

Indiana's "Most Unwanted" Invasive Plant Pest List – FY 2007

The Indiana "Most Unwanted" List, compiled by the Indiana Cooperative Agricultural Pest Survey (CAPS) State Survey Committee (SSC), is evaluated yearly for the purpose of initiating timely pest survey activities and educational/ outreach programs on new pest threats to Indiana agricultural and natural resources. This list identifies exotic species, invasive species, pests of regulatory concern, and distribution of pests that may or may not be present in the state of Indiana, yet have the potential to threaten the agricultural or natural resources of Indiana.

- E: Exotic
 I: Invasive
 R: Regulated Species
 NF: Not found in Indiana
 LD: Limited Distribution (with potential significant economic impact) = Less than 25 counties
 MD: Moderate Distribution (with potential significant economic impact) = 25 to 70 counties
 WD: Widespread Distribution (with potential significant economic impact) = More than 70 counties

Insects		
E,I,R,NF	Asian gypsy moth	<i>Lymantria dispar dispar</i> (Linnaeus)
E,I,R,NF	Asian longhorned beetle	<i>Anoplophora glabripennis</i> (Motschulsky)
E,I,R,LD	Asiatic garden beetle	<i>Maladera castanea</i> (Arrow)
E,I,NF	Bamboo longhorned beetle	<i>Chlorophorus annularis</i> Fabricius
E,I,LD	Banded elm bark beetle	<i>Scolytus schevyrewi</i> Semenov
E,I,R,NF	Black spruce beetle	<i>Tetropium castaneum</i> Linnaeus
E,I,NF	Brown fir longhorned beetle	<i>Callidiellum villosulum</i> (Fairmaire)
E,I,NF	Brown marmorated stink bug	<i>Halyomorpha halys</i> Ståhl
E,I,R,NF	Brown spruce longhorned beetle	<i>Tetropium fuscum</i> (Fabricius)
E,I,R,NF	Chinese longhorned beetle	<i>Hesperophanes (Trichoferus) campestris</i> (Faldermann)
E,I,R,NF	Citrus longhorned beetle	<i>Anoplophora chinensis</i> (Forster)
E,I,R,MD	Common pine shoot beetle	<i>Tomicus piniperda</i> (Linnaeus)
E,I,R,NF	Dusky wireworm	<i>Agriotes obscurus</i> Linnaeus
E,I,NF	Egyptian cotton leafworm	<i>Spodoptera littoralis</i> Boisduval
E,I,R,LD	Emerald ash borer	<i>Agrilus planipennis</i> Fairmaire
E,I,LD	European chafer	<i>Amphimallon majalis</i> (Razoumowsky)
E,I,R,LD	European gypsy moth	<i>Lymantria dispar</i> Linnaeus
E,I,R,NF	European hardwood ambrosia beetle	<i>Trypodendron domesticum</i> (Linnaeus)
E,I,R,NF	European poplar shoot borer	<i>Gypsonoma aceriana</i> (Duponchel)
E,I,R,NF	European spruce bark beetle	<i>Ips typographus</i> (Linnaeus)
E,I,R,NF	European woodwasp	<i>Sirex noctilio</i> Fabricius
E,I,R,NF	Exotic bark beetle	<i>Hylurgops (Hylurgus) palliatus</i> Gyllenhal
E,I,R,NF	Exotic bark beetle(s)	<i>Xyleborus spp.</i>
E,I,NF	Exotic click beetle	<i>Agriotes sputator</i> Linnaeus
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus altaicus</i> Gebler
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus hircus</i> (Motschulsky)
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus namanganensis</i> Heyden
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus pantherinus</i> (Savenius)
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus pyrrhoderus</i> (Bates)
E,I,R,NF	Exotic longhorned beetle	<i>Xylotrechus rusticus</i> (Linnaeus)
E,I,R,NF	Exotic weevil	<i>Myllocerus undecimpustulatus</i> Faust

Indiana's "Most Unwanted" Invasive Plant Pest List – FY 2007

E,I,NF	Fruit piercing moth	<i>Othreis fullonia</i> (Clerk)
E,I,NF	Fruit tree tortrix moth	<i>Archips podana</i> (Scopoli)
E,I,R,NF	Giant woodwasp	<i>Urocerus gigas gigas</i> Linnaeus
E,I,R,NF	Goldenhaired bark beetle	<i>Hylurgus ligniperda</i> (Fabricius)
E,I,MD	Granulate ambrosia beetle	<i>Xylosandrus crassiusculus</i> (Motschulsky)
E,I,R,NF	Hemlock woolly adelgid	<i>Adelges tsugae</i> (Annand)
E,I,R,NF	Japanese pine sawyer beetle	<i>Monochamus alternatus</i> Hope
E,I,R,NF	Khapra beetle	<i>Trogoderma granarium</i> Everts
E,I,NF	Leek moth	<i>Acroplepiopsis assectella</i> (Zeller)
E,I,NF	Lesser pine shoot beetle	<i>Tomicus minor</i> (Hartig)
E,I,NF	Lined click beetle	<i>Agriotes lineatus</i> Linnaeus
E,I,NF	Mediterranean pine engraver beetle	<i>Orthotomicus erosus</i> (Wollaston)
E,I,NF	Oak ambrosia beetle	<i>Platypus quercivorus</i> (Murayama)
E,I,R,NF	Oak splendour beetle	<i>Agrius biguttatus</i> (Fabricius)
E,I,R,NF	Old world bollworm	<i>Helicoverpa armigera</i> Hübner
E,I,NF	Oriental beetle	<i>Exomala orientalis</i> (Waterhouse)
E,I,NF	Passionvine mealybug	<i>Planococcus minor</i> (Maskell)
E,I,R,NF	Pine shoot beetle	<i>Tomicus destruens</i> (Wollaston)
E,I,NF	Pine-tree lappet moth	<i>Dendrolimus pini</i> (Linnaeus)
E,I,NF	Pink hibiscus mealybug	<i>Maconellicoccus hirsutus</i> (Green)
E,I,R,NF	Russian (pink) gypsy moth	<i>Lymantria mathura</i> Moore
E,I,R,NF	Siberian silk moth	<i>Dendrolimus superans sibiricus</i> Tschetverikov
E,I,R,NF	Six-spined engraver beetle	<i>Ips sexdentatus</i> (Boerner)
E,I,R,NF	Six-toothed spruce bark beetle	<i>Pityogenes chalcographus</i> (Linnaeus)
E,I,R,NF	Small Japanese cedar longhorned beetle	<i>Callidiellum rufipenne</i> (Motschulsky)
E,I,R,NF	Small white-marmorated longhorned beetle	<i>Monochamus sutor</i> Linnaeus
E,I,WD	Soybean aphid	<i>Aphis glycines</i> Matsumura
E,I,R,NF	Soybean pod borer	<i>Maruca vitrata</i> (Fabricius)
E,I,R,NF	Summer fruit tortrix moth	<i>Adoxophyes orana</i> Fischer von Röslerstamm
E,I,NF	Swede midge	<i>Contarinia nasturtii</i> (Kieffer)
E,I,NF	Viburnum leaf beetle	<i>Pyrrhalta viburni</i> Paykull
Invertebrates		
E,I,R,NF	Giant African land snail	<i>Achatina fulica</i> (Bowditch)
Nematodes		
E,I,NF	British root-knot nematode	<i>Meloidogyne artiellia</i> Franklin
E,I,NF	False Columbia root-knot nematode	<i>Meloidogyne fallax</i> Karssen
Pathogens		
E,I,NF	Asian soybean rust	<i>Phakopsora pachyrhizi</i> H. Sydow & Sydow
LD	Bacterial leaf scorch: Pierce's disease	<i>Xylella fastidiosa</i>
E,R,NF	Bacterial wilt of potato	<i>Ralstonia solanacearum</i> Race 3 Biovar 2 (Smith) Yabuuchi <i>et al.</i>
I,NF	Beech bark disease	<i>Nectria coccinea</i> var. <i>faginata</i> Lohman, Watson, and Ayers
E,R,NF	Brown stripe downy mildew	<i>Sclerophthora rayssiae</i> var. <i>zeae</i> RG Kenneth, Koltin & I. Wahl Payak & Renfro

Indiana's "Most Unwanted" Invasive Plant Pest List – FY 2007

LD	Butternut canker	<i>Sirococcus clavignenti-juglandacearum</i> Nair, Kostichka & Kuntz
E,I,R,NF	Chrysanthemum white rust	<i>Puccinia horiana</i> P. Henn.
LD	Fusarium wilt of watermelon Race 2	<i>Fusarium oxysporum</i> f. sp. <i>niveum</i> Race 2 (Sacc) Snyd. & Hans.
E,I,R,NF	Karnal bunt	<i>Tilletia indica</i> Mitra
LD	Oak wilt	<i>Ceratocystis fagacearum</i> (Bretz) Hunt
E,R,NF	Philippine downy mildew	<i>Peronosclerospora philippinensis</i> (W. Weston) C.G. Shaw
E,I,R,NF	Plum pox virus	PPV
I,R,NF	Sudden oak death; Ramorum blight	<i>Phytophthora ramorum</i> (Werres <i>et al.</i>)
LD	Wheat streak mosaic virus	WSMV
Plants		
	Asian bush honeysuckle(s)	<i>Lonicera</i> spp
E,I,WD	*Amur bush honeysuckle	<i>Lonicera maackii</i> (Rupr.) Herder
E,I,MD	*Bella bush honeysuckle	<i>Lonicera x bella</i> Zabel [morrowii x tatarica]
E,I,MD	*Morrow's bush honeysuckle	<i>Lonicera morrowii</i> Gray
E,I,LD	*Tartarian bush honeysuckle	<i>Lonicera tatarica</i> Linnaeus
E,I,WD	Autumn olive	<i>Elaeagnus umbellata</i> Thumb.
I,LD	Bicolor lespedeza	<i>Lespedeza bicolor</i> Turcz.
E,I,LD	Black alder	<i>Alnus glutinosa</i> (L.) Gaertn.
E,I,MD	Black locust	<i>Robinia pseudoacacia</i> Linnaeus
E,I,LD	Black swallow-wort	<i>Cynanchum louiseae</i> Kartesz & Gandhi
E,I,R,LD	Brazilian elodea	<i>Egeria densa</i> Planch.
E,I,R,NF	British yellowhead	<i>Inula britannica</i> Linnaeus
	Buckthorn(s)	<i>Rhamnus</i> spp.
E,I,LD	*Common buckthorn	<i>Rhamnus cathartica</i> Linnaeus
E,I,LD	*Glossy buckthorn	<i>Rhamnus frangula</i> Linnaeus
E,I,R,WD	Canada thistle	<i>Cirsium arvense</i> (L.) Scop.
E,I,LD	Chinese silvergrass	<i>Miscanthus sinensis</i> Anderss.
E,I,LD	Chinese yam	<i>Dioscorea oppositifolia</i> Linnaeus
E,I,MD	Common reed	<i>Phragmites australis</i> (Cav.) Trin. ex Steud.
E,I,MD	Creeping Charlie	<i>Glechoma hederacea</i> Linnaeus
E,I,WD	Creeping Jenny	<i>Lysimachia nummularia</i> Linnaeus
E,I,WD	Crown vetch	<i>Coronilla varia</i> Linnaeus
E,I,MD	Curly-leaf pondweed	<i>Potamogeton crispus</i> Linnaeus
E,I,LD	Cut-leaved teasel	<i>Dipsacus laciniatus</i> Linnaeus
E,I,WD	Dame's rocket	<i>Hesperis matronalis</i> Linnaeus
E,I,MD	Eurasian watermilfoil	<i>Myriophyllum spicatum</i> Linnaeus
E,I,NF	European frogbit	<i>Hydrocharis morsus-ranae</i> Linnaeus
E,I,NF	Flowering rush	<i>Butomus umbellatus</i> Linnaeus
E,I,WD	Garlic mustard	<i>Alliaria petiolata</i> (Bieb.) Cavara & Grande
E,I,R,LD	Giant hogweed	<i>Heracleum mantegazzianum</i> Sommier & Levier
E,I,R,NF	Giant salvinia	<i>Salvinia molesta</i> Mitchell
E,I,R,NF	Goatsrue	<i>Galega officinalis</i> Linnaeus
E,I,MD	Highbush cranberry	<i>Viburnum opulus</i> var. <i>americanum</i> L. Ait.
E,I,R,LD	Hydrilla	<i>Hydrilla verticillata</i> (L. f.) Royle

Indiana's "Most Unwanted" Invasive Plant Pest List – FY 2007

E,I,LD	Japanese hedge parsley	<i>Torilis japonica</i> (Houtt.) DC
E,I,WD	Japanese honeysuckle	<i>Lonicera japonica</i> Thunb.
E,I,WD	Japanese hops	<i>Humulus japonicus</i> Sieb. & Zucc
E,I,LD	Japanese knotweed	<i>Polygonum cuspidatum</i> Sieb. & Zucc.
E,I,MD	Japanese stilt grass	<i>Microstegium vimineum</i> (Trin.) Camus
E,I,R,MD	Kudzu	<i>Pueraria montana</i> (Lour.) Merr.
E,I,LD	Leafy spurge	<i>Euphorbia esula</i> Linnaeus
E,I,NF	Mile-a-minute weed	<i>Polygonum perfoliatum</i> Linnaeus
E,I,WD	Multiflora rose	<i>Rosa multiflora</i> Thunb.
E,I,MD	Norway maple	<i>Acer platanoides</i> Linnaeus
E,I,MD	Oriental bittersweet	<i>Celastrus orbiculatus</i> Thunb.
E,I,NF	Pale swallow-wort	<i>Cynanchum rossicum</i> (Kleopov) Barbarich
E,I,WD	Periwinkle	<i>Vinca minor</i> Linnaeus
E,I,LD	Princess tree	<i>Paulownia tomentosa</i> (Thunb.) Sieb. & Zucc. ex Steud.
	Privet(s)	<i>Ligustrum spp.</i>
E,I,LD	* Common privet	<i>Ligustrum vulgare</i> Linnaeus
E,I,WD	* European privet	<i>Ligustrum obtusifolium</i> Sieb. & Zucc.
E,I,R,MD	Purple loosestrife	<i>Lythrum salicaria</i> Linnaeus
E,I,WD	Purple winter creeper	<i>Euonymus fortunei</i> (Turcz.) Hand.-Mazz.
E,I,WD	Reed canary grass	<i>Phalaris arundinacea</i> Linnaeus
E,I,LD	Russian olive	<i>Elaeagnus angustifolia</i> Linnaeus
E,I,LD	Sericea lespedeza	<i>Lespedeza cuneata</i> (Dum.-Cours.) G. Don
E,I,WD	Siberian elm	<i>Ulmus pumila</i> Linnaeus
E,I,WD	Smooth brome	<i>Bromus inermis</i> Leyss.
E,I,LD	Spotted knapweed	<i>Centaurea biebersteinii</i> DC
E,I,WD	Star-of-Bethlehem	<i>Ornithogalum umbellatum</i> Linnaeus
	Sweet clover(s)	<i>Melilotus spp.</i>
E,I,WD	* White sweet clover	<i>Melilotus alba</i> Medikus
E,I,WD	* Yellow sweet clover	<i>Melilotus officinalis</i> (L.) Lam.
E,I,WD	Tall fescue	<i>Lolium arundinaceum</i> (Schreb.) S.J. Darbyshire
E,I,WD	Tree-of-heaven	<i>Ailanthus altissima</i> (P. Mill.) Swingle
E,I,NF	Water chestnut	<i>Trapa natans</i> Linnaeus
	Water hyacinth(s)	<i>Eichhornia spp.</i>
E,I,R,NF	* Anchored water hyacinth	<i>Eichhornia azurea</i> (Sw.) Kunth
E,I,R,NF	* Floating water hyacinth	<i>Eichhornia crassipes</i> (Mart.) Solms
E,I,WD	White mulberry	<i>Morus alba</i> Linnaeus
E,I,LD	Wine raspberry	<i>Rubus phoenicolasius</i> Maxim.
E,I,MD	Winged burning bush	<i>Euonymus alatus</i> (Thunb.) Siebold
E,I,R,LD	Yellow floating heart	<i>Nymphoides peltata</i> (Menyanthaceae)