
Biological control agents approved for use against leafy spurge in the United States

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The following table lists those biological control agents that have been approved for release against leafy spurge in the United States. The table also lists the date they were approved or first released and their impact, if any, on control of leafy spurge. Additional insects being studied for release include *Thamnurgus euphorbiae* Küster (Coleoptera: Scolytidae), a stem-boring bark beetle from Italy, and three new *Aphthona* flea beetle species, *A. russica*, *A. chinchihi*, and *A. pygmaea*.

Species	Order: Family	Approval / Release	Impact
<i>Hyles euphorbiae</i>	Lepidoptera: Sphingidae	1964	+
<i>Chamaesphecia empiformis</i>	Lepidoptera: Sesiidae	1975	0
<i>C. tenthrediniformis</i>	Lepidoptera: Sesiidae	1975	0
<i>Oberea erythrocephala</i>	Coleoptera: Cerambycidae	1980	++
<i>Spurgia esulae</i>	Diptera: Cecidomyiidae	1985	+
<i>Aphthona flava</i>	Coleoptera: Chrysomelidae	1985	+
<i>Aphthona cyparissiae</i>	Coleoptera: Chrysomelidae	1986	+
<i>Aphthona czwalinae</i>	Coleoptera: Chrysomelidae	1987	+++
<i>Aphthona nigriscutis</i>	Coleoptera: Chrysomelidae	1989	+++
<i>Dasineura</i> sp. nr. <i>capsulae</i>	Diptera: Cecidomyiidae	1991	Not released
<i>Aphthona abdominalis</i>	Coleoptera: Chrysomelidae	1993	Unknown
<i>Aphthona lacertosa</i>	Coleoptera: Chrysomelidae	1993	+++
<i>Chamaesphecia hungarica</i>	Lepidoptera: Sesiidae	1993	Unknown
<i>Chamaesphecia crassicornis</i>	Lepidoptera: Sesiidae	1996	Unknown
<i>Spurgia capitigena</i>	Diptera: Cecidomyiidae	1998	+
