

Agent Genus	Agent Species	Order	Family	Weed targeted	Aphis Status	EA?	Sites/ Recommendations	Priority for use	IntAnimTyp	Collection Notes	Effectiveness
Aceria	centaureae	Acarina	Eriophyidae	Diffuse knapweed	Not approved	Not approved	Not approved	no use	MITE	Not approved	
Aceria	malherbae	Acarina	Eriophyidae	Field bindweed (may attack Calystegia spp.)	approved, not approved in CA	have APHIS records	Spotty, isolated sites, Unlikely on USFS, doesn't do well in R6 climate, poss on Admin or Grasslands; warm sites; Not approved in CA due to presence of closely related natives (may infest <i>Calystegia</i> spp.).	low priority	MITE	Transfer infested leaves/galls during growing season, early season allows mite populations more time to expand.	Stunts plants, reduces flowering, reduces plant density in Texas.
Agonopterix	nervosa	Lepidoptera	Oecophoridae	gorse	Not approved	Not approved	Not approved, Accidental	no use	INSECT	Not approved	
Agonopterix	alstroemeriana	Lepidoptera	Oecophoridae	poison hemlock	Not approved	Not approved	Not approved, Accidental	no use	INSECT	Not approved	
Altica	carduorum	Coleoptera	Chrysomelidae	Canada thistle	Not approved	Not approved	May attack natives	no use	INSECT	Not approved	unknown.
Cassida	rubiginosa	Coleoptera	Chrysomelidae	Canada thistle	Not approved	not needed	Not approved, Accidental, est near Joseph	no use	INSECT	Not approved	
Chaetorellia	succinia	Diptera	Tephritidae	yellow starthistle	Not approved	not needed	Not approved, Accidental, spreads well on own.	no use	INSECT	Not recommended	Appears more effective than <i>C. australis</i> . Will feed on <i>Centaurea americana</i> , a native.
Chamaesphacia	crassicornis	Lepidoptera	Sessiidae	leafy spurge	Requires reapproval	not needed	5 sp. failed in US, unlikely to be reintroduced, not avail.	no use	INSECT	Unknown	Unknown.
Chrysolina	variens	Coleoptera	Chrysomelidae	St. Johnswort	Not approved	not needed	failed 50 yrs ago, will not be rereleased	no use	INSECT	Not available	unknown.
Gymnetron	tetrum	Coleoptera	Curculionidae	common mullein	Not approved	not needed	Not approved, Accidental	no use	INSECT	Not approved	
Larinus	planus	Coleoptera	Curculionidae	Canada thistle	Not approved	not needed	Not approved, Accidental, known on <i>Cirsium calolepsis</i> on Wside	no use	INSECT	Not approved	
Mogulones	cruciger	Coleoptera	Curculionidae	Houndstongue	Not approved	not needed	Natural dispersal from Canada; violation of ESA to redistribute in US - can harm listed plants in Boraginaceae	no use	INSECT	Not approved	Effective on houndstongue; risk to non-target species
Nanophyes	brevis	Coleoptera	Curculionidae	purple loosestrife	?	have EA	Not introduced in US, all females contaminated with parasitic nematode, no current plans for introduction in US	no use	INSECT	Not approved	

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Phrydiuchis	spilmani	Coleoptera	Curculionidae	Mediterranean sage	Requires reapproval	not needed	Introduction into U.S. failed, unlikely to be reintroduced.	no use	INSECT	Not needed	
Puccinia	canaliculata	Uredinales	Pucciniaceae	yellow nutsedge	Not approved	not needed	not released in US, considered for bioherbicide use	no use	FUNGUS	Not recommended	Unknown.
Pythium	rostratum	Peronosporales	Pythiaceae	knapweed	Not approved	have EA	Not approved	no use	FUNGUS	Not approved	
Rhinocyllus	conicus	Coleoptera	Curculionidae	Canada thistle, Italian thistle	approved	not needed	No longer approved, widespread, no longer used; attacks natives	no use	INSECT	No longer used	
Selenophoma	juncea	Phialides/Sphaeropsidales	Phialopycnidiineae/Sphaeropsidaceae	Scotch broom	Not approved	not needed	Not approved, widespread, no longer used; non-target effects	no use	FUNGUS	Not approved	Suspected of killing plants in late spring.
Trichosirocalus	horridus	Coleoptera	Curculionidae	Subtribe Carduinae: musk, plumeless, Italian, Canada, and bull thistles are accepted.	approved, not approved in CA	not needed	Intro everywhere, recovered Klamath R only, not likely for USFS, poss effect on natives	no use	INSECT	Sweep in July or pick in spring prior to bolt.	Seldom effective by itself. Prohib in CA due to concern for artichokes. Requires 3-5 years to build population. Disperses well.
Tyria	jacobaeae	Lepidoptera	Arctiidae	tansy ragwort	approved	not needed	Widespread, attacks natives (Packara sedaris, S. triangularis) but no pop effect known	no use	INSECT	Not recommended for release into new areas with native untested Senecio and Packera.	Works best in conjunction with L. jacobaeae.
Tyta	luctuosa	Lepidoptera	Noctuidae	Field bindweed (also may attack Calystegia spp.)	approved, not approved in CA	have APHIS records	Recent releases, not established, although moths recovered; unlikely on FS; difficult to establish; recorded to feed on native Calystegia spp.	low, low priority	INSECT	Transfer larvae and adults, can black light; not approved in CA	Does not significantly damage hedge bindweed (Calystegia sepium), effect on field bindweed unk.