PRODUCT LIST - INSECT SPECIFIC LURES AND REPELLENTS

Synergy Semiochemicals Corporation

www.semiochemical.com

If there is a lure or component that you do not see listed, please contact us to see if we can make it for you. Our library of hundreds of different semiochemicals is extensive and available for your custom designed lures. We can provide several release device technologies with which to tailor a custom controlled release solution for almost any semiochemical application.

Last Updated: March 2025

Target Insect Species	Target Insect Common Name	Synergy Product #	Synergy Product Name	Comments
Agrilus planipennis	emerald ash borer	3136	emerald ash borer leaf alcohol kairomone trap lure	
Agrilus planipennis	emerald ash borer	3465	cucujolide VIII pheromone trap lure	60/40 Z/E mix dodecen-12-olide; attracts both sexes
Anaplophora chinesis	citrus longhorn beetle	3557	Citrus longhorn beetle trap lure	
Anoplophora glabripennis	asian longhorned beetle	3432	Asian longhorned beetle combo trap lure	#3558 ALB pheromone reload needs to be purchased additionally and replaced half way through deployment
Anoplophora glabripennis	asian longhorned beetle	3558	ALB Pheromone Reload trap lure	Order with #3432; to replace pheromone components with a shorter field life
Aromia bungii	Red-necked longhorn beetle	3640	Red-necked longhorn beetle trap lrue	(E)-2-cis-6,7-epoxynonenal bubble
Brupretis lyrata	pink-faced jewel beetle	3029	pink-faced jewel beetle kairomone trap lure	multispecies activity
Cerambycidae spp.	Cerambycids	3635	8 component cerambicyid blend lure (bubble)	multispecies activity
Cerambycidae spp.	Cerambycids	3636	8 component cerambicyid blend lure (Half load pouch)	multispecies activity
Cerambycidae spp.	Cerambycids	3639	8 component cerambicyid blend lure (extended life pouch)	
Choristoneura fumiferana	eastern spruce budworm	3074	eastern spruce budworm flex lure	
Choristoneura occidentalis	western spruce budworm	3270	western spruce budworm flex lure	(USDA only)
Coryphodema tristis	cossid moth	3536	cossid moth flexlure	
Dendroctonus adjunctus	roundheaded pine beetle	3232	round headed pine beetle trap lure	
Dendroctonus barbari	southwestern pine beetle	3151	southwestern pine beetle trap lure	AZ,NM and Mexico
Dendroctonus brevicomis	western pine beetle	3063	Western pine beetle tree bait	tree bait
Dendroctonus brevicomis	western pine beetle	3144	western pine beetle trap lure	
Dendroctonus frontalis	southern pine beetle	3079	southern pine beetle combo trap lure	usually used with #3188 (endobrevicomin)
Dendroctonus frontalis	southern pine beetle	3517	southern pine beetle combo trap lure with endobrevicomin	includes endobrevicomin
Dendroctonus ponderosae	mountain pine beetle	3093	mountain pine beetle trap lure, with myrcene & terpinolene	with myrcene & terpinolene
Dendroctonus ponderosae	mountain pine beetle	3124	mountain pine beetle historic trap lure, male bias with myrcene	male bias with myrcene
Dendroctonus ponderosae	mountain pine beetle	3125	mountain pine beetle trap lure, with terpinolene	with terpinolene
Dendroctonus ponderosae	mountain pine beetle	3122	Mountain pine beetle tree bait	tree bait

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Dendroctonus ponderosae	mountain pine beetle	3413	Synergy Shield Verbenone Pouch extended life (USA only)	repellent available in USA only
Dendroctonus ponderosae	mountain pine beetle	3562	Synergy Shield New Verbenone regular Pouch (USA only)	repellent available in USA only
Dendroctonus ponderosae	mountain pine beetle	3414	Synergy Shield Vebenone Bubble (USA only)	repellent available in USA only
Dendroctonus pseudotsugae	douglas-fir beetle	3300	Spruce beetle/Douglas-fir beetle tree bait	tree bait for spruce beetle and/or douglas-fir beetle
Dendroctonus pseudotsugae	douglas-fir beetle	3071	Synergy Shield MCH Double Bubble (USA and Canada)	repellent for spruce beetle and/or douglas-fir beetle available in USA and CAD
Dendroctonus pseudotsugae	douglas-fir beetle	3311	Synergy Shield MCH single bubble(USA only)	repellent for spruce beetle and/or douglas-fir beetle available in USA only
Dendroctonus pseudotsugae	douglas-fir beetle	3187	douglas-fir beetle trap lure, standard	standard enhanced lure
Dendroctonus pseudotsugae	douglas-fir beetle	3516	douglas-fir beetle trap lure, reduced strength	reduced strength lure
Dendroctonus rhizophagus	Dendroctonus rhizophagus	3233	Dendroctonus rhizophagus trap lure	
Dendroctonus rufipennis	spruce beetle	3300	Spruce beetle/Douglas-fir beetle tree bait	tree bait for spruce beetle and/or douglas-fir beetle
Dendroctonus rufipennis	spruce beetle	3071	Synergy Shield MCH Double Bubble (USA and Canada)	repellent for spruce beetle and/or douglas-fir beetle available in USA and CAD
Dendroctonus rufipennis	spruce beetle	3311	Synergy Shield MCH single bubble(USA only)	repellent for spruce beetle and/or douglas-fir beetle available in USA only
Dendroctonus rufipennis	spruce beetle	3123	spruce beetle trap lure, standard enhanced trap lure for Rocky Mountains	for Rocky Mountains
Dendroctonus rufipennis	spruce beetle	3289	spruce beetle trap lure, for Atlantic	for eastern N. America
Dendroctonus simplex	Eastern larch beetle	3410	eastern larch beetle trap lure	
Dendroctonus valens	red turpentine beetle	3169	red turpentine beetle combo trap lure	
Dryocoetes confusus	western balsam bark beetle	3662	western balsam bark beetle trap lure	9:2 blend
Euwallacea fornicatus complex	tea shothole borer (Florida), polyphagous shothole borer, kuroshio shothole borer	3402	Euwallacea spp. kairomone trap lure	quercivirol; multispecies activity
Euwallacea fornicatus complex	tea shothole borer (Florida), polyphagous shothole borer, kuroshio shothole borer	3302	redbay kairomone trap lure	a-Coapaene; multispecies activity
Gnathotrichus retusus	western pinewood stainer	3293	Gnathotrichus retusus trap lure	
Gnathotrichus sulcatus	scratch faced ambrosia beetle	3081	Gnathotrichus sulcatus trap lure	
Hylurgopinus rufipes	native elm bark beetle	3443	Elm bark beetle trap lure	multispecies activity
Hypothenemus spp.	Hypothenemus pygmy bark beetle	3402	Euwallacea spp. kairomone trap lure	multispecies activity
Ips calligraphus	six spined ips	3235	Ips calligraphus trap lure	
Ips grandicolis	Southern pine engraver	3309	Ips grandicolis trap lure	
Ips lecontei	Arizona five spined ips	3234	Ips spp. trap lure	
Ips paraconfusus, Ips confusus	california 5 spined ips & pinyon ips	3337	Ips paraconfusus / California 5 spined ips & Ips confusus / Pinyon Ips trap lure	

Target Insect Species	Target Insect Common Name	Synergy Product #	Synergy Product Name	Comments
Ips pertubatus	northern spruce engraver beetle	3131	Northern spruce engraver beetle 3-component trap lure	
Ips pini	pine engraver beetle	3386	Ips pini - California trap lure	pine engraver beetle in California
Ips pini and other Ips spp.	pine engraver beetle	3075	Ips pini trap lure - outside California	pine engraver beetle outside California
Ips sexdentatus	six-toothed bark beetle	3433	Six-toothed bark beetle combo trap lure	
Ips subelongatus	Asian larch (oblong) bark beetle	3643	racemic ipsenol and ipsdienol	
Ips typographus	european spruce bark beetle	3342	Exotic bark beetle / Quarantine trap lure	Exotic bark beetle / Quarantine lure
Lymantria monacha	nun moth	3616	Nun moth flex lure	
Monochamus and Xylotrechus	sawyer and zebra beetle lure	3292	Sawyer and Zebra beetle combo trap lure	
Monochamus spp.	sawyer beetles	3290	Monochamus basic trap lure	
Monochamus spp.	sawyer beetles	3280	Monochamus lite combo trap lure	
Monochamus spp.	sawyer beetles	3053	Monochamus combo trap lure	
Orgyia pseudotsugata	douglas-fir tussock moth	3383	douglas fir tussock moth trap lure (US)	USA
Orgyia pseudotsugata	douglas-fir tussock moth	3400	douglas-fir tussock moth trap lure (CAD)	CAD
Orthotomicus erosus	mediterranean engraver	3808	mediterranean engraver lure	
Platypus cylindrus	oak pinhole borer	3323	european oak pinhole borer trap lure	
Platypus quercivorus	oak ambrosia beetle	3402	Euwallacea spp. kairomone trap lure	multispecies activity
Scolytus multistriatus	smaller eurpoean elm bark beetle	3443	Elm bark beetle trap lure	multispecies activity
Scolytus multistriatus	smaller eurpoean elm bark beetle	3087	Xyloborini / Scolytus multistriatus kairomone trap lure	
Scolytus schevyrewi	banded elm bark beetle	3164	Banded elm bark beetle trap lure	
Scolytus scolytus	eurpoean elm bark beetle	3443	Elm bark beetle trap lure	multispecies activity
Scolytus ventralis	fir engraver	3437	fir engraver kairomone trap lure (Abies lasiocarpa)	
Sirex noctilio	european pine shoot moth	3128	european pine shoot moth trap lure	
Sirex spp.	wood wasp	3076	Wood wasp trap lure	
Spondylidinae spp.	Spondylid woodborer	3054	Spondylidinae combo trap lure	
Tetropium fuscum	brown spruce longhorn beetle	3368	brown spruce longhorned beetle trap lure	
Thaumetopoea pityocampa	Pine Processionary moth	3645	Pine Processionary moth flexlure	
Tomicus piniperda	pine shoot beetle lure	3405	Pine shoot beetle trap lure	

Target Insect Species	Target Insect Common Name	Synergy Product #	Synergy Product Name	Comments
Trypodendron domesticum	european hardwood ambrosia beetle	3294	european hardwood ambrosia beetle trap lure	
Trypodendron lineatum	striped ambrosia beetle	3242	striped ambrosa beetle trap lure	
Xyleborinus saxesenii	fruit-tree pinhole borer	3282	fruit-tree pinhole borer kairomone trap lure	
Xyleborus glabratus	redbay ambrosia beetle	3302	redbay kairomone trap lure	multispecies activity
Xyleborus spp.	Xyleborus spp., european elm bark beetle	3087	Xyloborini / Scolytus multistriatus kairomone trap lure	multispecies activity
Xylosandrus crassiusculus	granulate ambrosia beetle	3402	Euwallacea spp. kairomone trap lure	multispecies activity
Xylosandrus crassiusculus	granulate ambrosia beetle	3707	granulate ambrosia beetle trap lure	

PRODUCT LIST - Single Component Release Devices

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Synergy Product #	Synergy Product Description	Product Comments
3291	± 2-methylbutan-1-ol bubble	cerambycid component
3140	3-carene CT	
3082	3-carene polybottle	
3141	3-carene UHR 200ml	
3002	3-hydroxy-2-hexanone bubble (C6 ketol)	cerambycid component
3009	3-hydroxy-2-Octanone bubble (C8 ketol)	cerambycid component
3229	α & β pinene UHR	200 ml turpentine
3189	α & β pinene UHR	200 ml Sirex blend 70:30 S (+) 75 α pinene:β pinene
3077	α & β pinene southern pine beetle blend UHR 120	120 ml Sirex blend 70:30 S (+) 75 α pinene:β pinene
3099	α-pinene (+) 1.8mL CT	
3167	α-pinene 1.8mL CT, (-)	
3153	α-pinene polybottle, (-)	
3091	α-pinene polybottle, (+)	
3069	α-pinene UHR, (-)	
3258	β-pinene 1.8 ml CT	
3378	β-pinene polybottle	
3302	α-copaene 50 double bubble	
3240	ALB alcohol	cerambycid component
3211	ALB aldehyde	cerambycid component
3043	C6 (mixed) ketols pouch	cerambycid component
3246	C6 diol (racemic mix) bubble	cerambycid component
3257	anti C6 diols (2S,3R;2R,3S) bubble	cerambycid component
3197	caryophyllene double bubble	
3216	chalcogran CT	
3370	cis/trans pityol bubble	
3330	cis-verbenol bubble	
3427	conophthorin high release	250 ul CT
3354	conophthorin low release	100 ul CT
3087	cubeb oil double bubble	
3148	endo-Brevicomin CT	
3088	endo-Brevicomin CT, low load	
3188	endo-Brevicomin flexlure	
3138	exo-brevicomin CT	
3171	exo-brevicomin CT, low load	
3157	exo-brevicomin flexlure	
3166	englemann spruce blend polybottle	
3366	ethanol UHR	
3344	ethanol, low release	
3661	frontalin mini bubble	
3168	frontalin flexlure	
3244	fuscumol acetate mini bubble	cerambycid component
3249	fuscumol bubble	cerambycid component
3155	ipsdienol bubble	
3333	ipsdienol mini bubble	
3154	ipsenol bubble	
3385	R-(-)-ipsdienol bubble	
3331	S-(+)-ipsdienol	
3056	lanierone bubble	
3408	lineatin flexlure	
3146	lodgepole pine blend polybottle	

Synergy Product #	Synergy Product Description	Product Comments
3247	MCOL Bubble	
3005	monochamol bubble	cerambycid component
3172	myrcene & terpinolene polybottle	
3142	myrcene polybottle	
3027	myrtenol Bubble	
3217	nonanal bubble	
3307	pityol vittatol bubble	
3402	p-menthenols (quercivorol) mini bubble	
3260	retusol bubble	
3006	seudenol bubble	
3135	Sirex blend polybottle	
3130	sulcatol bubble	
3143	terpinolene polybottle	
3340	trans pityol bubble	
3156	trans-verbenol bubble	
3407	trans-verbenol myrtenol bubble	
3317	turpentine bottle S(-)	
3119	verbenone (+) bubble	
3029	verbenone bubble (-)	cerambycid component

Full Traps & Replacement Parts
Product List 2025

Full Trap Name	Synergy Product Number
Funnel Trap II, 4 unit	4073-Black, 4113-Green
Funnel Trap II, 8 unit	4072-Black, 4114-Green
Funnel Trap II, 12 unit	4071-Black, 4115-Green
Funnel Trap II, 16 unit	4084-Black, 4116-Green
Multitrap - Funnel Trap, 4 unit	4050-Black
Multitrap - Funnel Trap, 5 unit	4049-Black, 4060-Green, 4067-Purple
Multitrap - Funnel Trap, 6 unit	4056-Black, 4070-Green, 4068-Purple
Multitrap Panel Trap - 12 Inch	4121-Black, 4122-Green, 4123-Purple
Multitrap Panel Trap - 24 Inch	4057-Black, 4058-Green, 4059-Purple
Multitrap Panel Trap - Allison Collar	4062-Black, 4092-Green, 4093-Purple
Multitrap - Pan Trap	4099-Black, 4094-Green, 4095-Purple
Panel-Funnel Combo Trap - 12 Inch	4124-Black, 4125-Green, 4126-Purple
Panel-Funnel Combo Trap - 24 Inch	4127-Black, 4128-Green, 4129-Purple

Full Trap Name	Synergy Product Number
Sentinel Trap	4100- Unglued
Prism Trap	4005-Glued Green, 4006- Glued Purple, 4027- Unglued Green
Unitrap	4003

Replacement Part Name	Synergy Product Number
Funnel Trap II Canopy	4077-Black, 4110-Green
Funnel Trap II Bottom Funnel	4078-Black, 4112-Green
Funnel Trap II Funnel	4081-Black, 4111-Green
Funnel Trap II Regular Pin	4080
Funnel Trap II Canopy Pin	4079
Funnel Trap II Cup, Wet or Dry	4082-Wet, 4083- Dry
Twisted Wire Hanger	4048
Multitrap Canopy	4041-Black, 4053-Green, 4055-Purple
Multitrap Funnel	4040-Black, 4052-Green, 4054 - Purple
Multitrap Long Strap	4043
Multitrap Short Strap	4044
Multitrap Cup, Wet or Dry	4045-Wet, 4047-Dry
Panels (12" L x 4.5"W)	4118 -Black, 4119-Green, 4120 - Purple
Panels (24" L x 4.5" W)	4063-Black, 4065-Green, 4097-Purple
Panels (24" L x 8" W)	4064-Black, 4066-Green, 4098-Purple
Y-Brace (Old Style - No Tabs)	4051
Multitrap Y-Brace (New Version-With Tabs)	4074
Allison Collar	4046-Black, 4069-Green, 4075-Purple
Twisted Wire Hanger	4048
Sentinel Trap Card - gridded, unglued	4101

Replacement Hardware Name	Synergy Product Number
Multitrap 12 inch Panel Trap Hardware	4117
Multitrap Pit-Trap Hardware	4106
Funnel Trap II Hardware (Canopy)	4085
Multitrap Funnel Trap Hardware	4102
Multitrap 24 inch Panel Trap Hardware	4104