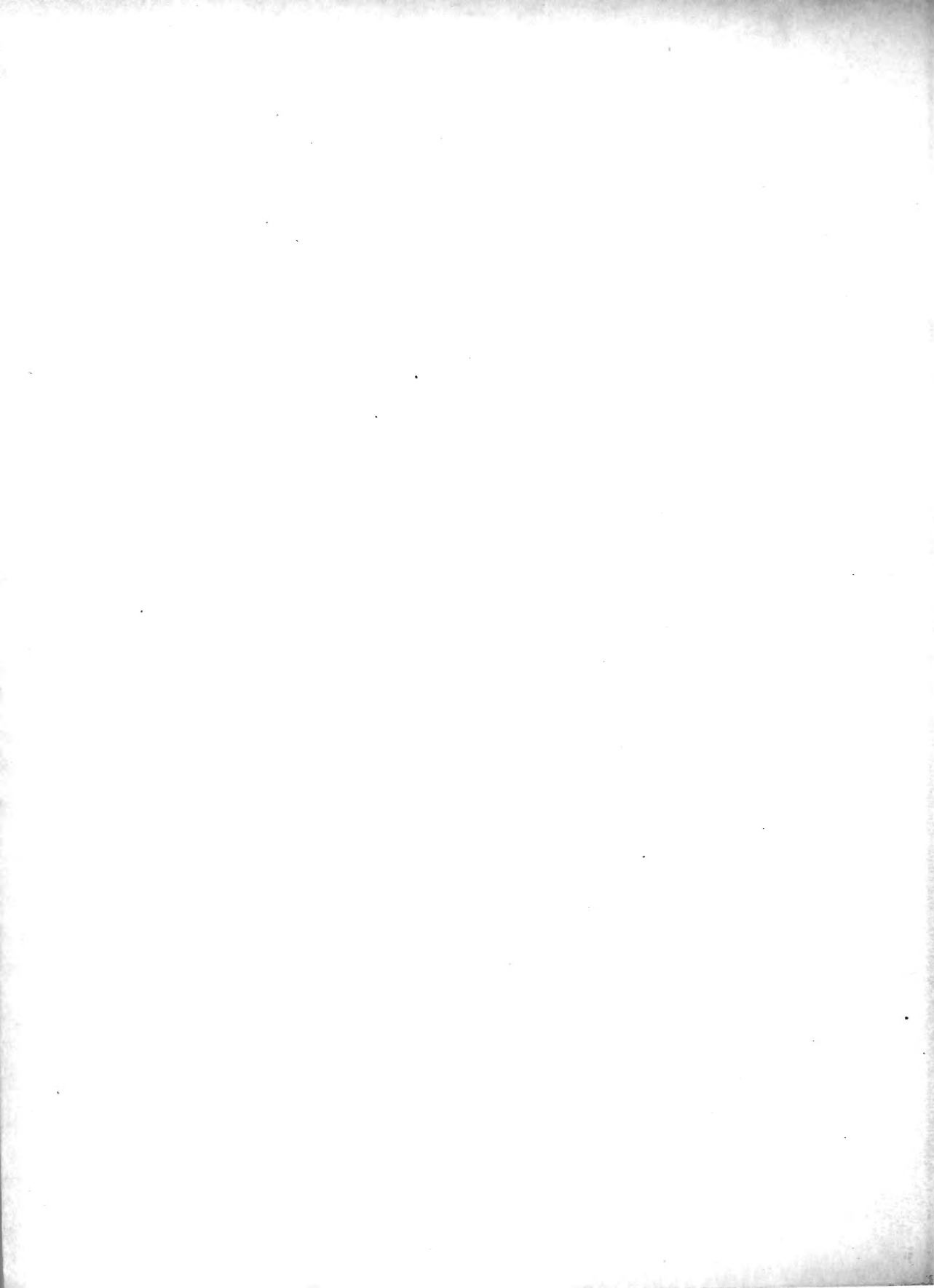


Historic, archived document

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



269P
copy 1



THE PLANT DISEASE REPORTER

Issued By

THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

AGRICULTURAL RESEARCH ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SUPPLEMENT 172

INDEX TO SUPPLEMENTS 167-171, 1947

Supplement 172

Issued April 15, 1948



The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.



PLANT DISEASE REPORTER SUPPLEMENT

Issued by

THE PLANT DISEASE SURVEY
DIVISION OF MYCOLOGY AND DISEASE SURVEY

Plant Industry Station

Beltsville, Maryland

INDEX TO PLANT DISEASE REPORTER
SUPPLEMENTS 167-171, 1947

Compiled by Nellie Ward Nance

Plant Disease Reporter
Supplement 172

Index to Supplements
1947

LIST OF SUPPLEMENTS

- Supplement 167. An evaluation of certain phases of the Emergency Plant Disease Prevention Project. pp. 1-26. May 1, 1947. By Paul R. Miller and Jessie I. Wood. Appendix, page 21, includes reports by Earle C. Blodgett, Russell A. Hyre, S. M. Pady, Carlton F. Taylor, and Ian W. Tervet.
- Supplement 168. Disease survey of soybean nurseries in the South. pp. 27-53. June 1, 1947. By J. L. Weimer.
- Supplement 169. A host index of Mississippi plant diseases. pp. 55-168. June 15, 1947. By J. T. Presley. Contains its own host index, page 56, index to pathogens, page 131, and index to common name of host, page 161. Viruses and genera of pathogens are listed below.
- Supplement 170. Soil fumigation for control of nematodes and other soil-inhabiting organisms. pp. 169-189. July 15, 1947. By Jesse R. Christie.
- Supplement 171. Tomato late blight in the warning service area in 1947. Foreword by Paul R. Miller and Jessie I. Wood. State reports by various authors; see its table of contents and the author index below. pp. 191-236. December 15, 1947.
- Supplement 172. INDEX to Supplements 167 to 171. pp. 237-247. (Issued April 15, 1948).

AUTHOR INDEX

BAIN, DOUGLAS C.	203	LINN, M. B.	228
BARNETT, H. L.	208	MILLER, JULIAN H.	205
BLODGETT, EARLE C.	22	MILLER, PAUL R.	1, 192
BOYD, O. C.	222	PADY, S. M.	24
BUCHHOLTZ, W. F.	233	PRESLEY, J. T.	55
CHRISTIE, JESSE R.	169	RICHARDS, M. C.	224
CHUPP, CHARLES	219	ROWELL, JOHN B.	221
COOK, HAROLD T.	210	SAMSON, R. W.	226
CONNERS, I. L.	234	SPROSTON, THOMAS	223
COX, CARROLL E.	213	STRONG, M. C.	231
EDGERTON, C. V.	202	TAYLOR, CARLTON F.	25
EIDE, C. J.	232	TERVET, IAN W.	25
EPPS, WILLIAM M.	205	TISDALE, W. B.	201
FENNE, S. B.	209	TUCKER, C. M.	236
GODFREY, G. H.	235	VALLEAU, W. D.	207
HAENSELER, C. M.	218	VAUGHAN, EDWARD K.	204
HEUBERGER, J. W.	216	VAUGHAN, R. E.	231
HILBORN, M. T.	224	WEIMER, J. L.	27
HORSFALL, JAMES G.	221	WILSON, COYT	204
HYRE, RUSSELL A.	24	WINGARD, S. A.	(209)
JENSEN, J. H.	207	WOOD, JESSIE I.	(1), (192)
KING, T. H.	225	YOUNG, V. H.	236
KIRBY, R. S.	217		
KNOBB, L. CARL	229		

SUBJECT INDEX

Acrospermum, 57	Alternaria 33, 35, 63, 73 ff.,
actinomyces, 86	82, 92, 118, 123, 212
Aecidium, 74, 84, 101	--- solani, 215
Agrobacterium, 62, 82, 88, 93,	Amerosporium, 100, 127
105, 113	An evaluation of certain phases of
Alabama, 19, 27, 194, 204	the Emergency Plant Disease Pre-
Albugo, 58, 60, 63, 64, 86, 87,	vention Project, Suppl. 167,
90	pp. 1-26
--- occidentalis, 10	Anthraxnose, of oats 25; peanut
Alfalfa: bacterial wilt 12	7; soybean 33; tobacco 12;
Allodus, 71	tomato 212

- Aphanomyces sp., seedling rot of eggplant, lettuce and pepper, 6, 18
 Apiosporium, 61, 80, 93
 Apple: leaf and fruit spot (Elsinoë), 9
 Arizona, 6, 10, 11
 Arkansas, 11, 12, 14, 195, 236
 Armillaria, 93, 107
 Artichoke, dwarfing and mottling (?virus), 6
 Ascochyta, 71, 82, 94, 102, 119, 127
 Ascochyta boltshauseri, 6
 Ascochyta gossypii, 11
 Ascochyta sorghina, 11
 Ascomycetella, 110
 Asparagus: charcoal rot, 6
 Asterella, 95
 Asteridium, 86
 Asterina, 81, 85, 97, 99
 Asterosporium, 63, 79
 Aulographum, 85

 Bacillus, 73, 108
 Bacterial blight, of carrot, 10
 Bacterial leaf spot and top rot (undet.), of corn 8, 25
 Bacterial leaf spot, of soybean 29
 Bacterial pustule-blight, of soybean 29, 37 ff.
 Bacterial ring rot, of potato 20
 Bacterial spot, of tomato 212
 Bacterial stalk rot, of corn 11
 Bacterial wildfire, (halo blight) of soybean, 8
 Bacterial wilt, of alfalfa 12
 Bacterium, 65, 81, 92, 107, 117
 Bean: Macrophomina phaseoli 16; Sclerotinia sclerotiorum 16, 18; witches'-broom (undet., ? virus) 6
 ---, lima: leaf spot 6; witches'-broom (undet., ? virus) 6
 ---, mung: yeast spot of seed 6
 Belonium, 61
 Bjerkandera, 96
 Black rot, of crucifers 25
 Blossom-end rot, of tomato 209, 212
 Bordeaux mixture, 221, 231, 233
 Boron deficiency, of rutabaga 25
 Botryosphaeria, 132
 Botrytis, 132
 Boxwood, see Buxus
 Bremia lactucae, 132
 Broccoli: white leaf spot 6
 Bromofume-10, -20, -40, 173
 Broom corn: leaf spot 11
 Bubakia, 132
 Buckeye rot, of tomato 212
 Bud blight, of soybean 33, 35
 Bunt, of wheat 24
 Buxus: winter browning and meadow nematode, 19

 Cabbage: Sclerotinia sclerotiorum 16
 California, 3, 6, 7, 10, 11
 Camarosporium, 132
 Canada, 234
 Cantaloup: charcoal root rot in Creg., 9
 Capnodium citri, 132
 Carbon disulfide, 174
 Carrot: aster yellows (virus) 17, 18, outbreak in Texas 18; bacterial blight 10; Sclerotinia sclerotiorum 16
 Celery: aster yellows (virus) 17; root knot 19; Sclerotinia sclerotiorum 16
 Ceratophorum, 132
 Ceratostomella, 132
 Cercospora, on hosts in Miss., 132 ff.
 --- soja, 31, 35, 44 ff.
 --- zeae-maydis, 9, 10, 24
 Cercosporella, 135
 --- albo-maculans, 6
 Cereals: seed-borne organisms, survey 19, 25
 Cerebella, 135
 Chslara quercina, 12
 Charcoal root rot, see Macrophomina phaseoli
 Chemicals, for soil fumigation, 171

- Cherry, sweet: rusty mottle (virus) 19
- Chloropicrin, 171, 176, 181, 183, 184
- Choanephora, 127
- Chokecherry: X-disease (virus) 12
- Cintractia, 135
- Cladosporium in Miss., 135, 136
--- leaf mold, of tomato 220
- Clasterosporium 136
- Claviceps paspali, 136
- Coccoidella, 99
- Coccomyces, in Miss., 136
- C.O.C.S. dust, 196, 207
- Coleosporium, in Miss., 136
- Colletotrichum 7, 12; on hosts in Miss. 136, 137
--- graminicolum, 25
--- phomoides, 212
- Colorado, 7, 10
- Coniosporium, 136
- Coniothyrium, 136
- Connecticut, 195, 221
- Control (see also seed treatment, soil fumigation); of tomato late blight 196
- Copper fungicides, 196, 197, 201, 204, 207, 218
- Corn: bacterial leaf spot and top rot, (undet.) 8, 25; bacterial stalk rot 11; leaf spot (*Cercospora zeae-maydis*) 9, 10, 24; leaf striping (undet., ? virus) 8; leaf and stalk rot (*Physalospora*) 11; *Macrophomina phaseoli* 16; storage problems 20; zonate spot 11 (see errata below)
- Corticium, in Miss. 137
- Corynebacterium insidiosum, 12
--- sepedonicum, 20
- Coryneum, 137
- Cotton: *Ascochyta* blight 11; *Macrophomina phaseoli* 16
- Cowpea: leaf spot 7; *Macrophomina phaseoli* 16; stem blight 7; target spot 7
- Creonectria, 137
- Cronartium, 137
- Crucifers: black rot 25; *Sclerotinia sclerotiorum* 13; seed treatment with hot water 25
- Cryptomyces, 137
- Cryptosporium, 137
- Cuprocide dust, 207
- Cuscuta, 137
- Cyanamid, 174, 183
- Cylindrosporium on hosts in Miss., 137, 138
- Cystopus, 138
- Cytospora, 138
- Darluca, 138
- Delaware, 194, 196, 199, 216
- Dendrophoma, 138
- D-D, 171, 173, 185
- DDT, 231
- Diaporthe, 138
--- phaseolorum var. *sojae*, (*D. sojae*) 7, 33, 138
- Diatrype, 138
- Diatrybella, 138
- Dibotryon, 138
- Dicaeoma, 138
- Dichloropropene, 173, 176, 181, 183, 184, 188, 189
- Didymaria, 139
- Didymella, 139
- Didymellina, 139
- Dimerosporium, 139
- Dinemasporium, 139
- Diplocarpon, 139
- Diplodia, in Miss. 139
- Diplodina, 139
- Discella, 139
- Discosia, 139
- Discula, 139
- Disease survey of soybean nurseries in the South, Suppl. 168, pp. 27-53
- Diseases, new locations, found during Emergency Plant Disease Prevention Project surveys, 9
- Diseases, new to U.S.; found during Emergency Plant Disease Prevention Project surveys, 6
- Dithane, 196, 197, 201, 204, 215, 231, 233

- Dithane Z-78, 196, 206
 Dithane-zinc-lime, 196, 201
 Ditylenchus destructor, 5, 6,
 22
 --- dipsaci, 12, 22
 Dothichloë, 139
 Dothidea, 139
 Dothidella, 139
 Dowfume G 173, 185
 ---, Garden 173
 --- N, 173, 185
 --- W-10, 173, 185
 --- W-40, 173
 Downy mildew, of soybean 32
 Dwarfing and mottling, (?virus)
 of artichoke 6

 Eggplant: Aphanomyces seedling
 blight or root rot, 6, 18
 Elm, see Ulmus
 Elsinoë piri, 9
 Emergency Plant Disease Preven-
 tion Project, evaluation 1;
 technical staff 3
 Endive: aster yellows (virus) 17
 Endothia, 139
 Entomosporium, 139
 Entyloma, 139
 Epichloë, 139
 Epicoccum, 139
 Erysiphe, on hosts in Miss., 140
 Escarole: aster yellows (virus)
 17
 Ethylene dibromide, 171, 173, 176,
 181, 183, 184, 188, 189
 Eutypella, 140
 Exobasidium, 140
 Exosporium, 140

 Fabraea, 140
 Flax: pasmo 26; root rot 11;
 wilt 11
 Florida, 3, 10, 14, 18, 19, 194,
 196, 201
 Formaldehyde, 174, 178, 181
 Frog-eye, of soybean 31, 35, 44 ff.
 Frommes, 140
 Fruit spot, of apple 9; pear 9
 Fungicides, for soil fumigation,
 172;
 (Fungicides) for tomato late
 blight control, 196. See also
 under individual names
 Fusarium, on hosts in Miss., 140,
 141; on sweetpotato, 24
 Fusicladium, 141

 "G-men" of plant diseases, 3
 Georgia, 14, 19, 27, 194, 204,
 205
 Gibberella, 141
 Glenspora, 141
 Gloeocercospora sorghi, 11 (erro-
 neously listed as zeae-maydis),
 141
 Gloeodes, 140
 Gloeosporium, on hosts in Miss.,
 141
 Glomerella, in Miss., 141
 --- glycines, 33
 Glomerularia, 141
 Glonium, 141
 Gnomonia, in Miss., 142
 Gnomoniella, 142
 Gonobotryum, 142
 Graphiola, 142
 Guignardia, 142
 Gymnoconia, 142
 Gymnosporangium, in Miss., 142

 Halo blight, of soybean 8
 Haplosporella, 142
 Helminthosporium, on hosts in
 Miss., 142
 --- tritici-vulgaris, 11
 --- vignae, 7
 Hendersonia, 142
 Hendersonula, 142
 Herbicidea, for soil fumigation,
 172
 Heterodera marioni 19; on hosts
 in Miss., 143
 Heterosporium, 143
 --- variabile, 10
 Host Index of Mississippi plant
 diseases, Suppl. 169, pp. 55-
 168
 Hyalobasora, 143
 Hypochrus, 143
 Hypocrella, 143

- Hypoderma, 143
 Hypoxylon, 143, 144
 Hysterographium, 144
- Idaho, 6, 18, 20, 22, 193
 Illinois, 11, 195, 228
 Index: common name of host
 (Miss.) 161; pathogens
 (Miss.) 131
 Indiana, 6, 10, 11, 195, 226
 Insecticides, for soil fumiga-
 tion 172
 Iowa, 20, 195
 Isariopsis, 144
 Iscrobrome D, 173
 --- No. 1, 173, 185
- Kansas, 8, 11, 12, 24
 Kellermannia, 144
 Kentucky, 9, 10, 24, 194, 196,
 207
 Kuehneola, 144
 Kunkelia, 144
- Laestadia, 144
 Larvacide, 173, 185
 Late blight, potato and tomato
 (see also under hosts), 1, 13,
 14, 192; Solenium dulcamara 199,
 213; spray information service
 217
 Leaf rot and stalk rot, of corn
 11
 Leaf spot, of apple 9; broom
 corn 11; corn 9, 10, 24; cow-
 pea 7; lima bean 6; pear 9;
 sorghum 9, 11; soybean 7, 8,
 33, 35; spinach 10; wheat 11
 Leaf striping, of corn 8
 Lembosia, 144
 Leptosphaeria, 144
 Leptostromella, 144
 Leptothyrium, in Miss., 144
 Lettuce: Aphanomyces seedling
 blight, 6, 18; aster yellows
 (virus) 17; "brown blight"
 (virus) 10; Sclerotinia
 sclerotiorum 16, 18
- Lophodermium, 144
 Losses: from tomato late blight
 194, map opposite p. 198
 Louisiana, 7, 9, 10, 14, 27, 194,
 202
- Macrophoma, 144
 Macrophomina phaseoli, 6, 9,
 15, 16, 33, 100, first rept.
 in Oregon 9
 Macrosporium, 144
 Maine, 12, 195, 199, 224
 Marssonina, on hosts in Miss., 145
 Maryland, 8, 194, 196, 199, 213
 Massachusetts, 12, 195, 222
 Massaria, 145
 Melampsora, 145
 Melanconis, 145
 Melanconium, 145
 Melasmia, 145
 Meliola, in Miss., 145
 Metasphaeria, 145
 Methyl bromide, 171, 173, 176,
 181, 183, 184
 Michigan, 195, 197, 229, 231
 Microdiplodia sp., on sorghum
 9
 Micropera, 145
 Microsphaera, sp. on soybean, 7;
 spp. on hosts in Miss., 145,
 146
 Microstroma, 146
 Milo disease, of sorghums 24
 Minnesota, 11, 12, 20, 25, 26,
 195, 232
 Mississippi, 11, 14, 27, 194,
 203, host index of plant dis-
 eases 55
 Missouri, 10, 11, 195, 236
 Mollisia, 146
 Monilochaetes, 146
 Monochaetia, 146
 Montagnella, 146
 Mottle necrosis, of sweetpotato
 10
 Mycosphaerella in Miss., 146
 --- linorum, 26
 Myriangium, 146

- Myrothecium roridum, 7, 82
 Nebraska, 8, 11, 20
 Nectria, 146
 Nematocides, for soil fumigation 172
 Nematode Control Committee, in Idaho 22
 Nematodes: soil fumigation for control of, 169 See also individual names.
 Nematospora coryli (N. phaseoli), 6, 8, 99
 New Hampshire, 195, 224
 New Jersey, 6, 8, 18, 195, 197, 218
 New York, 12, 195, 197, 219, 220
 Nigredo, 146
 North Carolina, 6 ff., 11, 19, 194, 196, 207
 North Dakota, 20, 25, 26
 Nut rot, of peanut 19
 Nummularia, 146
 Oak: wilt, 12
 Oats: anthracnose 25; "mosaic-chlorosis" (virus) 9
 Ohio, 8, 12, 195, 197, 225
 Oidium, 146
 Oklahoma, 3, 6, 8, 10, 11, 12, 18
 Onion: aster yellows (virus) 17; bulb nematode 12; smut 10
 Oospora, 146
 Ophiodothis, 146
 Oregon, 9, 18, 19
 Cvularia, 146, 147
 Parodiella, 147
 Parsnip: aster yellows (virus) 17
 Parzate, 231
 Pasmo, of flax 26
 Peach: X-disease (virus) 12
 Peanut: anthracnose 7; Macro-
 phomina phaseoli 16; nut rot 19; peg rot 19; stem blight 7
 Pear: leaf and fruit spot (Elsinoë) 9
 Peas: Sclerotinia sclerotiorum 16, 18
 Peg rot, of peanut 19
 Penicillium, 147, on soybean 8
 Peniophora, 147
 Pennsylvania, 6, 194, 197, 217
 Pepper: Aphanomyces seedling blight or root rot, 6, 18; Phytophthora blight 10
 Peridermium, 147
 Peronospora, on hosts in Miss., 147
 --- manshurica, 32
 Pestalotia (Pestalozzia), in Miss., 147
 Pestalozziella, 147
 Pezizella, 147
 Phakopsora, 147
 Phleospora, 147
 Phoma, on hosts in Miss., 147, 148
 Phomopsis, 148
 Phragmidium, 148
 Phyllachora, on hosts in Miss., 148
 Phyllectinia, in Miss., 148
 Phyllosticta, on hosts in Miss., 148, 149
 --- phaseolina, 33, 35
 --- sojaecola, 8
 Phymatotrichum omnivorum, 12
 Physalospora, in Miss., 149
 --- zeae, 11
 Physarella, 149 (incorrectly spelt as Physorella)
 Physerum, 149
 Physoderma, 149
 Physopella, 149
 Phytomonas, 149
 --- dissolvens, 11
 Phytophthora capsici, 10
 --- erythroseptica, 20, 23
 --- fragariae, 12
 --- infestans, 1, 13, 149, 192-236; on Solanum dulcamara, new host 199, 213; strains 193
 --- megasperma, 7
 --- parasitica, 212
 Piggotia, 149

- Pileolaria, 150
 Piricularia, 150
 Pitya, 150
 Placosphaeria, 150
 Plant Disease Survey: reporting service, diagram opposite p. 192
 Plasmopara, 150
 Plectodiscella, 150
 Plenodomus, 150
 Pleospora, 150
 Pod and stem blight, of soybean 33
 Podospaera, in Miss., 150
 Podosporium 150
 Polyporus, in Miss., 150
 Polythelis, 150
 Polythrincium, 150
 Poria, 150
 Potato: aster yellows (virus) 17, 26; bacterial ring rot 20; hair sprout (virus) 26; late blight 1, 13, 14, 193, 199, 201 ff., outbreak in N.Y. 1947, 219, in South 1943-44, 13; potato rot nematode, discovery in U.S. (Idaho) 6, control and research in Idaho 22; psyllid yellows (tomato psyllid) 10; purple top wilt (virus) 17, 26; ring spot (virus) 7; shell rot 24; storage deterioration 20; tuber worm damage 212; "water rot" 20, 23
 ---, and tomato: late blight, 192-236
 Powdery mildew, of soybean 7
 Pratylenchus pratensis, 19
 Protocoronospora, 150
 Pseudomonas, on hosts in Miss., 150, 151
 --- glycines, 29
 --- tabacum, 8, 30, 41 ff.
 Pseudoperonospora, 151
 Pseudopeziza, 151
 Psyllid yellows, of potato 10
 Puccinia, on hosts in Miss., 151, 152, 153
 Pucciniastrum, 153
 Pumpkin: charcoal root rot in Oreg., 9
 Pyrenopeziza, 153
 Pythium, 10, 154
 --- aphanidermatum, 11
 Ramularia, on hosts in Miss., 154
 Ramulispora sorghi, 11
 Ravenelia, 154
 Red stele, of strawberry 12
 Rhizoctonia, on hosts in Miss., 154
 Rhizopus, 154
 Rhode Island, 19, 195, 221
 Rhysotheca, 154
 Rhytisma, in Miss., 154
 Root rot, of cereals 19; eggplant 6; flax 11; lettuce 6; pepper 6; spinach 7
 Rosenheldia, 154
 Rutabaga: boron deficiency 25
 Saccharomyces, 81
 Schizophyllum, 124
 Sclerospora, 62, 116
 Sclerotial blight, of soybean 33, 34
 Sclerotinia, on hosts in Miss., 154, 155
 --- sclerotiorum, 11, 15, 16, 18
 Sclerotium, on hosts in Miss., 155
 --- bataticola, see *Macrophomina phaseoli*
 --- rolfsii, 33, 34
 Scolecodothis, 155
 Scolecotrichum, 155
 Seed treatment, of crucifers, 25
 Seedling blight, of soybean 8
 --- diseases, of small grains 19
 Septobasidium, in Miss., 155
 Septocylindrium, 155
 Septoria, on hosts in Miss., 155, 156, 157
 --- leaf spot, of tomato 212
 Shell rot, of potato 24
 Smut, of onion 10
 Soilfume 60-40, 173

- (Soilfume) 80-20, 173
 Soil fumigation for control of nematodes and other soil-inhabiting organisms, Suppl. 170, pp. 169-189
Solanum dulcamara: new host for late blight 199, 213
Sorghum: leaf spot 9, 11; *Macrophomina phaseoli* 16; milo disease 24
Sporosporium, 157
 South Carolina, 7, 8, 9, 11, 14, 27, 194, 196, 205
 South Dakota 10, 11, 19, 20, 25, 26
Soybean: anthracnose 33; bacterial leaf spot 29; bacterial pustule-blight 29, 37 ff.; bud blight, or top necrosis (virus) 11, 33, 35; charcoal rot 33; disease reaction of vars., 31, 35; disease survey in South, 27; downy mildew 32; frog-eye 31, 35, 44 ff.; halo blight 8; leaf spot 7, 8, 33, 35; *Macrophomina phaseoli* 16; mosaic (virus) 31, 47 ff.; pod and stem blight 33; powdery mildew 7; sclerotial blight 33, 34; seedling blight 8; target spot 7; wildfire 30, 41 ff.; wildfire resistance, relation to bacterial pustule resistance, 33; yeast spot of seed 8
Sphaceloma, in Miss., 157
Sphacelotheca, 157
Sphaerella, 157
Sphaeronema, 157
Sphaeropsis, 157
Sphaerotheca, 157
Spinach: ? curly top (virus) 10; leaf spot 10; root rot (*Phytophthora* 7; white blister (white rust) 10
Sporotrichum, 157
Squash: charcoal root rot in Oreg., 9
 --- summer: *Phytophthora capsici* 10
 Stalk rot, of corn 11
 Stem blight, of cowpea 7; peanut 7
 Stem rot, of sweetpotato 24
Stemonitis, 157
Stereum 157
Stictis, 157
Stilbospora, 157
 Stone fruits: virus diseases 18
 Storage deterioration, of potato 20
 Storage surveys, 19
 Strains, of *Phytophthora infestans* 193, 210
 Strawberry: red stele 12
 Surveys, Emergency Plant Disease Prevention 1-26; soybean nurseries in South 27
Sweetpotato: *Macrophomina phaseoli* 16; mottle necrosis (*Pythium*) 10; stem rot 24
Synchytrium, in Miss. 157
Systemma, 158
Taphrina, in Miss., 158
 Target spot, of cowpea and soybean 7
 Technical staff, of Emergency Plant Disease Prevention Project 3
 Tennessee, 9, 10, 24
 Texas, 3, 6, 8, 11, 14, 18, 195, 235
Thelophora, 158
Thielaviopsis, 158
Tilletia, in Miss., 158
Titaeospora andropogonis, 11, 158
 Tobacco: anthracnose 12; ring spot (virus) 12
 Tomato: *Alternaria* leaf spot 212; anthracnose 212; aster yellows (virus) 17; bacterial spot 212; blossom-end rot 209, 212; buckeye rot 212; *Cladosporium* leaf mold 220; commercial crops (map) opposite p. 192; fertilizer leaching 212; late blight 13, 14, 191, control 196, losses 194, 198, occurrence in warning service area 191-236;

- (Tomato) red spider 212; *Sentoria*
leaf spot 212: spotted wilt
(virus) 10
- Tomato late blight in the warn-
ing service area in 1947,
Suppl. 171, pp. 191-236
- Top rot, of corn 8, 25
- Trabutia*, 158
- Trade names, of soil fumigants
173
- Tranzschelia*, 158
- Tribasic copper sulfate, 231
- Trichodothia*, 158
- Trimmatostroma*, 158
- Tryblidium*, 158
- Tubercularia*, 158
- Ulmus*: phloem necrosis (virus)
9, 12
- Uncinula*, on hosts in Miss.,
158
- Uramon, 174, 183
- Uredinopsis, 159
- Uredo, 159
- Urocystis, 159
- *cepulae*, 10
- Uromyces*, on hosts in Miss., 159,
160
- Urophlyctis*, 160
- Uropyxis*, 160
- Ustilago*, on hosts in Miss., 160
- Utah, 19
- Valsa, in Mass. 160
- Vegetable crops: aster yellows
(virus) 25
- Venturia*, 160
- Vermicularia*, 160
- Vermont, 195, 197, 223
- Verticillium*, 160
- Virginia 7, 8, 11, 19, 25, 194,
196, 199, 209, 210
- Virus diseases: aster yellows 15,
25, 161
- : "brown blight" of lettuce 10
- : bud blight or top necrosis
of soybean 11, 33, 35
- : ?curly top of spinach 10
- : hair sprout of potato 26
- (Virus diseases: mosaic of bean
100; cowpea 127; Iris 87; soy-
bean 31, 47 ff., 118; sugar-
cane 114; sweetpotato 87
- : "mosaic-chlorosis" of oats
9
- : rugose mosaic of potato 118
- : phloem necrosis of elm 9,
12
- : purple top wilt of potato
17, 26
- : ring spot of potato 7;
tobacco 12
- : rusty mottle of sweet cherry
19
- : spotted wilt of tomato 10
- , of stone fruits 18
- , witches'-broom, of bean and
lima bean, 6
- : X-disease, chokecherry 12;
peach 12
- Volutella*, 160
- Washington, 9
- "Water rot", of potato 20, 23
- Weeds: aster yellows (virus)
25
- West Virginia, 11, 19, 25, 194,
196, 208
- Wheat: bunt 24; leaf spot
(yellow spot) 11
- White blister, of spinach 10
- White leaf spot, of broccoli 6
- Wildfire, of soybean 30, 41 ff.
- Wilt, of flax 11; oak 12
- Winter browning, of boxwood 19
- Wisconsin, 11, 12, 20, 195, 231
- Witches'-broom, of bean and lima
bean 6
- Wyoming, 7
- Xanthomonas*, in Miss., 160
- *campestris* 25
- *carotae*, 10
- *phaseoli* var. *sojense*, 29,
37 ff.
- *vesicatoria*, 212
- Xylaria*, 161

Yeast spot, of mung bean seed 6;
of soybean seed 8

Zerlate, 196, 215

Zinc ethylene bisdithiocarbamate
dust, 204

Zonate spot, of corn 10

Zythia, 161

ERRATA

Page 7: Soybean, target spot. The location was omitted; Florida should be inserted in the second column.

11: Corn, zonate spot. The name of the organism should be Gloeocercospora sorghi.

86, under Ipomoea batatas, read Physarella oblonga instead of Physorella; also on p. 149.

