

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





**THE  
PLANT DISEASE REPORTER**  
ISSUED BY  
THE OFFICE OF MYCOLOGY AND DISEASE SURVEY

Supplement 66

Index to Supplements 58-65

December 31, 1928



**BUREAU OF  
PLANT INDUSTRY**  
UNITED STATES DEPARTMENT OF AGRICULTURE



INDEX OF ORGANISMS AND NON-PARASITIC DISEASES  
IN  
THE PLANT DISEASE REPORTER  
SUPPLEMENTS LVIII--LXV, 1928

Plant Disease Reporter  
Supplement 66

December 31, 1928

Prepared by Mary G. Van Meter and Rosella C. Loftus

- Actinomyces scabies*, beet, 294.  
potato, 41, 93, 227.  
sp., sweet potato, 251, 385.
- Actinonema rosae* (see *Diplocarpon rosae*), 355.
- Agallia sticticollis*, sugar beet, 292.
- Albugo candida*, horseradish, 40, 267.  
mustard, 267.  
radish, 43, 267.  
turnip, 268.
- ipomoeae-panduranae*, sweet potato, 252.
- tragopogonis*, salsify, 299.
- Alternaria brassicae*, cabbage, 86, 264.  
cauliflower, 266.  
horseradish, 40, 89, 267.
- brassicae nigrescens*, Brussels sprouts, 267.
- citri*, citrus, 214.
- dianthi*, *Dianthus caryophyllus*, 420.
- forsythiae*, *Forsythia* sp., 53.
- herculea*, Chinese cabbage, 265.  
horseradish, 267.  
turnip, 268.
- panax*, *Panax quinquefolium*, 57.
- solani*, potato, 42, 43, 94, 227, 383.  
tomato, 46, 241, 386.
- sp., bell pepper, 41.  
carrot, 294.  
cotton, 284.  
ginseng, 296.  
okra, 297.  
pepper, 298.  
*Rosa* spp., 355.
- Sorbus americana*, 411.  
tobacco, 287.  
turnip, 103, 268.
- Ameris rosicola* (see *Uromyces rosicola*), 355.
- Amerosporium oeconomicum*, cowpea, 348.
- Ammoniation, citrus, 216.
- Aphanomyces euteiches*, *Lathyrus odoratus*, 425.  
pea, 91, 104, 279.  
raphani, radish, 43, 267.
- Aphelenchus agricola*, *Anemone coronaria*, 412.
- olesistus*, *Begonia* sp., 413.  
*subtenuis*, *Narcissus* spp., 426.
- Apiosporella rhodophila*, *Rosa setipoda*, 355.
- Aplanobacter insidiosum*, alfalfa, 17, 70, 343.  
*michiganense*, tomato, 100, 104, 117, 245.  
*stewartii*, corn, 337.  
sweet corn, 11.
- Armillaria mellea*, cherry, 177.  
citrus, 215.  
peach, 171.
- Pinus monticola*, 403.  
potato, 237.
- Pseudotsuga douglasii*, 404.
- Quercus* spp., 410.  
raspberry, 204.
- Rosa* sp., 356.  
strawberry, 187.
- Ascochyta medicaginis*, alfalfa, 345.

- pea, 92.  
 pinodella, pea, 280.  
 pisi, pea, 280.  
 plumbagicola, *Limonium latifolium*,  
 55.  
 rhei, rhubarb, 44, 299.  
 spp., alfalfa, 72.  
   pea, 279.  
*Ascochyta asparagina*, *Asparagus*  
*plumosis*, 413.  
*Ascospora rubi*, raspberry, 204.  
*Aspergillus niger*, fig, 217.  
   onion, 262.  
   *terreus*, *Rosa* sp., 356.  
*Asteroma rosae* (see *Diplocarpon rosae*),  
 356.  
 Aster yellows, *Erigeron annuus*, 433.  
 Aster yellows virus, *Leptilon canadense*,  
 433.
- B
- Bacillus amylovorus*, apple, 24, 26, 69,  
 105, 109, 138, 392.  
   apricot, 178.  
*Crataegus monogyna*, 52, 408.  
*Crataegus oxyacantha*, 52.  
*Malus coronaria*, 408.  
   pear, 26, 28, 69, 108, 109, 153, 395.  
   quince, 159.  
   *Rosa* sp., 356.  
 aroideae, *Zantedeschia aethiopica*,  
 432.  
 carotovorus, cabbage, 265.  
   carrot, 39, 86, 294.  
   celery, 277.  
   *Iris* spp., 55, 424.  
   lettuce, 277.  
   onion, 262.  
   squash, 273.  
   sweet potato, 252.  
   turnip, 268.  
 phytophthorus, potato, 42, 43, 93, 104,  
 229, 381.  
 sorghi, sugar sorghum, 77.  
 tracheiphilus, cucumber, 39, 269.  
   muskmelon, 38, 272.  
   pumpkin, 273.  
   squash, 44, 274.  
   watermelon, 275.  
 Bacterial blight, bean, 82.  
   lima bean, 89.  
   strawberry, 109, 117.  
   wheat, 81.  
 Bacterial bud rot, *Gardenia florida*,  
 421.  
 Bacterial canker, tomato, 69.  
 Bacterial disease, sorghum, 342.  
 Bacterial leaf spot, alfalfa, 345.  
   *Convallaria majalis*, 417.  
   strawberry, 188.  
 Bacterial soft rot, pepper, 298.  
 Bacterial wilt, squash, 100.  
 Bacteriosis, bean, 69, 82.  
*Bacterium andropogoni*, sorghum, 341.  
   *angulatum*, tobacco, 285.  
   *apii*, celery, 277.  
   *atrofaciens*, wheat, 321.  
   *campestre*, cabbage, 37, 264.  
     cauliflower, 266.  
     kale, 267.  
     rutabaga, 268.  
     turnip, 268.  
   *cerasi*, cherry, 177.  
     peach, 171.  
     plum, 174.  
   *citrarefaciens* (see *B. citriputeale*),  
 212.  
   *citri*, citrus, 212.  
   *citriputeale*, citrus, 212.  
   *coronafaciens*, oats, 12.  
   *coronafaciens atropurpureum*, *Agro-*  
*pyron repens*, 351.  
     quack grass, 22.  
   *delphinii*, *Delphinium belladonna*, 53.  
     *Delphinium* sp., 419.  
     *Delphinium* spp., 53.  
   *erodii*, *Pelargonium* sp., 427.  
   *gummisudans*, *Gladiolus* sp., 412.  
   *juglandis*, walnut, 222.  
   *lachrymans*, cucumber, 39, 88, 269.  
   *maculicolum*, cabbage, 265.  
     cauliflower, 266.  
   *malvacearum*, cotton, 282, 389.  
   *marginatum*, *Gladiolus* sp., 421.  
     *Gladiolus* spp., 54.  
     *Tigridia pavonia*, 431.  
   *medicaginis*, alfalfa, 18, 70, 81,  
 344.  
   *mori*, *Morus alba tartarica*, 56.  
     *Morus* spp., 56.  
     mulberry, 212.  
   *pelargoni*, *Pelargonium* sp., 428.  
   *phaseoli*, bean, 36, 37, 82, 104,  
 255, 256.  
     lima bean, 260.

- phaseoli sojense, soybean, 23, 349  
 pisi, pea, 90, 280.  
 pruni, apricot, 28, 178.  
   cherry, 29, 177.  
   German prune, 32.  
   peach, 30, 164.  
   plum, 31, 174.  
   Prunus besseyi, 58.  
   Prunus sp., 59.  
   Rocky Mountain dwarf cherry, 177.  
 puerariae, kudzu, 350.  
 sojae, soybean, 349.  
 solanacearum, bean, 255, 256.  
   Dahlia sp., 418.  
   eggplant, 295.  
   pepper, 298.  
   potato, 232.  
   tobacco, 287.  
   tomato, 245, 386.  
 sp., Pelargonium sp., 428.  
 spp., bean, 387.  
 striafaciens, oats, 12, 333.  
 tabacum, tobacco, 285.  
 translucens, barley, 6, 74, 81, 329.  
 translucens undulosum, wheat, 15,  
   17, 78, 319, 372.  
 trifoliorum, red clover, 21, 346.  
 tumefaciens, apple, 24, 105, 141.  
   beet, 294.  
   blackberry, 203.  
   grape, 107, 182.  
   Lathyrus odoratus, 425.  
   loganberry, 209.  
   peach, 107, 171.  
   pear, 158.  
   plum, 174.  
   poplar, 113.  
   Populus bolleana, 58.  
   Populus spp., 58.  
   raspberry, 35, 108, 203.  
   Rosa spp., 60, 113, 356, 429.  
   Salix spp., 410.  
   tomato, 246.  
 vesicatorium, pepper, 298.  
   tomato, 46, 246.  
 vignae, cowpea, 348.  
 viridifaciens, lima bean, 260.  
 woodsii, Dianthus caryophyllus, 420.  
 Baldwin spot, apple, 150.  
 Basal stem rot, wheat, 320.  
 Basisporium gallarum, corn, 8, 338.  
   sweet corn, 11.  
 Bastard seed head, onion, 262.  
 Bitter pit, apple, 145.  
   pear, 158.  
 Black end rot, pear, 159.  
 Black heart, celery, 87, 277.  
   potato, 238.  
 Black root, strawberry, 185.  
 Black spot, cabbage, 265.  
 Blast, oats, 13, 333.  
 Blastocladiella tenuis, Rosa sp., 356.  
   Rosa spp., 429.  
 Blight, citrus, 215.  
   Phlox spp., 428.  
 Blossom drop, bean, 259.  
   tomato, 247.  
 Blossom end rot, tomato, 46, 102, 246.  
   watermelon, 47, 103, 275.  
 Blossom shed, persimmon, 219.  
 Body-cankers, cherry, 106, 178.  
   peach, 107.  
   planetree, 112.  
 Botryosphaeria berengeriana, pecan, 221.  
   ribis, currant, 209.  
   Rosa spp., 356.  
 Botrytis cinerea, Abies lasiocarpa, 401.  
   Chrysanthemum spp., 416.  
   citrus, 214.  
   currant, 209.  
   Dahlia sp., 418.  
   Dendrobium thyrsoiflorum, 420.  
   eggplant, 295.  
   feijoa, 217.  
   Hydrangea sp., 423.  
   Pseudotsugae douglasii, 404.  
 paeonia, Paeonia sp., 426.  
 sp., Anemone sp., 412.  
   Begonia sp., 413.  
   cabbage, 265.  
   fennel, 296.  
   fig, 217.  
   gooseberry, 210.  
   grape, 182.  
   Iris spp., 424.  
   lettuce, 277.  
   Marsilea sp., 426.  
   Paeonia sp., 427.  
   Pelargonium sp., 428.  
   pepper, 298.  
   Picea sp., 402.  
   potato, 237.  
   raspberry, 204.  
   Rhododendron spp., 429.  
   Rosa spp., 356, 429.  
   Senecio cruentus, 430.

- strawberry, 187.  
 tomato, 247.  
 spp., onion, 90, 261.  
 tulipae, *Tulipa* spp., 431.
- Breakdown, apple, 151.  
*Bremia lactucae*, lettuce, 278.  
 Brown blight, lettuce, 278.  
 Brown root rot, tobacco, 287.  
 Budrot, *Canna* sp., 416.  
*Bulgaria inquinans*, *Quercus* spp., 410.  
*polymorpha*, *Quercus* spp., 410.
- C
- Caconema raditicola*, alfalfa, 345.  
 apple, 105.  
 bean, 259.  
 beet, 86, 294.  
*Begonia* sp., 413.  
*Buddleia* sp., 414.  
 cabbage, 265.  
 carrot, 87, 294.  
 celery, 277.  
*Chrysanthemum* spp., 416.  
 cotton, 283, 389.  
 cucumber, 271.  
*Cyclamen* sp., 418.  
*Dahlia* sp., 418.  
 fig, 217.  
*Forsythia* sp., 421.  
*Gardenia florida*, 421.  
 muskmelon, 273.  
 okra, 297.  
 onion, 262.  
*Paeonia* sp., 427.  
 pea, 93, 280.  
 peach, 172.  
 potato, 237.  
 privet, 113.  
 rhubarb, 99, 299.  
*Rosa* spp., 356.  
*Schinus molle*, 411.  
*Spiraea lucida*, 431.  
 squash, 274.  
 strawberry, 187.  
 sugar beet, 86.  
 sweet potato, 252.  
 tobacco, 287.  
 tomato, 103, 247.  
 watermelon, 275.
- Calico*, alfalfa, 72.  
 potato, 95, 236.
- Calyptospora columnaris*, *Vaccinium*
- parvifolium, 434.  
 Canker, asparagus, 294.  
 flax, 340.  
 pear, 108.
- Capnodium citricolum*, citrus, 215.  
 sp., watermelon, 275.
- Cenangium acuum*, *Pinus resinosa*, 403.
- Cephaleuros mycoidea*, avocado, 217.  
 citrus, 215.  
 guava, 218.  
 loquat, 218.
- Cephalobus elongatus*, *Anemone coronaria*, 412.
- Cephalosporium acremonium*, corn, 9, 338.
- Cephalothecium roseum*, apple, 148.
- Ceratostomella fimbriata*, sweet potato, 250, 385.
- Cercospora althaeina*, *Althaea rosea*, 412.  
*ampelopsidis*, *Ampelopsis engelmannii*, 49.  
*Ampelopsis quinquefolia*, 49.  
*amphakodes*, *Phlox glaberrima suffruticosa*, 57.  
*Phlox* spp., 57.  
*anethi*, dill, 295.  
*angulata*, currant, 33, 210.  
*antipus*, *Lonicera sempervirens*, 56.  
*apii carotae*, carrot, 39, 294.  
*apii*, celery, 39, 276.  
*apii pastinacae*, parsnip, 40, 297.  
*armoraciae*, horseradish, 40, 267.  
*asparagi*, asparagus, 293.  
*atricincta*, *Zinnia elegans*, 432.  
*beticola*, beet, 37, 294.  
 sugar beet, 23, 83, 293.  
 swiss chard, 45, 300.  
*capsici*, pepper, 298.  
*catalpae*, *Catalpa* sp., 51.  
*caulicola*, asparagus, 293.  
*circumscissa*, *Prunus serotina*, 59.  
*Prunus virginiana*, 59.  
*citrullina*, watermelon, 275.  
*cruenta*, bean, 259.  
 cowpea, 349.  
 soybean, 349.  
*davisii*, sweet clover, 21, 348.  
*desmanthi*, *Desmanthus illinoensis*, 432.  
*deutziae*, *Deutzia gracilis*, 53.  
*Deutzia* spp., 53.  
*fusca*, pecan, 221.



- hydrangeana, *Hydrangea* sp., 423.  
 hyperici, *Hypericum adpressum*, 424.  
 kellermanii, *Althaea rosea*, 49.  
 kikuchii, soybean, 349.  
 macromaculans, *Syringa* spp., 62.  
 mali, apple, 148.  
 medicaginis, alfalfa, 72, 345.  
 moricola, *Morus* spp., 56.  
 nicotianae, tobacco, 287.  
 omphakodes, *Phlox* spp., 428.  
 opuli, *Viburnum opulus*, 62.  
     *Viburnum opulus sterile*, 62.  
     *Viburnum trilobum*, 62.  
 personata, peanut, 297.  
 rosicola, *Rosa* spp., 60, 357, 429.  
 rosicola undosa, *Rosa humilis*, 357.  
 rosigena, *Rosa* sp., 357.  
 rubi, blackberry, 200.  
     raspberry, 204.  
 rudbeckiae, *Rudbeckia laciniata*, 433.  
     *Rudbeckia purpurea*, 60.  
 sp., *Phlox* spp., 428.  
     *Rhododendron* spp., 429.  
     sorghum, 341.  
     soybean, 349.  
 spp., fig, 217.  
 squalidula, clematis, 110.  
     *Clematis* spp., 417.  
 vexans, *Fragaria vesca*, 187.  
     *Fragaria virginiana*, 187, 433.  
     strawberry, 187.  
 violae, *Viola cucullata*, 63.  
 zebrina, alsike clover, 346.  
     hop clover, 346.  
     red clover, 346.  
     white clover, 76, 346.
- Cerotelium fici*, fig, 217.  
 Chlorosis, apple, 105, 109, 116, 151.  
     bean, 259.  
     citrus, 216.  
     fruits, 69, 115.  
     grape, 34, 107, 109, 116, 182.  
     lettuce, 278.  
     muskmelon, 273.  
     ornamentals, 115.  
     pea, 280.  
     peach, 107, 116, 172.  
     peanut, 297.  
     pear, 159.  
     persimmon, 219.  
     raspberry, 103, 109, 116, 205.  
     *Rosa* spp., 369.  
     shrubs, 116.  
     trees, 116.
- woody plants, 68.  
*Cladosporium carpophilum*, apricot, 178.  
     peach, 30, 31, 164, 393.  
     cucumerinum, cucumber, 271.  
     muskmelon, 273.  
     fulvum, tomato, 46, 247.  
     fuscum, *Rosa* sp., 357.  
     *Rosa* spp., 429.  
     paeoniae, *Paeonia* sp., 427.  
     *Paeonia* spp., 57.  
     sp., *Rosa* spp., 357.  
     *Viola* sp., 431.  
     vignae, cowpea, 349.
- Claviceps purpurea*, barley, 6, 329.  
     *Bromus* sp., 351.  
     *Chaetochloa viridis*, 351.  
     rye, 14, 15, 323, 373.  
     wheat, 15, 318.  
     sp., dallis grass, 351.
- Coccomyces hiemalis*, cherry, 29, 30, 106, 176, 398.  
     plum, 31.  
     *Prunus melanocarpa*, 409.  
     prunophorae, German prune, 32.  
     plum, 175.  
     sp., apricot, 28.
- Cold injury, sweet potato, 253.  
*Coleosporium solidaginis*, *Callistephus chinensis*, 50, 414.  
 Collar rot, apple, 105.  
*Colletotrichum antirrhini*, *Antirrhinum majus*, 412.  
     atramentarium, eggplant, 88.  
     potato, 94.  
     cereale, wheat, 15.  
     circinans, onion, 262.  
     destructivum, alsike clover, 75.  
     red clover, 75.  
     falcatum, sugar cane, 289.  
     gloeosporioides, citrus, 215.  
     gossypii, cotton, 389.  
     graminicolum, barley, 6, 329.  
     *Holcus sorghum sudanensis*, 351.  
     oats, 12.  
     rye, 14.  
     wheat, 318.  
     griseum, *Euonymus* spp., 420.  
     higginsianum, turnip, 268.  
     lagenarium, cucumber, 270.  
     muskmelon, 38, 272.  
     watermelon, 47, 274.  
     lindenuthianum, bean, 36, 37, 254, 387.  
     lineola, *Holcus halepensis*, 351.

- phomoides, tomato, 247.  
 pisi, pea, 280.  
 sp., asparagus, 294.  
   date, 217.  
   fig, 218.  
   strawberry, 187.  
 spinaceae, spinach, 299.  
 trifolii, red clover, 346, 347.  
*Collybia dryophila*, dewberry, 209.  
*Comandra umbellata*, Rosa spp., 357.  
 Concave gum disease, citrus, 216.  
*Coniosporium limoniforme*, Rosa sp., 357.  
*Coniothyrium concentricum*, Yucca sp.,  
   432.  
   fuekelii, (see *Leptosphaeria conio-*  
   thyrium), 357.  
   pyrina, apple, 25.  
   pear, 27.  
   rosarum, Rosa spp., 357.  
   sp., peach, 172.  
     Rosa spp., 358, 429.  
   wernsdorffiae, Rosa spp., 357.  
 Cork, apple, 151.  
 Corn root worm, corn, 10.  
*Corticium koleroga*, citrus, 215.  
   fig, 218.  
   persimmon, 219.  
   stevensii, Rosa sp., 358.  
   vagum, bean, 83, 104, 258.  
     beet, 84, 294.  
     cabbage, 265.  
     carrot, 87, 294.  
     cauliflower, 266.  
   *Cordyline terminalis*, 417.  
   cotton, 283.  
   *Delphinium* sp., 419.  
   *Dianthus caryophyllus*, 420.  
   eggplant, 295.  
   lettuce, 278.  
   lima bean, 260.  
   pea, 279.  
   pepper, 298.  
   potato, 42, 43, 94, 104, 230, 381.  
   sugar beet, 84, 292.  
   tobacco, 287.  
   tomato, 102, 247.  
*Coryneum beijerinckii*, almond, 105.  
   apricot, 106, 178.  
   cherry, 177.  
   peach, 107, 172.  
   microstictum, Rosa sp., 358.  
   sp., Rosa spp., 358.  
 Crinkle joint, wheat, 322.  
*Cronartium cerebrum*, Pinus resinosa,  
   403.  
   comptoniae, Pinus sylvestris, 404.  
   harknessii, Pinus ponderosa, 403.  
   ribicola, Pinus strobus, 403.  
 Crown rot, alfalfa, 19, 69, 72, 81,  
   344.  
*Cryptosporella viticola*, grape, 182.  
*Cucurbitaria pithyophila*, Pinus mon-  
   ticola, 403.  
   rosae, Rosa sp., 358.  
 Curl, blackberry, 208.  
   *Lucretia* blackberry, 208.  
   raspberry, 197.  
   *Rubus allegheniensis*, 208.  
 Curly top, (see yellows), 243.  
   bean, 83, 259.  
   beet, 85.  
   carrot, 87, 295.  
   cucumber, 271.  
   horseradish, 89, 267.  
   muskmelon, 273.  
   pepper, 298.  
   spinach, 100, 299.  
   squash, 100, 274.  
   sugar beet, 69, 104, 291.  
   tobacco, 287.  
   tomato, 386.  
*Cuscuta indecora*, Rosa sp., 358.  
   paradoxa, Rosa sp., 358.  
   sp., alfalfa, 117, 345.  
     *Chrysanthemum* spp., 417.  
     citrus, 215.  
   spp., alfalfa, 72, 115.  
     beet, 115.  
     carrot, 115.  
     onion, 115.  
     pea, 115.  
     potato, 115.  
     sugar beet, 115.  
     tomato, 115.  
*Cylindrocladium scoparium*, Rosa spp.,  
   358, 429.  
*Cylindrosporium caryigenum*, pecan, 221.  
   chrysanthemi, *Chrysanthemum* spp.,  
   416.  
   fillipendulae, *Spiraea douglasi*, 62.  
   *Spiraea margarita*, 62.  
   *Spiraea* spp., 62.  
   *Spiraea thunbergii*, 62.  
   *Spiraea vanhouttei*, 62.  
   fraxini, *Fraxinus americana*, 54.  
   *Fraxinus lanceolata*, 54.

heraclei, *Heracleum*, 90.  
*Heracleum lanatum*, 433.  
 parsnip, 90.  
 pastinaceae, parsnip, 90.  
 salicifoliae, *Spiraea lucida*, 431.  
 salicinum, *Salix pentandra*, 61.  
*Salix*, spp., 61.  
*Salix vitellina*, 61.  
 shepherdiae, buffaloberry, 110.  
*Shepherdia argentea*, 431.  
*Shepherdia canadensis*, 433.  
 sp., *Rosa* sp., 358.  
*Cystospora batata*, sweet potato, 45.  
*Cytospora chrysosperma*, poplar, 113.  
*Populus* sp., 409.  
*Populus* spp., 58.  
 leucostoma, peach, 172.  
 nivea, *Populus alba*, 409.  
 rubescens, *Sorbus aucuparia*, 61.  
 sp., apple, 105.  
*Rosa* sp., 358.  
*Sorbus quercifolia*, 411.

## D

Damping-off, bean, 259.  
 onion, 262.  
*Dasyscypha calicyformis*, *Pinus mon-  
 ticola*, 403.  
 calycina, *Larix* sp., 402.  
 fuscousanguinea, *Pinus albicaulis*,  
 403.  
*Dendrophoma obscurans*, strawberry, 187.  
*Diabrotica duodecimpunctata*, muskmelon,  
 38.  
 vittata, muskmelon, 38.  
*Diaporthe batatatis*, sweet potato, 252,  
 253.  
 citri, citrus, 213.  
 oligocarpoides, *Rosa* sp., 358.  
 phaseolorum, lima bean, 260.  
 sojiae, soybean, 349.  
 sp., *Rosa* sp., 361.  
 umbrina, *Rosa* spp., 358, 430.  
*Diatrype tristicha* (see *Valseutypella  
 tristicha*), 361.  
*Dicoccum rosae* (see *Diplocarpon rosae*),  
 361.  
*Didymaria clematidis*, clematis, 110.  
*Clematis* spp., 417.  
 didymia, *Ranunculus septentrionalis*,  
 433.  
*Didymella nigrificans*, *Rosa* sp., 361.

rauii, *Rosa* sp., 361.  
*Didymellina iridis*, *Iris*, 111.  
*Iris* spp., 55, 424.  
 Die-back, apple, 151.  
 cherry, 69, 106, 109.  
 citrus, 216.  
 peach, 69, 107.  
*Dimerosporium collinsii*, *Amelanchier  
 elliptica*, 406.  
 galactis, *Galax aphylla*, 421.  
*Diplocarpon earliana*, strawberry, 187.  
 rosae, *Rosa* spp., 60, 361, 430.  
 rose, 113.  
*Diplodia*, corn, 11.  
 gossypina, cotton, 284.  
 natalensis, citrus, 213.  
 rosae, *Rosa* spp., 361.  
 sp., citrus, 214.  
 fig, 218.  
*Rosa* spp., 361.  
 tubericola, sweet potato, 253.  
 zeae (see *Basisporium gallarum*),  
 11.  
 corn, 8, 9, 335.  
 sweet corn, 11.

*Discella populina*, *Populus alba nivea*,  
 58.  
*Populus* sp., 58.  
*Discosia artocreas*, *Rosa* spp., 361,  
 430.  
 Distortion of heads, wheat, 322.  
*Dothichiza populea*, *Populus deltoides*,  
 409.  
*Populus nigra italica*, 409.  
*Populus* sp., 409.  
*Populus* spp., 58.  
*Dothidea rosae* (see *Phyllachora rosae*),  
 361.  
*Dothiorella* sp., *Rosa* spp., 361.  
 Drought injury, corn, 8.  
 Drought spot, apple, 151.  
 Dry root rot, alfalfa, 73.  
 citrus, 216.  
 Dwarf, blackberry, 207.  
 Dahlia sp., 419.  
 loganberry, 209.  
 Dwarfing, sugar beet, 84.

## E

*Earlea speciosa* (see *Phragmidium  
 speciosum*), 361.  
 Ear rots, corn, 335, 380.

- Endothia parasitica*, *Castanea dentata*,  
 51, 406.  
*Castanea* sp., 51.  
*Entyloma australe*, groundcherry, 40.  
*lineatum*, *Zizania aquatica*, 352.  
*Erysiphe cichoracearum*, *Callistephus*  
*chinensis*, 415.  
*Chrysanthemum* spp., 417.  
 cucumber, 39, 271.  
 golden glow, 111.  
*Helianthus giganteus*, 54.  
*Helianthus debilis*, 54.  
 muskmelon, 86, 273.  
*Phlox* spp., 57, 428.  
 pumpkin, 43, 275.  
 squash, 44, 100.  
 sunflower, 114, 350.  
 watermelon, 275.  
*Zinnia elegans*, 432.  
*Zinnia* sp., 63.  
*graminis*, barley, 329.  
 bluegrass, 22.  
 Kentucky bluegrass, 75.  
 oats, 77.  
*Poa pratensis*, 352.  
 rye, 14, 324.  
 wheat, 15, 78, 319.  
*polygoni*, *Aquilegia* sp., 413.  
*Aquilegia* spp., 50.  
 bean, 37, 63, 259.  
*Clematis* spp., 417.  
 cowpea, 22, 349.  
*Dahlia* spp., 53.  
*Delphinium* sp., 111, 419.  
*Lathyrus odoratus*, 425.  
*Oenothera biennis*, 433.  
*Oenothera laciniata*, 433.  
 pea, 40, 91, 280.  
*Plantago major*, 347.  
 red clover, 21, 75, 346.  
 sweet pea, 114.  
 turnip, 47, 103, 268.  
 spp., *Dahlia* sp., 413.  
*Eutypella sorbi*, *Sorbus* sp., 411.  
*Exanthema*, citrus, 216.  
*Exoascus cerasi*, *Prunus serotina*, 177.  
*communis*, plum, 174.  
*confusus*, *Prunus virginiana*, 410.  
*deformans*, peach, 30, 31, 107, 163,  
 393.  
*mirabilis*, plum, 175.  
*Prunus hortulana*, 59.  
*pruni*, plum, 31, 174.  
*Exosporium palmivorum*, date, 217.
- F
- Fabraea maculata*, *Amelanchier glabra*,  
 406.  
*Amelanchier* sp., 49.  
*Crataegus oxyacantha pauli*, 52.  
 pear, 27, 28, 157, 395.  
 quince, 23, 159.  
 False blossom, cranberry, 211.  
 False canker, citrus, 215.  
 Fasciation, asparagus, 294.  
*Rosa* sp., 369.  
 Fire blight, apple, 69.  
 pear, 69.  
*Pomes fulvus*, plum, 31, 175.  
 Foot rot, wheat, 320.  
 Freezing injury, citrus, 216.  
 Frenching, tobacco, 287.  
 Frost injury, apple, 147.  
 boxwood, 147.  
*Buxus sempervirens*, 414.  
 cherry, 30.  
 grape, 183.  
 Japanese maple, 147.  
 Norway maple, 147.  
 peach, 171.  
 pear, 147.  
 raspberry, 205.  
 tulip, 147.  
 Fruit gumming, peach, 172.  
 Fruit mold, raspberry, 205.  
 Fruit rots, tomato, 102, 248.  
*Fuligo* sp., grasses, 351.  
 vagans, strawberry, 187.  
*Fumago* sp., apple, 148.  
 vagans, *Chrysanthemum* spp., 417.  
*Fusaria*, corn, 9, 338.  
 onion, 262.  
*Fusarium affine*, tobacco, 287.  
 batatas, sweet potato, 44, 45,  
 249, 385.  
 conglutinans, cabbage, 38, 263.  
 kale, 267.  
 conglutinans *callistephi*, china  
 aster, 110.  
*Callistephus chinensis*, 415.  
 corn, 11, 335.  
*culmorum letetius*, barley, 329.  
 wheat, 321.  
*culmorum*, wheat, 79.  
*eumartii*, potato, 232.

- hyperoxysporum, sweet potato, 44,  
 45, 249, 385.  
 lini, flax, 22, 340.  
 lycopersici, tomato, 46, 102, 242,  
 386.  
 malli, onion, 89, 262.  
 martii phaseoli, bean, 259.  
 martii pisi, pea, 41, 92, 279.  
 moniliforme, corn, 335.  
 moniliforme fici, fig, 218.  
 niveum, watermelon, 47, 103, 275.  
 oxysporum gladioli, Gladiolus sp.,  
 422.  
 oxysporum nicotianae, tobacco, 287.  
 oxysporum, potato, 42, 43, 231, 381.  
 sweet potato, 44.  
 potato, 104.  
 roseum, Rosa sp., 362.  
 salicis, Laburnum vossi, 425.  
 sp., alfalfa, 345.  
 asparagus, 294.  
 Campanula americana, 416.  
 celery, 277.  
 corn, 9, 380.  
 Dianthus caryophyllus, 420.  
 Freesia refracta alba, 421.  
 Lathyrus odoratus, 425.  
 muskmelon, 273.  
 Narcissus spp., 426.  
 parsley, 297.  
 pea, 279.  
 pepper, 298.  
 Picea sp., 403.  
 Pseudotsuga douglasii, 404.  
 red pepper, 41.  
 Rosa sp., 362.  
 soybean, 349.  
 spinach, 299.  
 squash, 274.  
 strawberry, 188.  
 spp., bean, 37, 83, 259, 387.  
 corn, 9.  
 Crocus sp., 418.  
 Gladiolus sp., 422.  
 Larix spp., 402.  
 pea, 92.  
 potato, 94, 231.  
 tomato, 69, 104.  
 vasinfectum, cotton, 281, 389.  
 okra, 297.  
 vasinfectum tracheiphilus, cowpea,  
 349.  
 wheat, 320.
- Fusicladium effusum, pecan, 219.  
 pisicola, pea, 92, 280.  
 saliciperidum, Salix spp., 410.  
 Fusicoccum castaneum, Castanea sp., 51.  
 sp., Rosa sp., 362.  
 Fusisporium rubi, blackberry, 208.  
 dewberry, 209.
- G
- Gibberella, corn, 11, 335.  
 moricola, Morus spp., 56.  
 saubinetii, barley, 6, 329.  
 corn, 335, 379.  
 oats, 12.  
 rye, 14, 324.  
 wheat, 15, 17, 316, 371.  
 spp., corn, 9.  
 Gloeodes pomigena, apple, 24, 143.  
 Gloeosporium apocryptum, Acer plata-  
 noides, 405.  
 caulivorum, red clover, 21, 347.  
 limeticolum, citrus, 215.  
 medicaginis, alfalfa, 74.  
 perennans, apple, 148.  
 rosae, Rosa spp., 362.  
 rumicis, sour grass, 299.  
 sp., Acer palmatum, 405.  
 avocado, 217.  
 Euonymus spp., 421.  
 Rosa sp., 362.  
 Ulmus pumila, 411.  
 Glomerella cincta, Rosa sp., 362.  
 cingulata, apple, 136, 391.  
 Cyclamen sp., 418.  
 Ficus elastica, 421.  
 fig, 218.  
 pecan, 221.  
 quince, 159.  
 raspberry, 200.  
 tomato, 248.  
 gossypii, cotton, 282.  
 sp., pepper, 298.  
 Glutinium macrosporium, apple, 148.  
 Gnomonia leptostyla, Juglans cinerea,  
 55, 408.  
 Juglans nigra, 55.  
 ulmea, Ulmus spp., 62, 411.  
 veneta, planetree, 112.  
 Platanus occidentalis, 57.  
 Platanus sp., 409.  
 Quercus spp., 59, 410.  
 Graphiola phoenicis, date, 217.

- Gray disease, *Narcissus* spp., 426.
- Guignardia aesculi, *Aesculus glabra*, 48.  
*Aesculus hippocastanum*, 48.  
*Aesculus* spp., 406.  
*bidwellii*, *Ampelopsis quinquefolia*,  
 49.  
*Ampelopsis* spp., 412.  
*Ampelopsis tricuspidata*, 49.  
 grape, 34, 35, 179, 390.  
 sp., *Rhododendron* spp., 429.
- Gummosis, citrus, 216.
- Gymnoconia interstitialis, blackberry,  
 33, 206.  
 dewberry, 209.  
 raspberry, 35, 202.  
*rosae gymnocarphae*, *Rosa gymnocarpha*,  
 362.
- Gymnosporangium, apple, 391.  
*botryapites*, *Chamaecyparis* spp., 401.  
*germinale*, *Malus floribunda*, 408.  
 quince, 159.  
*juniperi-virginianae*, apple, 24, 26,  
 130.  
*Malus angustifolia*, 408.  
*Malus arnoldiana*, 408.  
*Malus ioensis*, 56, 133.  
*Malus sargentii*, 409.  
*nootkatensis*, *Sorbus americana sit-*  
*chensis*, 411.
- H
- Hainesia lythri (see *Pezizella lythri*),  
 362.
- Heat canker, pear, 159.  
*Pyrus ussuriensis*, 159.
- Heat necrosis, potato, 258.
- Helminthosporium avenae, oats, 76, 81.  
*californicum*, barley, 329.  
*gramineum*, barley, 6, 74, 81, 327,  
 375.  
*sacchari*, sugar cane, 290.  
*sativum*, barley, 7, 74, 81, 328.  
 wheat, 79, 320.  
 sp., wheat, 320.  
 spp., wheat, 16.  
*teres*, barley, 7.  
 wheat, 320.
- Hendersonia hypocarpa, *Rosa* sp., 362.
- Herpotrichia nigra, *Abies amabilis*,  
 401.
- Heterodera radiculicola (see *Caconema*  
*radiculicola*).
- schachtii*, beet, 86.  
 sugar beet, 293.
- Heterosporium phlei, *Phleum pratense*,  
 352.  
 spp., wheat, 321.  
*variabile*, spinach, 300.
- Hollow heart, potato, 238.
- Hollow-stem, celery, 277.
- Hopperburn, potato, 42, 43, 236, 383.
- Hormodendrum cladosporioides, wheat,  
 321.
- Hypochnus sp., apple, 148.
- Hypoderma lineare, *Pinus strobus*, 403.
- Hypodermella abietis concoloris, *Abies*  
*grandis*, 401.  
*Abies lasiocarpa*, 401.
- I
- Internal breakdown, apple, 105.  
 sweet potato, 253.
- Internal browning, apple, 151.  
 potato, 238.
- Internal brown spot, potato, 238.
- Intumescences, cabbage, 265.
- Isariopsis griseola, bean, 259.
- J
- Jonathan spot, apple, 105, 151.
- K
- Kabatiella sp., (see *Polyspora* sp.),  
 362.
- Kernel spot, pecan, 222.
- King David spot, apple, 151.
- Kuehneola uredinis, blackberry, 208.  
 raspberry, 204.
- Kunkelia nitens, blackberry, 33, 206.  
 dewberry, 209.  
 raspberry, 202.  
*rosae gymnocarphae* (see *Gymnosporan-*  
*gium rosae-gymnocarpa*), 362.
- L
- Labrella aspidistrae, *Aspidistra* sp.,  
 413.
- Laestadia rhodoraе, *Rhododendron* spp.,  
 429.
- Late blight, sugar beet, 84.
- Leaf blight, poplar, 113.

- Leaf curl, raspberry, 36, 399.  
 Leaf hopper, alfalfa, 20.  
 Leaf roll, potato, 42, 43, 95, 104,  
     234, 381.  
     tomato, 248.  
 Leaf scorch, apple, 151.  
 Leaf spot, *Berberis* spp., 414.  
     *Berberis thunbergii*, 414.  
     cherry, 106.  
     *Papaver orientale*, 427.  
     privet, 113.  
     sunflower, 350.  
     sweet clover, 78.  
*Leptosphaeria agminalis*, *Clematis* spp.,  
     417.  
     *berberidis*, *Berberis vulgaris*, 50.  
     *coniothyrium*, blackberry, 208.  
         raspberry, 35, 201.  
         *Rosa* spp., 362.  
     *heterospora*, *Iris* spp., 55.  
*Leptothyrium pomi*; apple, 24, 143.  
     *Malus floribunda*, 408.  
     *rosarum* (see *Pezizella lythri*), 362.  
 Lightning injury, cotton, 284.  
     potato, 239.  
 Limb blight, *Cedrus deodara*, 401.  
 Little leaf, grape, 163.  
 Little peach, peach, 31, 169, 393.  
*Lophiostoma auctum*, *Rosa* sp., 363.  
*Lophodermium juniperinum*, *Juniperus* spp.,  
     402.  
     *nervisequium*, *Abies lasiocarpa*, 401.  
     *pinastri*, *Libocedrus decurrens*, 402.  
         *Pinus flexilis*, 403.  
         *Pinus monticola*, 403.  
     *rhododendri*, *Rhododendron* spp., 429.
- M
- Macrophoma candollei*, *Buxus sempervirens*,  
     414.  
     *fici*, fig, 218.  
     *parca*, *Abies lasiocarpa*, 401.  
     *phaseoli*, bean, 258.  
         potato, 237.  
         sweet potato, 252.  
     sp., potato, 237.  
     *Rosa* sp., 363.  
*Macrosporium calycanthi*, *Calycanthus*  
     *floridus*, 50.  
     *carotae*, carrot, 295.  
     *chevianthi*, (see *Alternaria* sp.), 363.  
     *cucumerinum*, cantaloupe, 86.  
     cucumber, 86, 88, 271.  
     muskmelon, 271.  
     squash, 86, 100, 274.  
     watermelon, 86, 103, 275.  
     porri, onion, 90, 262.  
     *sarcinaeforme*, red clover, 347.  
     *sarcinula parasiticum*, leek, 296.  
         onion, 262.  
     sp., alfalfa, 18, 345.  
         eggplant, 295.  
         *Iris* spp., 424.  
         lettuce, 278.  
         *Rosa* sp., 363.  
 Malnutrition, cotton, 284.  
 Marl disease, celery, 277.  
*Marssonina populi*, *Populus angustifolia*,  
     112.  
     *Populus nigra italica*, 409.  
     *rosae* (see *Diplocarpon rosae*), 363.  
*Marssonina brunnea*, *Populus eugenei*, 58.  
     *martini*, *Quercus alba*, 59.  
         *Quercus rubra*, 59.  
     *panattoniana*, lettuce, 278.  
     *populi*, *Populus* spp., 58.  
 Measles, apple, 151.  
*Melampsora lini*, flax, 340.  
     *medusae*, *Populus canadensis*, 58.  
*Melampsoropsis abietina*, *Ledum groen-*  
     *landicum*, 426.  
     *cassandrae*, *Chamaedaphne calyculata*,  
         432.  
*Melanconium bicolor*, *Betula alba*, 50.  
     *fuligineum*, grape, 182.  
*Metasphaeria taxicola*, *Taxus canadensis*,  
     404.  
*Microsphaera alni*, *Gleditsia tria-*  
     *canthos*, 408.  
     *Juglans nigra*, 55, 408.  
     *Juglans regia*, 55.  
     *Lathyrus odoratus*, 425.  
     *Lonicera* spp., 56.  
     *Lonicera tartarica alba*, 56.  
     *Lonicera tartarica rosae*, 56.  
     *Lonicera tartarica sibirica*, 56.  
     *Ostrya virginiana*, 409.  
     *Platanus* sp., 409.  
     *Quercus* spp., 60.  
     *Syringa* spp., 62.  
     *alni vaccinii*, *Catalpa bignonioides*,  
         51.  
     *diffusa*, *Symphoricarpos racemosa*, 62.  
     *Symphoricarpos* spp., 62.  
     *S. vulgaris variegatus*, 62.

- Microstroma juglandis*, *Hicoria* sp., 408.  
 Mild mosaic, potato, 232.  
*Mollisia cinerea*, *Rosa* sp., 363.  
*Monilochaetes infuscans*, sweet potato, 44, 251.  
 Mosaic, alfalfa, 72.  
   apple, 151.  
   bean, 37, 69, 83, 104, 257, 387.  
   beet, 85, 294.  
   blackberry, 207.  
   cabbage, 265.  
   *Calendula officinalis*, 50, 414.  
   cantaloupe, 38.  
   celery, 87, 277.  
   *Celtis occidentalis*, 51.  
   corn, 333.  
   cowpea, 22, 349.  
   cucumber, 39, 88, 270.  
   *Dahlia* sp., 418.  
   dewberry, 209.  
   eggplant, 295.  
   horseradish, 89.  
   *Lathyrus odoratus*, 425.  
   muskmelon, 272.  
   *Narcissus* spp., 426.  
   *Paeonia* sp., 427.  
   *Paeonia* spp., 57.  
   parsnip, 90.  
   pea, 93, 280.  
   pepper, 298.  
   *Petunia hybrida*, 428.  
   *Physalis*, 102.  
   potato, 42, 43, 94, 104, 232, 381.  
   raspberry, 35, 36, 192, 399.  
   red clover, 21, 347.  
   *Rosa* spp., 369.  
   *Rudbeckia laciniata*, 430.  
   *Solanum pseudocapsicum*, 431.  
   sorghum, 341.  
   soybean, 349.  
   spinach, 44, 300.  
   squash, 274.  
   strawberry, 186.  
   sugar beet, 85, 293.  
   sugar cane, 289.  
   sweet clover, 78, 348.  
   sweet potato, 45, 252.  
   tobacco, 286.  
   tomato, 46, 102, 104, 244.  
   turnip, 260.  
   watermelon, 47.  
   *Zinnia elegans*, 432.  
 Mosaic-like disease, alfalfa, 345.  
   buckwheat, 342.  
*Mycosphaerella brassicicola*, cabbage, 265.  
   cauliflower, 266.  
   *citrullina*, cucumber, 271.  
   *convexula*, pecan, 221.  
   *fragariae*, *Fragaria americana*, 433.  
   strawberry, 36, 109, 184.  
   *gossypina*, cotton, 284.  
   *grossulariae*, currant, 33, 210.  
   gooseberry, 34, 210.  
   *lethalis*, sweet clover, 21, 348.  
   *lythracearum*, pomegranate, 219.  
   *pinodes*, pea, 92, 280.  
   *rosigena* (see *Sphaerella rosigena*), 363.  
   *rubi*, blackberry, 33, 208.  
   dewberry, 209.  
   raspberry, 35, 205.  
   *rubina*, raspberry, 205.  
   *sentina*, pear, 158.  
*Mixosporium corticolum*, apple, 148.  
   *rosae*, rose, 363.  
   (See *Diaporthe umbrina*), 363.  
 N.  
*Napicladium tremulae*, *Populus* spp., 58.  
*Nectria cinnabarina*, *Acer platanoides*, 405.  
   *Acer* spp., 405.  
   *rousselliana*, *Buxus sempervirens*, 414.  
*Nematospora phaseoli*, lima bean, 260.  
*Neofabraea malicorticis*, apple, 148.  
*Nezara viridula*, pecan, 222.  
*Nummularia discreta*, *Amelanchier canadensis*, 49.  
   *Amelanchier* spp., 406.  
   apple, 24, 143.  
   pear, 27, 158.  
   *Sorbus aucuparia*, 61.  
   *Sorbus* sp., 411.  
 Nut grass, potato, 239.  
 O  
 Oedema, cabbage, 265.  
   *Rosa* sp., 369.  
*Oidium hortensii*, *Hydrangea* sp., 423.  
   sp., *Hydrangea* sp., 423.



*Nicotiana trigonophylla*, 433.  
*Olpitrichum macrosporium*, rose, 363.  
*Oospora citri-aurantii*, citrus, 214.  
*lactis parasitica*, tomato, 248.  
*Ophiobolus graminis*, barley, 329.  
 wheat, 319.  
*heterostrophus*, corn, 338.  
*Ovularia obliqua*, *Plantago* sp., 433.  
*pulchella*, *Agrostis palustris*, 77,  
 352.  
 red top, 77.  
*Ozonium omnivorum* (see *Phymatotrichum*  
*omnivorum*), 363, 404, 411, 413, 425,  
 430, 433.

## P

Papery leaf spot, *Panax quinquefolium*,  
 57.  
*Paratrioza cockerelli*, potato, 97.  
*Penicillium digitatum*, citrus, 214.  
*gladioli*, *Gladiolus* sp., 422.  
*italicum*, citrus, 214.  
 spp., onion, 263.  
*Peridermium* sp., *Abies amabilis*, 401.  
*Peristomium* sp., *Rosa* sp., 363.  
*Peronospora effusa*, spinach, 44, 100.  
*manshurica*, soybean, 349.  
*parasitica*, cabbage, 265.  
 cauliflower, 266.  
*schleideni*, onion, 261.  
*sparsa*, *Rosa* spp., 363.  
*trifoliorum*, alfalfa, 18, 71, 81,  
 344.  
*viciae*, pea, 91, 280.  
*Pestalozzia bullata*, *Rosa* sp., 363.  
*compacta*, *Rosa* sp., 363.  
*discosioides*, *Rosa* sp., 363.  
*foliorum*, *Rosa* sp., 363.  
*guepini*, *Camellia japonica*, 416.  
 rose, 364.  
*hartigii*, pear, 159.  
*macrotricha*, *Rhododendron* spp., 429.  
*rosae*, *Rosa* sp., 364.  
*Rosa* spp., 430.  
 sp., avocado, 217.  
*Chamaecyparis* spp., 401.  
*Cryptomeria japonica*, 402.  
 date, 217.  
*Forsythia* sp., 421.  
*Hedera helix*, 423.  
*Photinia serrulata*, 428.  
*Pinus montana* *mughus*, 403.

*Rosa* spp., 364, 430.  
*Taxus canadensis*, 404.  
*Thuja* sp., 404.  
*suffocata*, *Rosa* sp., 364.  
*Peteca*, citrus, 216.  
*Pezicula rosae*, *Rosa* sp., 364.  
*Pezizella lythri*, *Rosa* spp., 364.  
 strawberry, 188.  
*Phlyctaena linicola*, flax, 340.  
*Phoma anothi*, dill, 39.  
*berberina*, *Berberis vulgaris*, 50.  
*betae*, beet, 294.  
 mangel wurzel, 296.  
 sugar beet, 23, 83, 84, 293.  
*caudata*, *Pinus strobus*, 404.  
*destructiva*, tomato, 248.  
*lingam*, cabbage, 264.  
 cauliflower, 266.  
 onion, 262.  
*pomi*, apple, 144.  
 quince, 160.  
*rhodocarpa*, rose, 364.  
*sepiicola*, rose, 364.  
 sp., *Buxus sempervirens*, 414.  
*Cedrus deodara*, 401.  
 onion, 89.  
*Rosa* spp., 364.  
*Smilax* sp., 431.  
*Thuja* sp., 404.  
*tuberosa*, potato, 237.  
*Phomatospora rosa*, *Rosa* sp., 364.  
*Phomopsis californica*, citrus, 214.  
*citri* (see *Diaporthe citri*), 213.  
 citrus, 213.  
*juniperovora*, *Chaemacyparis* spp.,  
 402.  
*Juniperus* spp., 55, 402.  
*kalmiae*, *Kalmia latifolia*, 425.  
*lebiseyi*, *Acer* spp., 48.  
 sp., *Abies grandis*, 401.  
*Abies lasiocarpa*, 401.  
*Pseudotsuga douglasii*, 404.  
*Rosa* spp., 364.  
*Thuja* sp., 404.  
*stewartii*, *Cosmos* sp., 417.  
*Cosmos* spp., 52.  
*vexans*, eggplant, 40, 295.  
*Phoradendron juniperinum*, juniper, 112,  
 117.  
*Phragmidium americanum*, *Rosa* spp., 364.  
*disciflorum*, *Rosa* spp., 365.  
*imitans*, raspberry, 205.  
*montivagum*, *Rosa* spp., 365.

- mucronatum* (see *P. disciflorum*), 365.  
*mucronatum americanum* (see *P. americanum*), 365.  
*occidentale*, rose, 365.  
*rosae-acicularis*, *Rosa* spp., 365.  
*rosae-arkansanae*, *Rosa* spp., 365.  
*rosae-californicae*, *Rosa* spp., 365.  
*rosae-pimpinellifoliae* (see *P. subcorticinum*), 366.  
*rosae-setigerae*, *Rosa* spp., 366.  
*speciosum*, *Rosa* spp., 366.  
 sp., rose, 114.  
*subcorticinum*, *Rosa* spp., 366.  
*Phyllachora rosae*, *Rosa* sp., 366.  
*trifolii*, alsike clover, 75, 347.  
     red clover, 347.  
     white clover, 76, 347.  
*Phyllactinia corylea*, *Rosa* spp., 366.  
*Phyllosticta antirrhini*, *Antirrhinum majus*, 413.  
*batatas* (see *P. bataticola*), 253.  
*bataticola*, sweet potato, 253.  
*caryae*, pecan, 222.  
*chenopodii*, spinach, 300.  
*latifolia*, *Kalmia latifolia*, 425.  
*lychnidis*, *Lychnis coronaria*, 56.  
*nymphaeicola*, *Nuphar advena*, 426.  
*paupercola*, *Amelanchier* spp., 406.  
*prunicola*, plum, 31, 175.  
*punctata*, *Viburnum opulus*, 431.  
*rosae*, *Rosa* spp., 367, 430.  
*rosicola*, *Rosa* spp., 367.  
*rubra*, *Crataegus oxyacantha*, 52.  
*solitaria*, apple, 24, 26, 127, 391.  
*sorbi*, *Sorbus aucuparia*, 61.  
 sp., *Gardinia florida*, 421.  
     *Hydrangea* sp., 424.  
     *Malus floribunda atropurpurea*, 408.  
     pepper, 298.  
     *Rosa* sp., 367.  
 spp., plum, 175.  
*straminella*, rhubarb, 44, 99, 299.  
*virginiana*, plum, 31, 175.  
*wisteriae*, *Wisteria* sp., 432.  
*Phymatotrichum omnivorum*, *Abelia grandiflora*, 411.  
 alfalfa, 345.  
 apple, 149.  
*Bauhinia tomentosa*, 413.  
 bean, 259.  
 castor bean, 295.  
 citrus, 215.  
 cotton, 284.  
 cowpea, 349.  
 eggplant, 295.  
 fig, 218.  
 grape, 182.  
 guar, 350.  
*Lagerstroemia indica*, 425.  
 lettuce, 278.  
 okra, 297.  
 olive, 219.  
 peach, 172.  
 peanut, 298.  
 pepper, 298.  
*Phytolacca americana*, 433.  
 potato, 237.  
*Rosa* spp., 430.  
*Rosa* sp., 363.  
 roselle, 299.  
 sweet potato, 253.  
*Thuja* sp., 404.  
 tomato, 248.  
*Ulmus pumila*, 411.  
*Physalospora cydoniae* (see *P. malorum*).  
*malorum*, apple, 24, 26, 133, 391.  
     pear, 158.  
     quince, 160.  
     *Quercus* spp., 410.  
     *Rosa* spp., 367.  
     rhodina; rose, 367.  
*Physarum*, grasses, 351.  
*Physoderma zeae-maydis*, corn, 337, 379.  
*Phytomonas atrofaciens*, (see *Bacterium atrofaciens*), 321.  
     *dissolvens*, corn, 338.  
     *medicaginis phaseolicola*, bean, 255, 256.  
     sp., sugar cane, 290.  
*Phytophthora cactorum*, apple, 149.  
     ginseng, 296.  
     *Panax quinquefolium*, 57.  
     pear, 158.  
     strawberry, 188.  
     capsici, pepper, 298.  
     citrophthora, citrus, 214, 215.  
     infestans, potato, 42, 43, 224, 381.  
     tomato, 248.  
     nicotiana, tobacco, 287.  
     phaseoli, lima bean, 260.  
     sp., citrus, 214.  
     *Paeonia* sp., 427.  
     rhubarb, 99.  
     terrestris, tomato, 248.  
     thalictri, *Thalictrum polygonum*, 434.

- Pink root, onion, 69, 89, 262.  
*Piricularia grisea*, grass, 352.  
   *oryzae*, rice, 340.  
*Plasmodiophora brassicae*, broccoli,  
   266.  
   cabbage, 264.  
   cauliflower, 266.  
   Chinese cabbage, 266.  
   rape, 268.  
*Plasmopora epilobii*, *Epilobium color-*  
   *atum*, 433.  
   *halstedii*, sunflower, 114, 350.  
   *viticola*, grape, 34, 180.  
*Plectodiscella veneta*, blackberry, 33,  
   207.  
   raspberry, 35, 189.  
*Plenodomus destruens*, sweet potato, 45,  
   251, 385.  
*Pleosphaerulina corticola rosae*, *Rosa*  
   *spp.*, 367.  
*Pleospora aculeorum*, *Rosa sp.*, 367.  
   *maculans*, mulberry, 212.  
*Plowrightia morbosa*, cherry, 106, 178.  
   plum, 32, 174.  
*Podosphaera leucotricha*, apple, 105,  
   148.  
   *oxyacanthae*, apple, 148.  
   apricot, 28.  
   cherry, 29, 178.  
   peach, 108.  
   plum, 32, 175.  
   *Prunus sp.*, 59.  
   *Prunus tomentosa*, 59.  
*Podosporiella verticillata*, wheat, 79.  
*Polyspora sp.*, *Rosa spp.*, 367.  
*Poria incrassata*, *Pseudotsuga douglasii*,  
   404.  
 Potash hunger, tomato, 248.  
 Powdery mildew, hydrangea, 111.  
 Premature dropping, fig, 218.  
*Protomyces pachydermus*, *Taraxacum*  
   *officinale*, 68, 433.  
*Pseudomonas holci*, corn, 9, 338.  
   *Holcus sorghum sudanensis*, 352.  
   sorghum, 23, 341.  
   Sudan grass, 23.  
*Pseudoperonospora cubensis*, cucumber,  
   270.  
   muskmelon, 272.  
   squash, 274.  
   watermelon, 275.  
*Pseudopeziza medicaginis*, alfalfa, 19,  
   71, 343.  
   ribis, currant, 33, 210.  
     gooseberry, 34, 211.  
   *trifolii*, red clover, 347.  
*Psorosis*, citrus, 216.  
 Psyllid yellows, potato, 69, 95, 117.  
*Puccinia anomala*, barley, 327.  
   *antirrhini*, *Antirrhinum majus*, 49,  
     413.  
   snapdragon, 114.  
   *asparagi*, asparagus, 36, 294.  
   *clematidis*, *clematis*, 111.  
     *Clematis spp.*, 417.  
   *coronata*, oats, 12, 13, 332, 377.  
     *Rhamnus lanceolata*, 12.  
   *dispersa*, rye, 14, 15, 322, 373.  
   *epiphylla*, bluegrass, 22.  
   *Poa pratensis*, 352.  
   *fraxinata*, *Fraxinus americana*, 54.  
     *Fraxinus lanceolata*, 54.  
   *glumarum*, wheat, 81.  
   *graminis*, *Agropyron repens*, 352.  
     barley, 7, 75, 81, 326, 376.  
     *Hordeum jubatum*, 352.  
     oats, 13, 77, 81, 331, 377.  
   *Phleum pratense*, 352.  
   quack grass, 22.  
   rye, 14, 15, 322, 373.  
   timothy grass, 23.  
   wheat, 16, 17, 80, 81, 309, 371.  
   *helianthi-mollis*, *Helianthus debilis*,  
     54.  
   *Helianthus giganteus*, 54.  
     sunflower, 114, 350.  
   *hibisciata*, *Althaea rosea*, 412.  
     cotton, 284.  
   *malvacearum*, *Althaea rosea*, 49, 412.  
     hollyhock, 111.  
   *poarum*, Kentucky bluegrass, 75.  
   *purpurea*, sorghum, 341.  
     *Holcus halepensis*, 352.  
   *simplex*, barley, 8, 376.  
   *smilacis*, *Smilax hispida*, 433.  
   *sorghii*, corn, 9, 11, 76, 337, 379.  
     *Oxalis*, 9.  
     popcorn, 11.  
     sweet corn, 11.  
   *triticina*, wheat, 16, 17, 80, 81,  
     313, 371.  
   *vincae*, *Vinca major*, 431.  
*Pucciniastrum americanum*, raspberry,  
   205.  
 Puffing, tomato, 248.  
 Purple leaf-sheath-spot, corn, 76.

- Pyrenopeziza medicaginis*, alfalfa, 19, 72, 343.  
*Pyrenophora teres*, barley, 328.  
*Pythiacystis citrophthora* (see *Phytophthora citrophthora*), 214.  
*Pythiacystis gummosis*, citrus, 215.  
*Pythium* sp., *Lathyrus odoratus*, 425.  
 pea, 280.

## R

- Rabenhorstia tiliae*, *Tilia americana*, 62.  
*Ramularia armoraciae*, horseradish, 89, 267.  
*cercosporioides*, *Epilobium angustifolium*, 432.  
*macrospora*, rose, 367.  
 sp., *Rosa* sp., 367.  
*taraxici*, *Taraxacum officinale*, 433.  
 Red blotch, citrus, 216.  
*Rhabditis cylindrica*, *Tulipa* spp., 431.  
*Rhizodocline pseudotsugae*, *Pseudotsuga douglasii*, 404.  
*Rhizoctonia bataticola* (see *Sclerotium bataticola*), 252.  
*crocorum*, alfalfa, 345.  
 carrot, 295.  
 red clover, 347.  
 pea, 92.  
*solani* (see *Corticium vagum*), 43, 230, 247, 381.  
 sp., celery, 277.  
*Iberis pectinata*, 424.  
 okra, 297.  
*Papaver orientale*, 427.  
 peanut, 298.  
*Rosa* sp., 367.  
*Salvia splendens*, 430.  
 strawberry, 188.  
 sweet potato, 253.  
*Thuja* sp., 405.  
 watermelon, 275.  
 spp., grass, 351.  
*Rhizopus nigricans*, peach, 172.  
 strawberry, 188.  
 sweet potato, 45, 252.  
 tomato, 243.  
 sp., corn, 338.  
*Rhynchosporium secalis*, barley, 329.  
*Rhytisma ilicis-canadensis*, *Ilex verticillata*, 424.  
 Ring spot, *Delphinium* sp., 419.  
 tobacco, 238.

- Rio Grande disease, lettuce, 278.  
*Robillardia* sp., rose, 367.  
 Root and basal stem rot, wheat, 430.  
 Root pitting, alfalfa, 345.  
 Root rot, alfalfa, 69, 72, 81, 344.  
 bean, 259.  
 beet, 84.  
 celery, 277.  
 corn, 10, 335.  
 lettuce, 278.  
 pea, 92, 104, 279.  
 peach, 172.  
 peony, 112.  
 rhubarb, 299.  
 sugar beet, 84, 104.  
 sugar cane, 290.  
 sweet pea, 114.  
*Rosellinia rosarum*, *Rosa* sp., 367.  
 Rosette, apple, 152.  
 Dahlia sp., 419.  
 peach, 170.  
 pecan, 221.  
 Rugose mosaic, potato, 233.

## S

- Sclerospora graminicola*, corn, 338.  
*Setaria*, 338.  
 sweet corn, 12.  
*Sclerotinia americana* (see *S. fructicola*), 160, 162.  
*carunculoides*, mulberry, 212.  
*cinerea*, cherry, 30.  
 German prune, 32.  
 peach, 31.  
 pear, 158.  
 Prunus, 162.  
*cinerea* f. *mali*, peach, 162.  
 f. *pruni*, peach, 162.  
 (see *S. fructicola*).  
*fructicola*, cherry, 29, 175, 398.  
 peach, 160, 162, 393.  
 plum, 32, 173, 397.  
 prune, 397.  
 Prunus *besseyi*, 29, 58.  
 Prunus *cerasifera pissartii*, 74.  
 Prunus sp., 29, 59.  
*fructigena*, peach, 162.  
*sclerotiorum*, apricot, 178.  
 bean, 260.  
 cabbage, 265.  
 celery, 277.

- citrus, 214.  
 cucumber, 271.  
 escarolle, 296.  
 fig, 218.  
 lettuce, 278.  
 okra, 297.  
 parsley, 297.  
 pepper, 298.  
 strawberry, 188.  
 sunflower, 114.  
 tomato, 248.  
 seaveri, *Prunus virginiana*, 410.  
 sp., *Campanula medium*, 416.  
   mulberry, 212.  
   *Rosa* sp., 368.  
 spp., apricot, 178.  
 trifoliorum, alfalfa, 345.  
   red clover, 347.  
*Sclerotiopsis concava* (see *Pezizella lythri*), 368.  
*Sclerotium bataticola*, sweet potato, 252.  
 bifrons, poplar, 112.  
 delphinii, *Iris* spp., 424.  
   lettuce, 278.  
 oryzae, rice, 340.  
 rhizodes, *Agrostis palustris*, 352.  
   (see *Typhula graminum*), 321.  
 rolfsii, *Antirrhinum majus*, 413.  
   cabbage, 265.  
   *Calendula officinalis*, 414.  
   carrot, 295.  
   *Cosmos* sp., 418.  
   eggplant, 295.  
   guar, 350.  
   muskmelon, 273.  
   peanut, 298.  
   pepper, 298.  
   potato, 238.  
   soybean, 350.  
   sugar beet, 293.  
   sweet potato, 253.  
   tobacco, 288.  
   tomato, 248.  
   *Viola* sp., 432.  
   watermelon, 275.  
 sp., *Centaurea montana*, 416.  
   *Digitalis purpurea*, 420.  
   *Gladiolus* sp., 422.  
   *Hemerocallis* sp., 423.  
   lettuce, 278.  
   *Muscari botryoides*, 426.  
   *Narcissus* spp., 426.  
   sesame, 342.  
   spp., *Delphinium* sp., 419.  
*Scolecotrichum graminis*, barley, 329.  
   *Dactylis glomerata*, 352.  
   *Phleum pratense*, 352.  
   timothy grass, 23.  
 Seedling blights, beet, 84.  
   pea, 92.  
   sugar beet, 84.  
*Septobasidium pseudopedicellatum*, *Acer saccharum*, 405.  
   sp., apple, 149.  
*Septogloeum acerinum*, *Acer dasycarpum pyramidale*, 48.  
   *Acer platanoides*, 48.  
   *Acer platanoides schwedleri*, 48.  
*Septoria ampelopsidis*, *Ampelopsis tricuspidata*, 49.  
   apii, celery, 39, 87, 276.  
   argyraea, *Eleagnus angustifolia*, 53.  
   aucupariae, *Sorbus aucuparia*, 61.  
   bataticola, sweet potato, 45, 253.  
   betulina, *Betula* sp., 50.  
   cannabis, *Cannabis sativa*, 50.  
   chrysanthemella, *Chrysanthemum maximum*, 52.  
   *Chrysanthemum* sp., 52.  
   *Chrysanthemum* spp., 417.  
   cornicola, *Cornus paniculata*, 52.  
   *Cornus* spp., 52.  
   *Cornus stolonifera*, 52.  
   divaricata, *Phlox* spp., 428.  
   elaeagni, *Elaeagnus angustifolia*, 408.  
   flagellifera, pea, 280.  
   gaillardiae, *Gaillardia* sp., 54.  
   gladioli, *Gladiolus* sp., 422.  
   glycines, soybean, 349.  
   helenii, *Helenium hoopesi*, 54.  
   lactucae, lettuce, 278.  
   lycopersici, tomato, 46, 240, 386.  
   marginata, *Acer negundo*, 48.  
   musiva, *Populus angustifolia*, 409.  
   *Populus occidentalis*, 112.  
   *Populus sargentii*, 409.  
   negundinis, boxelder, 110.  
   nodorum, wheat, 318.  
   oenotherae, *Oenothera lamarckiana*, 56.  
   phlogis, *Phlox paniculata*, 57.  
   *Phlox* spp., 57.  
   pisi, pea, 281.  
   populi, *Populus* spp., 58.

- rhoina, *Rhus glabra laciniata*, 60.  
 rosae, *Rosa* sp., 368.  
 secalis, rye, 14, 324.  
 sedi, *Sedum spectabile*, 61.  
 . *Sedum spectabile variegata*, 61.  
 sp., blue grass, 22.  
 Paeonia sp., 427.  
 parsley, 297.  
 Poa pratensis, 352.  
 poplar, 112.  
 rye, 324.  
 wheat, 16.  
 tritici, wheat, 319.  
 Sheath spot, corn, 338.  
 Shelling, grape, 183.  
 Shot-hole, *Laurocerasus officinalis*, 425.  
 Smelter injury, alfalfa, 345.  
 Smut, oats, 69.  
 Soil fungi, strawberry, 185.  
*Sorosporium reilianum*, corn, 338.  
 sorghum, 341.  
 sugar sorghum, 78.  
 Soured fruit, fig, 218.  
 Spanish measles, grape, 183.  
*Sphaeceloma ampelinum*, grape, 34, 182.  
 fawcettii, citrus, 213.  
 sp., avocado, 217.  
*Sphaecelotheca cruenta*, sorghum, 341.  
 occidentalis, *Andropogon furcatus*,  
 352.  
 sorghi, sorghum, 341.  
 sugar sorghum, 78.  
*Sphaerella rosigena*, *Rosa* sp., 368.  
 spinicola, *Rosa* sp., 368.  
*Sphaeronema fimbriatum*, sweet potato, 45.  
*Sphaeronemella rosae*, *Rosa* spp., 368.  
*Sphaeropsis albescens*, *Acer negundo*, 48.  
 ampelopsidis, *Ampelopsis* spp., 412.  
 malorum (see *Physalospora malorum*),  
 368.  
 rhodocarpa, *Rosa lutea*, 368.  
 rosarum, *Rosa* sp., 368.  
 sp., *Caragana arborescens*, 51.  
 Ilex opaca, 424.  
 Pinus sylvestris, 404.  
 Rosa spp., 368, 369.  
*Sphaerotheca humuli*, blackberry, 208.  
 Humulus sp., 423.  
 pear, 158.  
 raspberry, 108, 203.  
 Rhus canadensis, 410.  
 Rhus glabra laciniata, 60.  
 Rosa spp., 368.  
 strawberry, 188.  
 mors-uvae, gooseberry, 34, 106,  
 211.  
 Rosa spp., 368.  
 pannosa, peach, 172.  
 Rosa multiflora, 60.  
 Rosa setigera, 60.  
 Rosa spp., 60, 113, 368, 430.  
*Sphaerulina corticola*, *Rosa* sp.,  
 369.  
 trifolii, alsike clover, 347.  
 red clover, 347.  
 white clover, 347.  
 Spindle tuber, potato, 43, 95, 235.  
*Spondylocadium atrovirens*, potato,  
 238.  
*Sporotrichum citri* (see *Sphaeceloma*  
*fawcettii*), 213.  
 malorum, apple, 149.  
 poae, *Dianthus caryophyllus*, 420.  
 Spray injury, apple, 146.  
 citrus, 216.  
 peach, 172.  
 Sprout tuber, potato, 239.  
*Stagonospora meliloti*, sweet clover,  
 348.  
 Stalk rot, corn, 335.  
 Starvation, tobacco, 288.  
 Stem canker, pea, 92.  
 Stem girdle, lettuce, 278.  
 Stem rot, *Cyclamen* sp., 418.  
 Sterile leaf spot, wheat, 322.  
*Stereum rameale*, *Rosa* sp., 369.  
 Sterility, oats, 13, 333.  
 Storage rots, sweet potato, 45, 252,  
 385.  
 Straighthead, rice, 340.  
 Streak, raspberry, 200.  
 tomato, 46, 103, 244.  
 Stripe, barley, 69.  
 wheat, 322.  
*Strumella coryneoides*, *Quercus alba*,  
 410.  
 Stunt, *Dahlia* sp., 419.  
 Stunting, strawberry, 185.  
 Sulphur dioxide injury, ornamentals,  
 115.  
 Sun scald, cowpea, 349.  
 onion, 263.  
 pepper, 93, 298.  
 tomato, 248.  
 T  
 Target canker, apple, 152.

- pear, 159.  
*Taphrina coerulescens*, *Quercus* spp.,  
 60, 410.  
 lethifer, *Acer rubrum*, 405.  
 Terminal bleaching, wheat, 81, 322.  
*Thielavia basicola*, *Lathyrus odoratus*,  
 425.  
 pea, 281.  
 potato, 238.  
 tobacco, 285.  
 watermelon, 103, 275.  
*Tilletia anthoxanthemi*, *Anthoxanthum*  
*odoratum*, 352.  
*horrida*, rice, 340.  
*laevis*, rye, 324.  
 wheat, 16, 17, 79, 81, 303, 371.  
*tritici*, wheat, 16, 17, 79, 81, 303,  
 371.  
 Tipburn, cabbage, 265.  
 lettuce, 89, 278.  
 potato, 43, 236, 383.  
 tomato, 248.  
*Trametes peckii*, *Populus trichocarpa*,  
 409.  
*suaveolens*, *Salix* spp., 411.  
*Tranzschelia punctata*, apricot, 179.  
 peach, 172.  
 plum, 32, 175.  
*Tubercularia fici*, fig, 218.  
 Twig blight, poplar, 113.  
*Tylenchus dipsaci*, alfalfa, 72, 343.  
*Narcissus* spp., 426.  
*Primula* sp., 428.  
 red clover, 347.  
 strawberry, 183.  
 teasel, 300.  
*tritici*, wheat, 321.  
*Typhula graminum*, wheat, 321.
- U
- Uromyces appendiculatus*, bean, 37, 257.  
*betae*, sugar beet, 293.  
*caryophyllinus*, carnation, 110.  
*Dianthus barbatus*, 53.  
*Dianthus caryophyllus*, 53, 420.  
*fallens*, red clover, 21, 348.  
 hybridi (see *U. trifolii*), 347.  
*medicaginis*, alfalfa, 19, 74, 345.  
*proeminens*, *Euphorbia marginata*, 53.  
*rosicola*, *Rosa* spp., 369.  
*trifolii*, alsike clover, 21, 347.  
 mammoth clover, 348.  
 red clover, 75, 348.  
 white clover, 21, 76, 348.  
*vignae*, cowpea, 349.  
*Urophlyctis alfalfae*, alfalfa, 70, 81,  
 345.  
*lathyræi*, *Lathyrus sulphureus*, 433.  
*Ustilago avenae*, oats, 13, 77, 81, 330,  
 377.  
*coicis*, *Coix lachryma-jobi*, 352.  
*echinata*, *Phalaris arundinacea*, 352.  
*hordei*, barley, 8, 75, 81, 325, 375.  
*levis*, oats, 13, 77, 81, 330, 377.  
*nuda*, barley, 75, 325, 375.  
*rabenhorstiana*, *Syntherisma sangui-*  
*nalis*, 352.  
*striaeformis*, *Agrostis palustris*,  
 352.  
 blue grass, 22.  
*Phleum pratense*, 352.  
*Poa pratensis*, 352.  
 timothy grass, 23.  
*tritici*, rye, 324.  
 wheat, 16, 17, 79, 81, 308, 372.  
*zeae*, corn, 9, 11, 76, 81, 334, 379.  
 popcorn, 11.  
 sweet corn, 12.

- Uncinula australiana*, *Lagerstroemia*  
*indica*, 425.  
*flexuosa*, *Aesculus hippocastanum*,  
 48.  
*Aesculus* spp., 406.  
*necator*, *Ampelopsis quinquefolia*,  
 49.  
 grape, 34, 107, 181.  
*salicis*, poplar, 113.  
*Uredinopsis macrosperma*, *Abies grandis*,  
 401.  
*Urocystis cepulae*, onion, 40, 261.

## V

- Valsa ambiens*, *Rosa* sp., 369.  
*ambiens rosae*, *Rosa suffulta*, 369.  
*leucostoma*, plum, 175.  
*Valseutypella tristicha*, *Rosa* spp., 369.  
*Venturia inaequalis*, apple, 25, 26,  
 119, 392.  
 . *Malus ioensis*, 25, 56.  
*pyrina*, pear, 27, 28, 157, 395.  
*Verticillium albo-atrum*, *Chrysanthemum*  
 spp., 417.

cotton, 283.  
 eggplant, 88, 296.  
 okra, 297.  
 potato, 94, 238.  
 raspberry, 205.  
 tomato, 102, 248.  
 potato, 104.  
 sp., *Acer* spp., 405.  
*Senecio cruentus*, 430.  
 tomato, 69, 104.  
 Virus diseases, strawberry, 186.  
*Volutella dianthi*, *Dianthus* spp., 420.

## W

Water core, apple, 105.  
 Western blight, tomato, 386.  
 Western yellow blight (see yellows), 243.  
 Whiptail, cauliflower, 266.  
 White speck, tobacco, 238.  
 White spot, alfalfa, 74, 346.  
 peach, 173.  
 sweet clover, 78, 348.  
 Wilt, beet, 85.  
 citrus, 215.  
 lettuce, 278.  
 pea, 279.  
 strawberry, 188.  
 sunflower, 114, 350.  
 zinnia, 115.  
 Wind whipping, raspberry, 35, 206.  
 Winter injury, alfalfa, 19, 69, 72, 81,  
 344.  
 apple, 25, 147.  
 blackberry, 33, 208.

cherry, 30, 69, 178.  
 grape, 183.  
 peach, 69, 171.  
 raspberry, 35, 206.  
 strawberry, 185.  
 sweet clover, 348.  
 syringa spp., 62.

Winter killing, *Pinus strobus*, 57.  
 Witches' broom, potato, 236.  
 strawberry, 186.

## X

## Y

Yellow blight (see yellows), 102.  
 tomato, 104.  
 Yellow dwarf, potato, 236.  
 Yellows, alfalfa, 20, 346.  
*Callistephus chinensis*, 50, 415.  
 celery, 87, 117.  
 china aster, 110.  
 Dahlia sp., 418.  
 delphinium, 111.  
 Delphinium sp., 420.  
 endive, 296.  
*Helichrysum bracteatum*, 423.  
 lettuce, 278.  
 peach, 31, 166, 393.  
 potato, 104.  
 red clover, 348.  
 Rosa sp., 369.  
 salsify, 299.  
 strawberry, 186.  
 tomato, 69, 102, 243.



## ERRATA AND EXPLANATION

- Page
- 25 Read "Coniothyrium pyrina" instead of "C. pirina".
- 34 Read "Guignardia bidwellii" instead of "G. bidwelli".
- 238 Read "Thielavia basicola" instead of "Thielavie basicola".
- 297 Read "Sclerotinia sclerotiorum" instead of "S. sclerotorium".
- 350 Read "Bacterium puerariae" instead of "B. pueriae".
- 363 Read "Marssonia" instead of "Marsonia".
- 385 Read "Ceratostomella fimbriata" instead of "C. fimbriatum".
- 386 Read "Bacterium solanacearum" instead of "Bacillus solanacearum".
- 405 Read "Nectria cinnabarina" instead of "N. cinnabarine".









