azadirachtin^{10a}; BrigadeTM for bifenthrin^{10b}; M-PedeTM for insecticidal soap^{10c}; and Sunspray Ultra-Fine Spray OilTM for paraffinic oil^{10d}. Compatibility notes included: compatible when used cautiously (i); compatibility at LC₁₀ dose (ii); bifenthrin compatible at 50% dose (iii a); flupyradifurone followed by tebufenozide (iv); compatibility at intermediate dose (v); partial compatibility when used cautiously (vi); compatibility when applied sequentially (vii); Aleycid compatible when applied timely (viii); compatibility sequence of buprofezin > fenoxycarb > pymetrozine = pyriproxyfen > kinoprene (ix); and compatibility with larvae and adults (x). Asterisks (*) denote least-compatible chemistries.

Least-compatible notes included: both chemistries compatible with strain Bb-4511 (a); tebufenozide least toxic, followed by methoxyfenozide (b); pyriproxyfen least toxic, followed by acetamiprid and cyantraniliprole (c); and acetamiprid and pyrethroids showing substantial contact toxicity (d). Harmful notes included: spinetoram more toxic than sulfoxaflor (i); LC₅₀ dose harmful (ii); 72-hour continuous exposure harmful to adults (iii); Agri-50E phytotoxic on poinsettia, making fungus combinations possible but not recommended (iv); and azadirachtin, insecticidal soap, and paraffinic oil harmful to eggs under direct topical exposure (v).

Compatibility categories were assigned based on published effects on mortality and life-table parameters. Chemistries causing less than 30% mortality or less than 30% reduction in fecundity, oviposition, or developmental rate were classified as compatible. Chemistries causing approximately 30–70% mortality or reduction in life-table parameters were classified as least compatible. Chemistries causing greater than 70% mortality, severe developmental disruption, or substantial reproductive impairment were classified as harmful.

Literature Search and Natural Enemy Verification Procedures: We accessed the UF/IFAS guide by Leppla, N., and L. M. LeBeck. (2021). 2021 Guidelines for Purchasing and Using Commercial Natural Enemies and Biopesticides in North America: IN849 IPM-146, 02 2021. EDIS, 2021(2), 14.

<https://doi.org/10.32473/edis-in849-2021>, to identify commercially available natural enemies recommended for whitefly management. We then visited commercial supplier websites to verify current product availability. We conducted a literature search using Web of Science (Core Collection, BIOSIS Citation Index, BIOSIS Previews, Current Contents Connect, Zoological Record, MEDLINE). Search fields included the scientific names of commercially available natural enemies, the term “insecticides,” and the term “whiteflies.” Because *Cordyceps fumosorosea* was previously classified as *Isaria fumosorosea*, both names were searched. All publication years available (1976–2026) were included, except for searches involving *Beauveria bassiana* and *Isaria fumosorosea*, for which only the last 16 years of compatibility studies were extracted. Searches were global and not geographically restricted, and relevant publication data were extracted from all resulting records. All citations in Table 1 were hyperlinked to their DOI when available. Two studies had no DOI or stable online link and were therefore cited using full reference format: Vafaie, R., Rezaei Torshizi, R., Golmohammadi, G., Rafiei Karahroodi, Z., and Faravardeh, L. (2019). Lethal effects of insecticides clothianidin, tebufenozide and flupyradifurone on egg, 2nd and 3rd instar larvae and pupae of green lacewing, *Chrysoperla carnea* Stephens. IAU Entomological Research Journal, 11(1), 17–28; and Agansonova, N. E., Burov, V. N., Mokrousova, E. P., and Pavlyushin, V. A. (2004). The efficiency of the combined application of actinomycete-metabolite biopreparation Aleycid, insect development regulator Admiral, and whitefly parasitoid *Encarsia formosa* G. against greenhouse whitefly *Trialeurodes vaporariorum* W. Agrokimiya, (4), 45–51.