

Table 30: Common and Scientific Vegetable Pest Names

The names in this table represent the common and scientific (Latin) names of all the pests represented in this guide. The names are provided to help users interpret information presented in pesticide labels and other sources.

Insects		
Common Name	Scientific Name	Order
armyworm	<i>Mythimna (Pseudaletia) unipuncta</i>	Lepidoptera
asparagus aphid	<i>Brachycorynella asparagi</i>	Hemiptera
asparagus beetle	<i>Crioceris asparagi</i>	Coleoptera
asparagus miner	<i>Ophiomyia simplex</i>	Diptera
aster leafhopper	<i>Macrosteles quadrilineatus</i>	Hemiptera
bandedwinged whitefly	<i>Trialeurodes abutiloneus</i>	Hemiptera
bean aphid	<i>Aphis fabae</i>	Hemiptera
bean leaf beetle	<i>Cerotoma trifurcata</i>	Coleoptera
bean seed maggot	<i>Delia floralis</i>	Diptera
beet armyworm	<i>Spodoptera exigua</i>	Lepidoptera
black cutworm	<i>Agrotis ipsilon</i>	Lepidoptera
brown marmorated stink bug	<i>Halymorpha halys</i>	Hemiptera
brown stink bug	<i>Euschistus servus</i>	Hemiptera
cabbage aphid	<i>Brevicoryne brassicae</i>	Hemiptera
cabbage looper	<i>Trichoplusia ni</i>	Lepidoptera
cabbage maggot	<i>Delia radicum</i>	Diptera
carrot weevil	<i>Listronotus oregonensis</i>	Coleoptera
celery leafminer	<i>Udea rubigalis</i>	Lepidoptera
Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	Coleoptera
corn earworm	<i>Helicoverpa zea</i>	Lepidoptera
tomato fruitworm		
corn flea beetle	<i>Chaetocnema pulicaria</i>	Coleoptera
corn leaf aphid	<i>Rhopalosiphum maidis</i>	Hemiptera
cross-striped cabbageworm	<i>Evergestis rimosalis</i>	Lepidoptera
crucifer flea beetle	<i>Phyllotreta cruciferae</i>	Coleoptera
diamondback moth	<i>Plutella xylostella</i>	Lepidoptera
eastern field wireworm	<i>Limonium agonus</i>	Coleoptera
eggplant flea beetle	<i>Epitrix fuscula</i>	Coleoptera
European corn borer	<i>Ostrinia nubilalis</i>	Lepidoptera
fall armyworm	<i>Spodoptera frugiperda</i>	Lepidoptera
flower thrips	<i>Frankliniella tritici</i>	Thysanoptera
garden webworm	<i>Achyra rantalis</i>	Lepidoptera
golden tortoise beetle	<i>Charidotella (Metrioria) sexpunctata bicolor</i>	Coleoptera
green cloverworm	<i>Hypena (Plathypena) scabra</i>	Lepidoptera
green peach aphid	<i>Myzus persicae</i>	Hemiptera
green stink bug	<i>Acrosternum hilare</i>	Hemiptera
harlequin bug	<i>Murgantia histrionica</i>	Hemiptera
horseradish flea beetle	<i>Phyllotreta armoraciae</i>	Coleoptera
imported cabbageworm	<i>Pieris rapae</i>	Lepidoptera
melon aphid/cotton aphid	<i>Aphis gossypii</i>	Hemiptera
Mexican bean beetle	<i>Epilachna varivestis</i>	Coleoptera
northern corn rootworm	<i>Diabrotica barberi</i>	Coleoptera
onespotted stink bug	<i>Euschistus variolarius</i>	Hemiptera
onion maggot	<i>Delia antiqua</i>	Diptera
onion thrips	<i>Thrips tabaci</i>	Thysanoptera
palestriped flea beetle	<i>Systema blanda</i>	Coleoptera
pea aphid	<i>Acyrtosiphon pisum</i>	Hemiptera
potato aphid	<i>Macrosiphum euphorbiae</i>	Hemiptera
potato flea beetle	<i>Epitrix cucumeris</i>	Coleoptera
potato leafhopper	<i>Empoasca fabae</i>	Hemiptera

Insects		
Common Name	Scientific Name	Order
purplebacked cabbageworm	<i>Evergestis pallidata</i>	Lepidoptera
rhubarb curculio	<i>Lixus concavus</i>	Coleoptera
saltmarsh caterpillar	<i>Estigmene acrea</i>	Lepidoptera
seedcorn maggot	<i>Delia platura</i>	Diptera
serpentine leafminer	<i>Liriomyza brassicae</i>	Diptera
soybean thrips	<i>Neohydatothrips variabilis</i>	Thysanoptera
spinach flea beetle	<i>Disonycha xanthomelas</i>	Coleoptera
spinach leafminer	<i>Pegomya hyoscyami</i>	Diptera
spotted asparagus beetle	<i>Crioceris duodecimpunctata</i>	Coleoptera
spotted cucumber beetle	<i>Diabrotica undecimpunctata howardi</i>	Coleoptera
southern corn rootworm		
squash bug	<i>Anasa tristis</i>	Hemiptera
squash vine borer	<i>Melittia cucurbitae</i>	Lepidoptera
stalk borer	<i>Papaipema nebris</i>	Lepidoptera
striped cucumber beetle	<i>Acalymma vittatum</i>	Coleoptera
striped flea beetle	<i>Phyllotreta striolata</i>	Coleoptera
sugarbeet wireworm	<i>Limonium californicus</i>	Coleoptera
sweetpotato flea beetle	<i>Chaetocnema confinis</i>	Coleoptera
sweetpotato weevil	<i>Cylas formicarius elegantulus</i>	Coleoptera
tarnished plant bug	<i>Lygus lineolaris</i>	Hemiptera
tobacco hornworm	<i>Manduca sexta</i>	Lepidoptera
tomato hornworm	<i>Manduca quinquemaculata</i>	Lepidoptera
turnip aphid	<i>Lipaphis pseudobrassicae</i>	Hemiptera
twospotted spider mite	<i>Tetranychus urticae</i>	Acari
variegated cutworm	<i>Peridroma saucia</i>	Lepidoptera
vegetable leafminer	<i>Liriomyza sativae</i>	Diptera
western bean cutworm	<i>Striacosta (Loxagrotis) albicosta</i>	Lepidoptera
western corn rootworm	<i>Diabrotica virgifera virgifera</i>	Coleoptera
yellow woollybear	<i>Spilosoma virginica</i>	Lepidoptera
zebra caterpillar	<i>Melanchnra picta</i>	Lepidoptera
Weeds		
Common Name	Scientific Name	Family
barnyardgrass	<i>Echinochloa crus-galli</i>	Poaceae
black nightshade	<i>Solanum nigrum</i>	Solanaceae
common lambsquarters	<i>Chenopodium album</i>	Chenopodiaceae
common purslane	<i>Portulaca oleracea</i>	Portulacaceae
common ragweed	<i>Ambrosia artemisiifolia</i>	Asteraceae
common waterhemp	<i>Amaranthus rudis</i>	Amaranthaceae
crabgrass	<i>Digitaria sanguinalis</i>	Poaceae
eastern black nightshade	<i>Solanum ptycanthum</i>	Solanaceae
entireleaf morningglory	<i>Ipomoea hederacea</i>	Convolvulaceae
fall panicum	<i>Panicum dichotomiflorum</i>	Poaceae
giant foxtail	<i>Setaria faberi</i>	Poaceae
giant ragweed	<i>Ambrosia trifida</i> L.	Asteraceae
goosegrass	<i>Eleusine indica</i>	Poaceae
green foxtail	<i>Setaria viridis</i>	Poaceae
hairy galinsoga	<i>Galinsoga quadriradiata</i>	Asteraceae
ivyleaf morningglory	<i>Ipomoea hederacea</i>	Convolvulaceae
jimsonweed	<i>Datura stramonium</i>	Solanaceae

Weeds		
Common Name	Scientific Name	Family
ladysthumb	<i>Polygonum persicaria</i>	Polygonaceae
Pennsylvania smartweed	<i>Polygonum pensylvanicum</i>	Polygonaceae
redroot pigweed	<i>Amaranthus retroflexus</i>	Amaranthaceae
smooth pigweed	<i>Amaranthus hybridus</i>	Amaranthaceae
tall morningglory	<i>Ipomoea purpurea</i>	Convolvulaceae
velvetleaf	<i>Abutilon theophrasti</i>	Malvaceae
yellow foxtail	<i>Setaria pumila</i>	Poaceae
yellow nutsedge	<i>Cyperus esculentus</i>	Cyperaceae
Diseases		
Disease	Pathogen	Host Crop
Alternaria leaf blight of cucurbits	<i>Alternaria cucumerina</i>	cucurbits
Alternaria leaf spot of beet	<i>Alternaria alternata</i> , <i>A. brassicae</i>	beet
Alternaria leaf spot of carrots	<i>Alternaria dauci</i>	carrot
Alternaria leaf spot of cole crops	<i>Alternaria brassicae</i>	cole crops
Alternaria leaf spot of parsnip, turnip	<i>Alternaria</i> spp.	parsnip, turnip
Alternaria leaf spot of radish	<i>Alternaria raphanin</i>	radish
angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	cucurbits
anthracnose of cucurbits	<i>Colletotrichum orbiculare</i>	cucurbits
Anthracnose of celery	<i>Colletotrichum acutatum</i>	celery
Anthracnose of corn	<i>Colletotrichum graminicola</i>	sweet corn
Anthracnose of legumes	<i>Colletotrichum lindemuthiana</i>	Legumes
Anthracnose of pepper/tomato	<i>Colletotrichum</i> spp.	pepper, tomato
Ascochyta leaf spot	<i>Ascochyta rhei</i>	rhubarb
aster yellows of carrot, parsnip	<i>Phytoplasma</i> sp.	carrot, parsnip
aster yellows of potato	<i>Phytoplasma</i> spp.	potato
bacterial canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	tomato
bacterial flower stalk and leaf necrosis	<i>Pantoea agglomerans</i>	onion
bacterial fruit blotch	<i>Acidovorax citrulli</i>	cucurbits
bacterial leaf blight of carrot	<i>Xanthomonas campestris</i> pv. <i>carotae</i>	carrot
bacterial leaf blight of celery	<i>Pseudomonas syringae</i> pv. <i>apii</i>	celery
bacterial leaf blight of onion	<i>Xanthomonas axonopodis</i> pv. <i>allii</i>	onion
bacterial leaf and fruit spot	<i>Xanthomonas cucurbitae</i>	cucurbits
bacterial speck	<i>Pseudomonas syringae</i> pv. <i>tomato</i>	tomato
bacterial spot	<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>	pepper, tomato
bacterial wilt	<i>Erwinia tracheiphila</i>	cucurbits
basal rot of garlic, onion	<i>Fusarium culmorum</i>	garlic, onion
bean yellow mosaic	<i>Bean yellow mosaic virus</i>	legumes
black dot	<i>Colletotrichum coccodes</i>	potato

Diseases		
Disease	Pathogen	Host Crop
black leg of cole crops	<i>Phoma lingam</i>	cole crops
black rot of sweet potato	<i>Ceratocystis fimbriata</i>	sweet potato
black rot of cole crops	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	cole crops
blackleg	<i>Erwinia carotovora</i> subsp. <i>atroseptica</i>	potato
Botrytis leaf blight	<i>Botrytis squamosa</i>	onion
Botrytis neck rot	<i>Botrytis allii</i>	onion
Botrytis gray mold	<i>Botrytis cinerea</i>	lettuce, spinach, tomato, legumes
bottom rot/damping-off	<i>Rhizoctonia solani</i>	lettuce
buckeye rot	<i>Phytophthora</i> spp.	tomato
canker/black scurf	<i>Rhizoctonia solani</i>	potato
cavity spot	<i>Pythium violae</i> , <i>Pythium</i> spp.	carrot
Cercospora leaf spot of beet	<i>Cercospora beticola</i>	beet
Cercospora leaf spot of carrot	<i>Cercospora carotae</i>	carrot
Cercospora leaf spot of parsnip, turnip	<i>Cercospora</i> spp.	parsnip, turnip
chlorotic dwarf	<i>Maize chlorotic dwarf virus</i>	sweet corn
club root	<i>Plasmodiophora brassicae</i>	cole crops
common bacterial blight	<i>Xanthomonas campestris</i> pv. <i>phaseoli</i>	legumes
common rust	<i>Puccinia sorghi</i>	sweet corn
crater rot	<i>Rhizoctonia solani</i>	celery
cucumber mosaic	<i>Cucumber mosaic virus</i>	cucurbits, pepper,
cyst nematode disease	<i>Heterodera glycines</i>	legumes
damping-off	<i>Pythium</i> spp.	cilantro, dill, legumes, lettuce, onion, parsley, parsnip, spinach, and other vegetables
damping-off (greenhouse)	<i>Pythium</i> spp.	celery
downy mildew of basil	<i>Peronospora belbahrii</i>	basil
downy mildew of cole crops	<i>Hyaloperonospora parasitica</i>	cole crops
downy mildew of cucurbits	<i>Pseudoperonospora cubensis</i>	cucurbits
downy mildew of dill/parsnip	<i>Peronospora umbellifarum</i>	dill, parsnip
downy mildew of garlic/onion	<i>Peronospora destructor</i>	garlic, onion
downy mildew of lettuce	<i>Bremia lactucae</i>	lettuce
downy mildew of spinach	<i>Peronospora farinosa</i>	spinach
downy mildew of turnip	<i>Bremia parasitica</i>	turnip
drop (Sclerotinia rot)	<i>Sclerotinia sclerotiorum</i>	lettuce
dry rot	<i>Fusarium solani</i>	potato
dwarf mosaic	<i>Maize dwarf mosaic virus</i>	sweet corn

Diseases		
Disease	Pathogen	Host Crop
early blight of celery	<i>Cercospora apii</i>	celery
early blight of tomato	<i>Alternaria solani</i>	potato, tomato
foot rot of tomato	<i>Fusarium solani</i>	tomato
foot rot of sweet potato	<i>Plenodomus destruens</i>	sweet potato
fruit rot of cucurbits	<i>Fusarium solani</i> f. sp. <i>cucurbitae</i>	cucurbits
Fusarium crown and root rot	<i>Fusarium oxysporum</i> f. sp. <i>asparagi</i> , <i>F. proliferatum</i>	asparagus
Fusarium wilt of basil	<i>Fusarium oxysporum</i> f. sp. <i>basilicum</i>	basil
Fusarium wilt of watermelon	<i>Fusarium oxysporum</i> f. sp. <i>niveum</i>	watermelon
Fusarium wilt of sweet potato	<i>Fusarium oxysporum</i> f. sp. <i>batatas</i>	sweet potato
Fusarium wilt of tomato	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i>	tomato
Fusarium wilt of legumes	<i>Fusarium oxysporum</i> f. sp. <i>phaseoli</i>	legumes
Fusarium wilt of okra	<i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i>	okra
gray leaf spot	<i>Cercospora zeaе-maydis</i>	sweet corn
gummy stem blight/black rot	<i>Didymella bryoniae</i>	cucurbits
late blight	<i>Phytophthora infestans</i>	potato, tomato
leaf mold	<i>Fulvia fulva</i>	tomato
lettuce mosaic	<i>Lettuce mosaic virus</i>	lettuce
northern corn leaf spot	<i>Bipolaris zeicola</i>	sweet corn
northern leaf blight	<i>Exserohilum turcicum</i>	sweet corn
Phytophthora blight	<i>Phytophthora capsici</i>	cucurbits, solanaceous
Phytophthora crown and spear rot	<i>Phytophthora asparagi</i>	asparagus
pink root	<i>Setophoma terrestris</i>	onion
Plectosporium blight	<i>Plectosporium tabacinum</i>	cucurbits
potato virus X	<i>Potato virus x</i>	potato
potato virus Y	<i>Potato virus y</i>	potato
powdery mildew of lettuce	<i>Erysiphe cichoracearum</i>	lettuce
powdery mildew of cole crops	<i>Erysiphe cruciferarum</i>	cole crops
powdery mildew of pepper/tomato	<i>Leveillula taurica</i>	pepper, tomato
powdery mildew of cucurbits	<i>Podosphaeria xanthii</i>	cucurbits
purple blotch	<i>Alternaria porri</i>	onion, garlic, leek
purple spot	<i>Stemphylium vesicarium</i>	asparagus
Rhizoctonia diseases	<i>Rhizoctonia solani</i>	cole crops
ring rot	<i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i>	potato
ringspot	<i>Papaya ringspot virus</i>	cucurbits
root and crown rot	<i>Phytophthora</i> spp.	rhubarb
root knot	<i>Meloidogyne</i> spp.	beet, carrot, cucurbits, potato,
root lesion	<i>Pratylenchus</i> spp.	potato
rust of asparagus	<i>Puccinia asparagi</i>	asparagus
rust of legumes	<i>Uromyces appendiculatus</i>	legumes

Diseases		
Disease	Pathogen	Host Crop
scab of cucurbits	<i>Cladosporium cucumerinum</i>	cucurbits
scab of potato	<i>Streptomyces scabies</i>	potato
scurf	<i>Monilochaetes infuscans</i>	sweet potato
Septoria blight of parsley	<i>Septoria petroselini</i>	parsley
Septoria leaf blight of tomato	<i>Septoria lycopersici</i>	tomato
Septoria leaf spot of radish	<i>Septoria lycopersici</i>	radish
Septoria leaf spot of mint	<i>Septoria menthae</i>	mint
silver scurf	<i>Helminthosporium solani</i>	potato
slippery skin	<i>Pseudomonas gladioli</i> pv. <i>alliiicola</i>	onion
smut of onion/leek	<i>Urocystis colchici</i>	onion, leek
smut of corn	<i>Ustilago maydis</i>	sweet corn
sour skin	<i>Pseudomonas cepacia</i>	garlic, onion
southern blight	<i>Sclerotium rolfsii</i>	eggplant, pepper, tomato
southern corn leaf blight	<i>Bipolaris maydis</i>	sweet corn
southern rust	<i>Puccinia polysora</i>	sweet corn
spearment rust	<i>Puccinia menthae</i>	mint
squash mosaic	<i>Squash mosaic virus</i>	cucurbits
Stemphylium leaf blight and stalk rot	<i>Stemphylium vesicarium</i>	garlic, leek, onion
Stewart's wilt	<i>Erwinia stewartii</i>	sweet corn
tobacco mosaic	<i>Tobacco mosaic virus</i>	potato, tomato
tomato spotted wilt	<i>Tomato spotted wilt virus</i>	tomato
Verticillium wilt	<i>Verticillium dahliae</i> , <i>Verticillium albo-atrum</i>	eggplant, mint, potato, tomato
watermelon mosaic	<i>Watermelon mosaic virus</i>	cucurbits
wheat streak mosaic	<i>Wheat streak mosaic virus</i>	sweet corn
white mold (timber rot)	<i>Sclerotinia sclerotiorum</i>	carrot, cole crops, eggplant, legumes, mint, pepper, potato, tomato
white rot	<i>Sclerotium cepivorum</i>	garlic, leek, onion
white rust	<i>Albugo candida</i>	cole crops, radish
yellows	<i>Fusarium oxysporum</i> spp.	cole crops
zucchini yellow mosaic	<i>Zucchini yellow mosaic virus</i>	cucurbits