

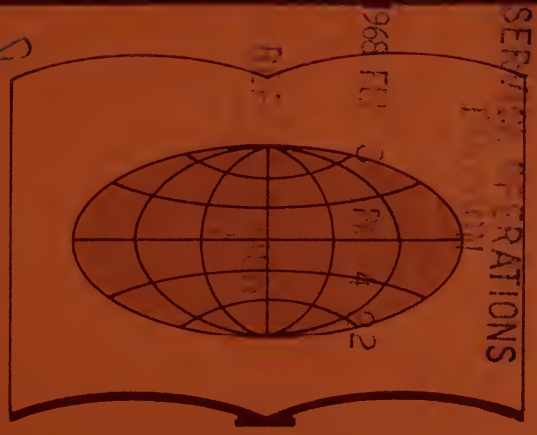
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Jan 1961 464.8 P56
Fungi, Sporulation, Ultraviolet rays, Sporulation.
- 954-68
YELLOW-POPLAR BUTT ROT INFECTION FROM DEAD ANCILLARY STEMS.
J H Ginns
Phytopathology 52(11):1218
Nov 1962 464.8 P56
Butt rot (trees), Liriodendron tulipifera.
- 955-68
THE RELATION OF SPORULATION OF ASCOCHYTA PISI TO WAVE LENGTH, INTENSITY, AND EXPOSURE LENGTH TO MONOCHROMATIC ULTRAVIOLET RADIATION.
C M Leach
Phytopathology 51(1):66
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Sporulation, Ultraviolet rays, Sporulation.
- 956-68
SOME CONSIDERATIONS OF STRAIN VARIATION IN COTTON SEEDLING PATHOGENS.
C R Maier
Phytopathology 52(8):741
Aug 1962 464.8 P56
Cotton, Rhizoctonia solani, Seedlings, Thielaviopsis basicola, Rhizoctonia solani, Thielaviopsis basicola.
- 957-68
ANTAGONISMS TO NEMATODE-TRAPPING FUNGI IN SOIL.
E Mankau
Phytopathology 51(1):66
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Fungi, Soils.
- 958-68
AN APPARENTLY VIRUS-FREE LEAF OF A SYSTEMATICALLY INVADDED PLANT.
I R Schneider
Phytopathology 52(11):1220
Nov 1962 464.8 P56
Germ-free life, Leaves, Virus diseases (plants).
- 959-68
THE CONTROL OF SEED-BORNE SAFFLOWER RUST BY STEAM.
A H McCain J M Ogawa
Phytopathology 51(1):66
Jan 1961 464.8 P56
Rust (safflower), Soil-borne plant diseases, Steam.
- 960-68
INHIBITORS OF POTATO VIRUS X IN POTATO LEAVES WITH DIFFERENT TYPES OF VIRUS RESISTANCE.
W J Hooker W S Kim
Phytopathology 52(7):688-693, BIBL. 693
Jul 1962 464.8 P56
Leaves, Plant disease resistance, Potatoes.
- 961-68
EVIDENCE THAT BETA-PROPIOLACTONE CAN INACTIVATE LATENT A STRAWBERRY VIRUS IN FRAGARIA VESCA PLANTS.
P W Miller T R Aspitarte
Phytopathology 51(1):66
Jan 1961 464.8 P56
Fragaria vesca, Hydracrylic acid beta-lactone, Latent virus (strawberries), Fragaria vesca.
- 962-68
STENDOMYCIN SALICYLATE, A NEW ANTIBIOTIC FOR THE CONTROL OF SPHAEROTHECA PANNOSA VAR. ROSAE.
I F Brown Jr H R Hall
Phytopathology 52(11):1217
Nov 1962 464.8 P56
Antibiotics.
- 963-68
THE HULL ROT DISEASE OF ALMOND AND THE PATHWAY FOR TRANSLOCATION OF A TOXIN INVOLVED IN SYMPTOM DEVELOPMENT.
C J Mirocha E E Wilson J E DeVay
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Jan 1961 464.8 P56
Almonds, Hull rot (prunus amygdalus), Plant translocation, Toxins.
- 964-68
DISTRIBUTION PATTERN AND PERSISTENCE OF THE SYSTEMIC RESISTANCE INDUCED IN HYPERSENSITIVE TOBACCO PLANTS BY TOBACCO MOSAIC VIRUS.
R F Bozarth A F Ross
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Mosaic (tobacco), Plant disease resistance, Tobacco.
- 965-68
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M J Nadakavukaren C E Horner
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Jan 1961 464.8 P56
Soil moisture, Soil temperature.
- 966-68
RESISTANCE TO CUCURBIT VIRUSES IN CUCUMIS MELO.
R E Webb G W Bohn
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Nov 1962 464.8 P56
Cucumis melo, Plant disease resistance, Virus diseases (plants), Cucumis melo.
- 967-68
MECHANICAL TRANSMISSION OF TWO STRAINS OF SWEET CHERRY RUGOSE MOSAIC, MILD RUSTY MOTTLE, AND RASP LEAF VIRUSES.
G Nyland
Phytopathology 51(1):66-67
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Plant disease transmission, Rasp leaf (cherries), Rugose mosaic (cherries).
- 968-68
BACTERIAL NECROSIS AND ISOLATION FREQUENCY OF RHIZOCTONIA FROM RHIZOSPHERES UNDER SEVERAL CROPPING SEQUENCES.
A L Andersen D M Huber
Phytopathology 52(8):721
Aug 1962 464.8 P56
Crop rotation, Necrosis, Rhizoctonia.
- 969-68
GILBERTELLA FRUIT ROT OF PEACHES IN CALIFORNIA.
J M Ogawa E E Butler S D Lyda
Phytopathology 51(1):67
Jan 1961 464.8 P56
California, Fruit rot, Peaches, California, Fruit rot.
- 970-68
REACTION OF FIVE PEANUT VARIETIES TO CULTURAL CONTROL OF STEM ROT.
K H Garren
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Cultural control (plant diseases), Peanuts, Plant physiology, Stem rot (peanuts).
- 971-68
THE EFFECT OF GIBBERELIC ACID ON THE PARASITISM OF RHIZOCTONIA SOLANI ON BEANS AND COTTON.
L J Petersen J E DeVay B R Houston
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Gibberellic acid, Kidney beans, Parasitic plants, Rhizoctonia solani.
- 972-68
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J L Cunningham D J Hagedorn
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Aphanomyces euteiches, Peas, Plant diseases, Roots, Zoospores, Aphanomyces euteiches, Zoospores.

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Mosaic (peaches), Trees.
- 974-68
FUNGI ISOLATED FROM DISCOLORATIONS IN NORTHERN HARDWOODS.
A I Shigo
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Nov 1962 464.8 P56
Fungi, Hardwoods, Fungi.
- 975-68
FLOWERING CRAB APPLE VARIETIES AS QUICK INDICATOR HOSTS FOR LATENT APPLE VIRUSES.
J E Reynolds J A Milbrath
Phytopathology 51(1):67
Jan 1961 464.8 P56
Crabapples, Latent virus (apples).
- 976-68
A STRAIN-HOST COMBINATION FOR STUDYING TOMATO SPOTTED WILT VIRUS INCLUSION.
J G Bald
Phytopathology 52(8):723
Aug 1962 464.8 P56
Plant hosts, Spotted wilt (tomatoes), Plant hosts.
- 977-68
FACTORS DETERMINING THE RATE OF BEAN YELLOW MOSAIC VIRUS TRANSMISSION BY THE APHID MYZUS PERSICAE.
K G Swenson S S Sohi
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Jan 1961 464.8 P56
Aphididae, Plant translocation, Virus diseases (plants), Yellow mosaic (beans).
- 978-68
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C M Howard J G Leach
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Nov 1962 464.8 P56
Plant disease transmission.
- 979-68
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H Tachibana R Duran
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Plant diseases.
- 980-68
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H W Klemmer R Y Nakano
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Fungi, Phytophthora, Pineapples, Pythium, Soils, Phytophthora, Pythium.
- 981-68
A KINETIC INVESTIGATION OF THE MODE OF TMV ATTACHMENT TO INFECTIBLE SITES.
W Furumoto S G Wildman
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Mode, Mosaic (tobacco), Virus diseases (plants).
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R A Hyre
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Fungus diseases (plants), Lima beans, Plant senescence, Temperature.
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Apples, Virus diseases (plants).
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Cylindrocladium scoparium, Minnesota, Root rot (coniferae), Seedlings, Cylindrocladium scoparium, Minnesota.
- 985-68
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J Wu I Rappaport
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Mosaic (tobacco).
- 986-68
INHIBITION OF ERWINIA AMYLOVORA BY TISSUES, EXTRACTS, AND ASH FROM RESISTANT AND SUSCEPTIBLE PEARS.
H L Keil R A Wilson
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Erwinia amylovora, Pears, Plant disease control, Plant disease resistance, Plant extracts, Erwinia amylovora.
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J W Eckert P H Tsao L J Klotz K B Jones
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Penicillin, Phytophthora, Pimaricin, Polymyxin, Roots, Tissues, Phytophthora, Pimaricin.
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T P Pirone
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Mosaic (alfalfa), Ribonuclease.
- 989-68
CONTROLLING PENICILLIUM DECAY OF ORANGES WITH CERTAIN ALIPHATIC AMINES.
J W Eckert M J Kolbezen B F Bretschneider H K Nicholas
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Jan 1961 464.8 P56
Amines, Oranges, Penicillium.
- 990-68
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E S Elliott
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Plant diseases, Poa pratensis, Soil fertility, Poa pratensis.
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THE EFFECT OF ENVIRONMENT ON THE TOXIC ACTION OF SULFUR DIOXIDE ON THE SPORES OF BOTRYTIS CINEREA.
H M Couey M Uota
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Botrytis cinera, Environment, Spores, Sulfur dioxide, Botrytis cinera, Spores.
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DETERMINATION OF INOCULUM POTENTIAL OF INFESTED SOIL.
J G Bald D E Munnecke
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Callistephus chinensis, Fusarium oxysporum, Inoculum, Pythium ultimum, Soils, Callistephus chinensis, Fusarium oxysporum, Inoculum, Pythium ultimum.
- 993-68
ACQUISITION AND TRANSMISSION OF ASTERS YELLOWS VIRUS.
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Plant disease transmission, Virus diseases (plants).
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RELATIONSHIPS AMONG PRUNUS VIRUSES OF THE NECROTIC RINGSPOT TYPE.
W R Allen
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Necrotic ring spot (prunus), Prunus,

- Virus diseases (plants), Prunus.
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O D Morgan Jr
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Fungus diseases (plants), Rhizoctonia.
- 996-68
STALACTIFORM RUST ON JACK PINE.
N A Anderson D W French
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Pinus banksiana, Rust (pinus), Pinus banksiana.
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D F Crossan A L Morehart
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Fungicides, Herbicides, Plant disease control, Soil treatment, Tomatoes.
- 998-68
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H D Wells I Forbes Jr
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Glomerella cingulata, Lupinus angustifolius, Pathogenesis, Plant genetics, Plant physiology, Temperature, Glomerella cingulata, Lupinus angustifolius, Pathogenesis.
- 999-68
FOUR NEW HOSTS OF CRISTULARIELLA PYRAMIDALIS.
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Cristulariella pyramidalis, Plant hosts, Cristulariella pyramidalis, Plant hosts.
- 1000-68
THE PREVALENCE OF ERWINIA AMYLOVORA IN APPLE BUDS AS DETECTED BY PHAGE.
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Apples, Erwinia amylovora.
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TEMPERATURE EFFECTS ON HOST PREDISPOSITION AND DEVELOPMENT OF BLACKSPOT.
J G Palmer P Semeniuk
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Plant disease resistance, Plant hosts, Temperature, Plant disease resistance, Plant hosts.
- 1002-68
RELATIONS OF DISEASE DEVELOPMENT AND INTENSITY TO CARBOHYDRATE LEVELS IN RUSTED BEAN PLANTS.
R E Inman
Phytopathology 52(9):924
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Beans, Carbohydrates, Plant diseases, Rust (beans).
- 1003-68
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J L Crane H W Crittendon
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Ring spot (tobacco), Soybeans.
- 1004-68
DEVELOPMENT OF SPRING BLACKSTEM IN ALFALFA AS AFFECTED BY NUTRIENTS ADDED TO SPORE SUSPENSIONS AT THE TIME OF INOCULATION.
E E Banttari B L Renfro
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Alfalfa, Inoculum, Spores, Spring black stem (alfalfa), Inoculum, Spores.
- 1005-68
THE EFFECT OF INFECTION BY HELMINTHOSPORIUM CARBONUM ON SOME CO₂ FIXATION AND OTHER ENZYMES IN CORN SEEDLINGS.
I Malca R C Huffaker F P Zscheile
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Carbon dioxide, Corn, Enzymes, Helminthosporium carbonum, Seedlings, Helminthosporium carbonum.
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DEVELOPMENT OF FUSARIUM CANKER OF BLACK POPLARS.
J G Barbee
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Fusarium solani, Populus nigra, Fusarium solani, Populus nigra.
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W Abu-Gharbieh E H Varney W R Jenkins
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Pratylenchus penetrans, Strawberries, Verticillium albo-atrum, Wilt (strawberries), Pratylenchus penetrans, Verticillium albo-atrum.
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Cercospora, Legumes, Pathogenicity, Spores, Cercospora, Pathogenicity, Spores.
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Arceuthobium, Seed germination, Arceuthobium.
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Plant genetics, Puccinia sorghi, Rust (corn), Puccinia sorghi.
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Fusarium oxysporum f. lycopersici, Metabolites, Plant physiology, Roots, Seedlings, Tomatoes, Fusarium oxysporum f. lycopersici.
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Fusarium oxysporum, Seed treatment, Wilt (tomatoes), Fusarium oxysporum.
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Plant disease resistance, Seedlings, Stripe rust (wheat), Wheat.
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Arceuthobium, Biological control (weeds), Fungi, Pacific northwest, Arceuthobium, Pacific northwest.
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Apples, Host indexing (plants), Inoculum, Latent virus (apples), Inoculum.
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Bactericides, Cauliflower, Seeds.
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Pathogenicity.
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Environment, Ozone.
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WILLIAMS, B J.
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Amino acids, Apples, Pathogenesis, Venturia inaequalis, Pathogenesis, Venturia inaequalis.
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Corn, Plant disease resistance, Stalk rot (corn).
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Plant disease transmission, Plant grafting, Strawberries, Virus diseases (plants).
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North America, Plant disease resistance, Rust (grain), North America.
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Bacterial wilt (bananas), Insect dissemination, Plant disease transmission, Bacterial wilt (bananas).
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Corn, Crop rotation, Crop yields, Oats, Stalk rot (corn), Wheat.
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Agrostis, Brown patch (grasses), Rhizoctonia solani, Agrostis, Rhizoctonia solani.
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Cylindrocladium scoparium, Plant hosts, Soil microbiology,

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Virulence, Virus diseases (plants), Virulence.
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Antigens, Beans, Fluorescent antibody technic, Leaves.
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Fusarium solani, Plant disease control, Root rot (beans), Fusarium solani.
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Plant disease transmission, Spindle tuber (potatoes), Tomatoes.
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J R Burleigh L B Purdy
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Amino acids, Uredospores, Uredospores.
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Citrus, Stubborn disease (citrus).
- 1045-68
GLOEOSPORIUM SBOOT BLIGHT AND DEFOLIATION OF TREMBLING ASFEN.
G C Marks J G Berbee A J Riker
Phytopathology 52(8):741-742
Aug 1962 464.8 P56
Defoliation, Populus tremuloides.
- 1046-68
EFFECT OF HYDROGEN ION CONCENTRATION ON GROWTH RATES OF FHTOPHTBORA SP.
H R Cameron
Phytopathology 52(8):727
Aug 1962 464.8 P56
Hydrogen-ion concentration, Phytophthora.
- 1047-68
HEAT THERAPY OF BEAN RUST.
C E Yarwood
Phytopathology 52(8):758
Aug 1962 464.8 P56
Bot water treatment (plants), Rust (beans).
- 1048-68
EVIDENCE FOR THE SUBVIVAL OF THE BIG-VEIN VIRUS WITHIN OLPIIDIUM RESTING SPORANGIA.
R N Campbell
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Big vein (lettuce), Olpidium brassicae, Spores, Olpidium brassicae, Spores.
- 1049-68
CHARACTERIZATION OF FIVE GERANIUM VIBUS ISOLATES AND IN VITRO GROWTH OF GERANIUM STEM TIPS.
R A Reinert A C Hildebrandt G E Beck
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Geranium, Plant physiology, Virus diseases (plants).
- 1050-68
SEMIOLOGY OF FUSARIUM WILT OF TOMATO.
H L Chambers M E Corden
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Fusarium oxysporum, Tomatoes, Wilt (tomatoes), Fusarium oxysporum.
- 1051-68
THE EFFECT OF RUST ON THE DISTRIBUTION OF C14-CONTAINING COMPOUNDS IN BEAN.
A I Zaki R D Durbin
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Beans, C14, Rust (beans), C14.
- 1052-68
NUTRITION IN RELATION TO ROOT AND TOP GROWTH OF TRIFOLIUM PRATENSE AND SEVERITY OF FUSARIUM ROOT ROT.
C C Chi E W Hanson
Phytopathology 52(8):728
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Fusarium, Plant nutrition, Plant physiology, Red clover, Root rot, Fusarium, Red clover, Root rot.
- 1053-68
IMPORTANCE OF NONHOSTS IN MAINTAINING THE INOCULUM POTENTIAL OF VERTICILLIUM.
C A Martinson C E Horner
Phytopathology 52(8):742
Aug 1962 464.8 P56
Inoculum, Plant hosts, Verticillium albo-atrum, Inoculum, Plant hosts, Verticillium albo-atrum.
- 1054-68
SYMPTOM RETARDATION OF FUSARIUM WILT OF TOMATO SEEDLINGS BY A CEPHALOSPORIUM SPECIES.
J A Chisler G E Smith M R Menon C C Allison
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Fusarium oxysporum, Seedlings, Tomatoes, Wilt (tomatoes), Fusarium oxysporum.
- 1055-68
A NEW STRAIN OF COMMON BEAN MOSAIC VIRUS.
W J Zaunmeyer R W Goth
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Beans, Mosaic (beans).
- 1056-68
BIOSYNTHESIS OF INFECTIONS TOBACCO MOSAIC VIRUS RIBONUCLEIC ACID IN A CELL-FREE MEDIUM.
G W Cochran A S Dhaliwal G W Welkie J L Chidester M H Lee
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Mosaic (tobacco), Ribonucleic acid.
- 1057-68
PHOTODYNAMIC INHIBITION OF TOBACCO MOSAIC VIRUS.
G B Orlob
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Mosaic (tobacco), Neutral red.
- 1058-68
TYROSINASE FORMATION BY STROBILOMYCES STROBILACEOUS.
R P Collins L Paige
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Enzymes, Phenolases.

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Fungicide resistant fungi, Plant mutation, Streptomycin,
Fungicide resistant fungi.
- 1060-68
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R H Converse
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Insect vectors, Plant disease transmission, Plant grafting, Raspberries.
- 1061-68
OVERWINTERING CAPABILITIES OF UREDOSPORES AND MYCELIUM OF PUCCINIA GRAMINIS TRITICI IN THE PACIFIC NORTHWEST.
F I McCracken J W Hendrix
Phytopathology 52(8):742
Aug 1962 464.8 P56
Hibernation, Mycelium, Pacific Northwest, Puccinia graminis tritici, Uredospores, Mycelium, Pacific Northwest, Puccinia graminis tritici, Uredospores.
- 1062-68
THE RELATION OF PLANT MATURITY, TEMPERATURE, AND SOIL MOISTURE TO CHARCOAL STALK ROT DEVELOPMENT IN GRAIN SORGHUM.
L K Edmunds
Phytopathology 52(8):731
Aug 1962 464.8 P56
Charcoal rot (sorghum), Plant senescence, Soil moisture, Sorghum, Temperature.
- 1063-68
SEED-BORNE ASPECTS OF DIAPORTHE PHASEOLORUM IN SOYBEAN.
V R Wallen W L Seaman
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Diaporthe phaseolorum, Seed-borne plant diseases, Soybeans, Diaporthe phaseolorum.
- 1064-68
ETIOLOGY OF TOMATO FRUIT ROT IN THE RED RIVER VALLEY OF TEXAS.
L J Ashworth Jr W R King
Phytopathology 52(8):723
Aug 1962 464.8 P56
Rot (tomatoes), Texas, Tomatoes, Texas.
- 1065-68
HOP DOWNY MILDEW REACTION IN SELECTED PROGENY OF A SUSCEPTIBLE VARIETY.
R R Romanko
Phytopathology 52(8):749
Aug 1962 464.8 P56
Downy mildew (hops), Plant disease resistance.
- 1066-68
A TECHNIQUE FOR MEASURING CO₂ PRODUCTION OF WHEAT AT 15-16 PERCENT MOISTURE CONTENT.
R D Durbin C M Christensen
Phytopathology 52(8):730
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Carbon dioxide, Wheat.
- 1067-68
SUSCEPTIBILITY OF CERTAIN CITRUS ROOTSTOCKS TO THIELAVIOPSIS BASICOLA.
P H Tsao
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Citrus, Plant disease resistance, Rootstocks, Thielaviopsis basicola, Rootstocks, Thielaviopsis basicola.
- 1068-68
INCREASED BACTERIAL POPULATIONS IN SOYBEAN ROOTS DUE TO PHOSPHORUS.
J Dunleavy J F Kunkel
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Aug 1962 464.8 P56
Phosphorus, Roots, Soybeans.
- 1069-68
HETEROTHALLISM IN PYRENOPHORA TERES.
W C McDonald
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Aug 1962 464.8 P56
- 1070-68
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DUNLEAVY, J.
Phytopathology 52(8):730
Aug 1962 464.8 P56
Bacteria, Pigments (plant), Seed coats, Soybeans.
- 1071-68
FURTHER STUDIES ON THE WOODY GALL VIRUS DISEASE OF CITRUS.
J M Wallace R J Drake
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Citrus, Virus diseases (plants), Woody gall (citrus).
- 1072-68
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G G Dimalla
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Aug 1962 464.8 P56
Apples, Latent virus (apples).
- 1073-68
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E G Ruppel
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Aug 1962 464.8 P56
Enation mosaic (peas).
- 1074-68
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S M Dietz J W Hendrix
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Aug 1962 464.8 P56
Grasses, Plant disease resistance, Stripe rust (grasses), Washington.
- 1075-68
RESPIRATORY ACTIVITIES OF CELL-FREE PARTICLES FROM PYTHIUM ULTIMUM, RHIZOCTONIA SOLANI, AND SUGAR BEET SEEDLINGS.
W J Tolmsoff
Phytopathology 52(8):755
Aug 1962 464.8 P56
Extracellular substances, Pythium ultimum, Respiration, Rhizoctonia solani, Sugar beets, Pythium ultimum, Rhizoctonia solani.
- 1076-68
STEMPHYLIUM TWIG AND STEM CANKER OF MORUS.
S M Dietz
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Morus, Stemphylium, Morus, Stemphylium.
- 1077-68
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MCKEEN, C D.
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Soil fumigation, Virus diseases (plants).
- 1078-68
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J E DeVay F L Lukezic W H English
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D-D, Peaches, Plant disease resistance, D-D.
- 1079-68
RELATIONSHIPS OF PEA ENATION MOSAIC VIRUS (PEMV) ISOLATES.
E G Ruppel D J Hagedorn
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Enation mosaic (peas).
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Uromyces phaseoli var. phaseoli.
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J D Menzies
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Fermentation, Soil treatment, *Verticillium dahliae*,
Soil treatment, *Verticillium dahliae*.
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PHYSIOLOGY OF SELECTIVE PATHOGENICITY IN *FUSARIUM OXY-
SPORUM*.
D Davis
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Fusarium oxysporum, Pathogenesis, Plant physiology,
Fusarium oxysporum, Pathogenesis.
- 1083-68
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A A Saari M B Moore
Phytopathology 52(8):749-750
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Crown rust (oats), Plant disease resistance, Temperature.
- 1084-68
THE ROLE OF NATURALLY OCCURRING FUNGITOXICANTS IN SELECTIVE
PATHOGENICITY OF *FUSARIUM OXYSPORUM*.
D Davis
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Fusarium oxysporum, Pathogenesis, *Fusarium oxysporum*,
Pathogenesis.
- 1085-68
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IN A CROSS OF P.I. 178383 X ELGIN WHEAT.
E J Metzger C R Rohde E J Trione
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Beredity, Plant genetics, *Tilletia caries*, Wheat,
Tilletia caries.
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INHIBITION OF SPORE GERMINATION OF *ALTERNARIA TENUIS* BY
SULFUR DIOXIDE.
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Alternaria tenuis, Spore germination, Sulfur dioxide,
Alternaria tenuis, Spore germination.
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SIS IN *FUSARIUM* ROOT ROT OF BEAN.
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Barley straw, Beans, *Fusarium solani*, Root rot (beans),
Fusarium solani.
- 1089-68
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APPLES.
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Chlorotic leafspot (apples), Pears.
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B M Elsaid J B Sinclair
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Fungicide resistant fungi, Fungicides, *Rhizoctonia solani*,
Fungicide resistant fungi, *Rhizoctonia solani*.
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DIRECT RECOVERY OF TOBACCO RATTLE VIRUS FROM ITS NEMATODE
VECTOR.
H L Sanger M W Allen A H Gold
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Nematode vectors, Rattle disease (tobacco), Tobacco,
Trichodorus, Nematode vectors, *Trichodorus*.
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Grain, Mercury, Seed treatment, Seed-borne plant diseases.
- 1093-68
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Crown rot (iris), Iris.
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Alfalfa, *Phytophthora cryptogea*.
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PLANT TISSUE.
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Plant disease transmission, Virus diseases (plants).
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Mentha, Nematode population, *Paratylenchus hamatus*,
Pathogenesis, *Mentha*, Nematode population,
Paratylenchus hamatus, Pathogenesis.
- 1097-68
L-PROLINE AND L-ALANINE AS SUBSTITUTES FOR HIGHER TEMPERA-
TURES IN THE GERMINATION OF FUNGUS SPORES.
L P Miller
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Germination (spores), Temperature, Germination (spores).
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Turf.
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TEINE.
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Cysteine, Mercury chloride, Mosaic (tobacco),
Ribonucleic acid.
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H H Flor
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Plant disease resistance, Plant genetics, Rust (flax).
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Barley, Grain moisture, Storage diseases, Temperature.
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C Fordyce Jr R J Green Jr
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Arceuthobium campylopodum.
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Aster leafhopper, Blue dwarf (oats), Insect vectors,
Macrosteles fascifrons, Plant disease transmission,
Aster leafhopper, Macrosteles fascifrons.
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Chlorogenic acid, Plant disease resistance, Potatoes,
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Verticillium albo-atrum.
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Virulence.
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R E Miller C W Bootroyd
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Corn, Fungi, Roots.
- 1110-68
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Corn, Mexico.
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Alfalfa, Crop rotation, Crop yields, Soybeans.
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Bananas, Cercospora musae, Leaves, Sigatoka (bananas),
Cercospora musae.
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Decline (pears), Pears, Plant anatomy, Plant grafting.
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Plant genetics, Hypomyces solani f. cucurbitae.
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Fungus diseases (plants), Plant nutrition, Prunus domestica.
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D L Gerwitz
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Beans, Plant physiology, P32, Rust (beans), P32.
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Exudates, Fungicides, Soils.
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Cherries, Seeds, Virus diseases (plants).
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L C Gonzalez G S Pound
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Temperature.
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Peas, Plant disease resistance, Plant genetics,
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Animal extracts, Aphididae, Erwinia amylovora, Aphididae, Erwinia amylovora.
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Nerium, Olives, Virulence, Nerium, Virulence.
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H M Hilu A L Rooker
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Corn, Plant disease resistance, Seedlings.
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Pimaricin, Plant physiology, Pythium, Streptomycin, Pythium.
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Pratylenchus penetrans, Verticillium dahliae, Wilt (tomatoes), Pratylenchus penetrans, Verticillium dahliae.
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Dianthus caryophyllus, Phytophthora, Wilt (dianthus caryophyllus), Dianthus caryophyllus, Phytophthora.
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Puccinia striiformis, Seedlings, Temperature, Wheat, Puccinia striiformis.
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Fungicide resistant fungi, Pentachloronitrobenzene, Rhizoctonia solani, Fungicide resistant fungi, Rhizoctonia solani.
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Crop yields, D-D, Lemons, Plant physiology, D-D.
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Nucleic acids, Prunus mahaleb, Seedlings, Virus diseases (plants), Prunus mahaleb.
- 1139-68
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R J Shepherd D R Rall W E Pendery
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Corn, Root rot (corn).
- 1140-68
INHERITANCE OF CHLOROTIC-LESION RESISTANCE TO HELMINTHOSPORIUM TURCICUM IN CORN SEEDLINGS.
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Corn, Helminthosporium turcicum, Plant disease resistance, Plant genetics, Seedlings, Helminthosporium turcicum.
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Callus (plants), Immunization, Mosaic (tobacco), Plant growth inhibitors, Roots, Tomatoes, Immunization.
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D C H Hsi
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Charcoal rot (sorghum), Immunization, Soil moisture, Temperature, Immunization.
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A Siegel M Zaitlin O P Sehgal
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Mosaic (tobacco), Proteins, Virus mutation.
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Crop rotation, Fusarium, Root rot (beans), Fusarium.

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Biochemistry, Pseudomonas savastanoi, Serological tests, Pseudomonas savastanoi.
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Calcium, Leaves, Oranges, Stubborn disease (citrus).
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Plant disease resistance.
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Microflora, Seeds, Soybeans, Storage diseases, Microflora.
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M J Nadakavukaren
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Sclerotia, Verticillium albo-atrum, Sclerotia, Verticillium albo-atrum.
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Fungi, Mycorrhiza.
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Rhynchosporium secalis, Sporulation, Rhynchosporium secalis, Sporulation.
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Leaves, Nitrogen, Phenol compounds, Stem rust (wheat), Wheat.
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Citrus, Plant nematode resistance, Plant nematodes, Rootstocks, Tylenchulus semipenetrans, Rootstocks, Tylenchulus semipenetrans.
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Downy mildew (hops), Environment, Hops, Pseudoperonospora humuli, Sporulation, Pseudoperonospora humuli, Sporulation.
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LUPINE, ANOTHER LEGUME HOST OF THE WILT FUSARIUM FROM U. S. COTTON.
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Cotton, Fusarium, Lupinus angustifolius, Fusarium, Lupinus angustifolius.
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Anthracnose (platanus occidentalis), Platanus, Temperature.
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Botrytis cinerea, Seed germination, Botrytis cinerea.
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Canada, Striate mosaic (wheat), Wheat, Canada.
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Bunch rot (grapes), Fungi, Grapes, Seed germination, Spores.
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Crop yields, Stripe rust (wheat), Washington.
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Apples, Enzymes.
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Ceratocystis ulmi, Conidia, Seed germination, Ceratocystis ulmi, Conidia.
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E G Kuhlman F F Hendrix Jr C S Hodges Jr
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Fomes annosus, Immunization, Pinus echinata, Timber, Fomes annosus, Immunization, Pinus echinata.
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Mentha, Plant disease resistance, Rhizosphere, Roots, Verticillium albo-atrum, Mentha, Verticillium albo-atrum.
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Diplodia viticola, Enzymes, Diplodia viticola.
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Mexico, Phytophthora infestans, Plant disease resistance, Plant genetics, Potatoes, Mexico, Phytophthora infestans.
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Nitrogen, Oats, Plant metabolism, Victorin.
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Phlorizin, Plant metabolism, Scab (apples), Venturia inaequalis.
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Bacteria, Fungicides.
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Rot (tomatoes), Watermelons, Rot (tomatoes).
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SCLEROTIUM ROLFII, HISTORY, TAXONOMY, HOST RANGE, AND DISTRIBUTION.
E West
Phytopathology 51(2):108-109
Feb 1961 464.8 P56
Fungus diseases (plants), Mycology, Sclerotium rolfsii, Mycology, Sclerotium rolfsii.
- 1227-68
ADDITIONAL HOSTS OF THE FIG MOSAIC VIRUS.
B C Burnett
Plant Dis Rep 46(9):693
15 Sep 1962 1.9 P69P
Figs, Host indexing (plants), Mosaic (figs), Virus diseases (plants).
- 1228-68
PLANT DISEASE LOSSES AS THEY OCCUR WORLDWIDE.
J Vallega L Chiarappa
Phytopathology 54(11):1305-1308, BIBL. 1308
Nov 1964 464.8 P56
Crop losses, Phytopathology, Plant diseases, World agricultural situation.
- 1229-68
ARTIFICIAL INOCULATION OF LONGLEAF PINE WITH SCIRRHIA ACICOLA.
G A Snow
Phytopathology 51(3):186-188
Mar 1961 464.8 P56
Immunization, Pinus palustris.
- 1230-68
DISEASES AFFECTING PRODUCTION OF CERTIFIED TOMATO PLANTS IN GEORGIA DURING 1942-1963.
T J Ratcliffe D J Morton
Plant Dis Rep 47(12):1065-1066
15 Dec 1963 1.9 P69P
Bacteria, Crop yields, Plant diseases, Tomatoes.
- 1231-68
FIELD OCCURRENCE AND PROPERTIES OF THE COWPEA STRAIN OF SOUTHERN BEAN MOSAIC VIRUS.
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Cowpeas, Mosaic (cowpeas).

1232-68

SUMMATION TO SYMPOSIUM ON SCLEROTIUM ROLFESI.
F Aycock
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Fungi.

1233-68

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A W Helton
Phytopathology 52(10):1061-1064
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Chemical control (plant diseases), Cytospora,
Plant injuries, Plant protection, Prunes, Cytospora.

1234-68

EFFECTS OF SELECTED CYTOSPORA ISOLATES FROM STONE FRUITS ON CERTAIN STONE FRUIT VARIETIES.
A W Helton D E Konicek
Phytopathology 51(3):152-157, BIBL. 157
Mar 1961 464.8 P56
Cytospora, Fruit, Fungus diseases (plants), Cytospora.

1235-68

ROOT GRAFTING OF CITY-PLANTED AMERICAN ELMS.
E B Himelick D Neely
Plant Dis Rep 46(2):86-87
15 Feb 1966 1.9 P69P
Plant grafting, Roots, Ulmus.

1236-68

ARTIFICIAL INOCULATION OF PEARL MILLET PLANTS WITH SCLERO-SPOEA GRAMINICOLA.
A Husain R N Thakur D S Bhandar
Plant Dis Rep 47(12):1080-1082
15 Dec 1963 1.9 P69P
Immunization, Oospores, Pearlmillet, Storage, Oospores.

1237-68

POWDERY MILDEW - A NEW DISEASE OF RAPESEED AND MUSTARD IN INDIA.
D S Bhandar R N Thakur A Hussain
Plant Dis Rep 47(11):1039
15 Nov 1963 1.9 P69P
Brassica, Rapeseed, Brassica.

1238-68

ABILITY OF SINGLE WHITEFLIES TO TRANSMIT CONCOMITANTLY A STRAIN OF INFECTIOUS CHLOROSIS OF MALVACEAE AND OF LEONURUS MOSAIC VIRUS.
E Flores K Silberschmidt
Phytopathology 53(2):238, BIBL.
Feb 1963 464.8 P56
Aleyrodidae, Insect vectors, Aleyrodidae.

1239-68

WEB BLIGHT -A SEVERE DISEASE OF BEANS AND SOYBEANS IN MEXICO.
A Crispin C C Gallegos
Plant Dis Rep 47(11):1010-1011, PL.
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Beans, Soybeans, Web blight (beans), Web blight (soybeans).

1240-68

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F Herold J Weibel
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Apr 1963 464.8 P56
Electron microscopy, Mosaic (sugarcane), Sugarcane, Sugarcane.

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E Echandi C E Fernandez
Phytopathology 52(6):544-546
Jun 1962 464.8 P56
Canker (coffee), Ceratocystis fimbriata, Ceratocystis fimbriata.

1242-68

EFFECT OF CERTAIN CHEMICAL TREATMENTS ON COLONIZATION OF SLASH PINE STUMPS BY POMES ANNOSUS.
C H Driver
Plant Dis Rep 47(6):569-571

15 Jun 1963 1.9 P69P

Chemical control (plant diseases), Pomes annosus, Pinus elliotii, Pomes annosus, Pinus elliotii.

1243-68

FURTHER DATA ON BORAX AS A CONTROL OF SURFACE INFECTION OF SLASH PINE STUMPS BY POMES ANNOSUS.
C H Driver
Plant Dis Rep 47(11):1006-1009, TABS.
15 Nov 1963 1.9 P69P
Borax, Pomes annosus, Pinus elliotii, Tree diseases, Pomes annosus, Pinus elliotii.

1244-68

SYSTEMIC INFECTION OF CORN BY FUSARIUM MONILIFORME.
D C Poley
Phytopathology 52(9):870-872
Sep 1962 464.8 P56
Corn, Fusarium moniliforme.

1245-68

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Soybeans.

1246-68

BLUEBONNET 50 RICE SUSCEPTIBLE TO STRAIN H OF SUGARCANE MOSAIC VIRUS.
L Anzalone Jr
Phytopathology 53(6):621
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Mosaic (sugarcane).

1247-68

SUSCEPTIBILITY OF CERTAIN CONVULVULACEAE TO INTERNAL CORK, TOBACCO RINGSPOT, AND CUCUMBER MOSAIC VIRUSES.
W J Martin
Phytopathology 52(7):607-611, TABS.
Jul 1962 464.8 P56
Internal cork (convulvulaceae), Mosaic (cucumbers), Plant disease resistance, Ring spot (tobacco).

1248-68

EFFECT OF EXCORTIS ON SATSUMA ORANGE.
J B Sinclair R T Brown
Phytopathology 52(6):581-582, BIBL. 581-582
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Oranges, Virus diseases (plants).

1249-68

SPREAD OF PETAL BLIGHT OF CAMELLIAS BY AIR-BORNE ASCOSPORES OF SCLEROTINIA CAMELLIAE.
N Zummo A G Plakidas
Phytopathology 51(1):69
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Air-borne plant diseases, Ascospores, Fungicides, Ascospores.

1250-68

TOLERANCE AMONG NATURALLY OCCURRING ISOLATES OF RHIZOCTONIA SOLANI TO PENTACHLORONITROBENZENE.
M N Shatla J B Sinclair
Phytopathology 53(6):625
Jun 1963 464.8 P56
Pentachloronitrobenzene, Rhizoctonia solani.

1251-68

INHIBITION OF SUGARCANE MOSAIC VIRUS BY MILK.
L Anzalone Jr
Plant Dis Rep 46(4):213-215, TABS
15 Apr 1962 1.9 P69P
Milk, Mosaic (sugarcane).

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CORTICUM SALMONICOLOR IN THE UNITED STATES.
E C Tims
Plant Dis Rep 47(12):1055-1059, BIBL. 1058-1059, PL.
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Blight (apples), Blight (pears).

1253-68

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Plant histology, Sour oranges.

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B B Khadga B B Exner J B Sinclair
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Cotton, Rhizoctonia solani, Rhizoctonia solani.
- 1255-68
THE EFFECT OF HIGH NITROGEN FERTILIZER ON THE CONTROL OF BACTERIAL LEAFSPOT OF PEPPERS CAUSED BY XANTHOMONAS VESICATORIA AND THE YIELDS OF MARKETABLE FRUIT.
J H Jenkins W L Horn
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Bacterial leaf spot (redpeppers), Nitrification, Xanthomonas vesicatoria.
- 1256-68
EFFECT OF TEMPERATURE AND AGE OF HOST ON INFECTION OF SUNFLOWERS BY SCLEROTIUM BATATICOLA.
S B Mathur W E Sackston
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Sunflowers.
- 1257-68
A NEW BLACK SPOT OF CAULIFLOWER FROM INDIA.
J V Kachroo
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15 Dec 1963 1.9 P69P
Black spot (cauliflower), Cauliflower.
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Blueberries, Pratylenchus penetrans.
- 1260-68
PRECAUTIONS IN ISOLATING THIELAVIOPSIS BASICOLA WITH CARROT DISCS.
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Carrots, Thielaviopsis basicola.
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Immunization, Immunization.
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E H Barnes
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Grape vineyards, Topography.
- 1263-68
INCREASED SUSCEPTIBILITY TO ROOT ROT IN VIRUS INFECTED PEAS.
J D Farley J L Lockwood
Phytopathology 54(8):892
Aug 1964 464.8 P56
Peas, Plant disease resistance, Root rot (peas).
- 1264-68
INHERITANCE OF RESISTANCE TO TOBACCO RINGSPOT AND CUCUMBER MOSAIC VIRUS IN BLACK COWPEA CROSSES.
D J deZeeuw R A Crum
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Cowpeas, Mosaic (cucumbers), Ring spot (tobacco).
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Mosaic (tobacco), Tissue culture, Virulence, Viruses.
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Root rot (peas), Soil temperature, Thielaviopsis basicola.
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- 1268-68
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Drug therapy, Hydrazones, Leaf rust (wheat), Phenylhydrazine, Puccinia recondita, Puccinia recondita.
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Antigens, Black rot (sweetpotatoes), Immunochemistry, Sweetpotatoes.
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- 1272-68
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Bacterial spot (peaches), Dodine.
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R H Daines I A Leone E Brennan
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Black rot (sweetpotatoes), Heat, Plant disease control, Sweetpotatoes.
- 1274-68
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Culture media, Plant extracts, Roots, Weeds, Xanthomonas malvacearum.
- 1275-68
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Virus diseases (plants).
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Root knot (tomatoes), Meloidogyne incognita,
Root knot (tomatoes).
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Soil hydrogen-ion concentration.
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Peanuts, Pseudomonas solanacearum, Tobacco,
Pseudomonas solanacearum.
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Mosaic (tobacco), Nicotiana glutinosa, Nicotiana glutinosa.
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Corn, Foliar application, *Fusarium roseum f. cerealis*, *Fusarium roseum f. cerealis*.
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Fungi, Zoospores.
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Rust (safflower), Safflower.
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Strawberries, Pratylenchus penetrans.
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Oct 1960 79.8 W41

Chemical control (weeds), Cranberries, Simazine.

1760-68

SOIL-MOISTURE RETENTION AND SNOW-HOLDING CAPACITY AS AFFECT-
ED BY THE CHEMICAL CONTROL OF BIG SAGEBRUSH, (ARTEMISIA
TRIDENTATA NUTT.).

L W Sonder H P Alley

Weeds 9(1):27-35, TABS.

Jan 1961 79.8 W41

Chemical control (weeds), Snow, Soil moisture.

1761-68

COMPETITION OF ANNUAL WEEDS AND SUGAR BEETS.

P B Brimhall E W Chamberlain H P Alley

Weeds 13(1):33-35

Jan 1965 79.8 W41

Setaria viridis, Sugar beets, Setaria viridis.

1762-68

FLUTE-FEED APPLICATOR FOR GRANULAR HERBICIDES.

S W Bingham

Weeds 12(1):58-59

Jan 1964 79.8 W41

Herbicides.

30 LIVESTOCK PROTECTION

30 1785-68

- 1763-68
THE DISTRIBUTION OF THE VIRUS OF AUJESZKY S DISEASE IN EXPERIMENTALLY INFECTED SHEEP.
J B McFerran C Dow
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Apr 1964 41.8 R312
Sheep.
- 1764-68
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Chickens, Lead.
- 1765-68
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Food adulteration, Milk, Veterinary medicine.
- 1766-68
OXYGEN UPTAKE BY MATURING BOVINE PLACENTA.
E H Baird L E McDonald
Amer Vet Med Ass J 145(1):51
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Cattle, Placenta.
- 1767-68
OPEN TEAT SINUS SURGERY FOR CORRECTING TEAT OCCLUSIONS PART II. .
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- 1768-68
SENATOR HUMPHREY INTRODUCES BILL TO EXPAND VETERINARY MEDICAL FACILITIES.
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- 1769-68
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E W Hawk G D Turner J F Sykes
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- 1770-68
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G K Kiesel M J Burns
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Mar 1960 41.8 AM3A
Cattle, Iodine.
- 1771-68
BLOOD LEVELS OF SULFONAMIDES IN SWINE.
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- 1772-68
NATURE AND EFFECTS OF RADIOACTIVE FALLOUT ON THE FAHM.
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Farming, Radioactive contamination, Residues.
- 1773-68
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L Kemeny L E Drehle
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- 1774-68
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Cattle, Sodium selenite.
- 1775-68
CALCIUM AND PHOSPHORUS ABSORPTION AND ITS RELATIONSHIP TO GROWTH IN THE DOG.
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Calcium, Dogs, Phosphorus.
- 1776-68
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M I Hilmy N H Booth H V Unfug
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Electrocardiograms, Lambs, Phonocardiograms.
- 1777-68
A CRITICAL EVALUATION OF BEPHENIUM HYDROXYNAPHTHOATE AS AN ANTHELMINTIC IN 8 YEARLING HEREFORD CALVES.
A M Eisa R Rubin
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- 1778-68
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- 1780-68
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- 1781-68
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- 1782-68
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S K Jha W V Lumb R F Johnston
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- 1783-68
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- 1789-68
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- 1790-68
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Blood, Catheters, Insecticides, Sheep.
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A. And M. College Of Texas Dept. Of Veterinary Microbiology	1897	Arkansas Agricultural Experiment Station	1185
A. And M. College Of Texas, College Station	919 920	Arkansas Agricultural Experiment Station, Fayetteville	1617
A. R. C. Institute Of Animal Physiology, Babraham, Cambridge	1898 1899	Armed Forces Institute Of Pathology	1928
A. R. C. Institute Of Animal Physiology, Cambridge, England	1900	Armed Forces Institute Of Pathology Veterinary Pathology Division	1929
Abbott Laboratories, North Chicago, Ill.		Atlantic Christian College, Wilson, N. C.	1186
Amdal Co. Division	1901	Atomic Energy Commission	1772
Agricultural And Mechanical College Of Texas, College Stat.	1902	Division Of Biology And Medicine	2401
Dept. Of Veterinary Microbiology	1902	Auburn University	
Agricultural Experiment Station, Rehovot, Israel	2398	Auburn University	
Agricultural Experiment Station, University Park, N. Mex.		Dept. Of Animal Disease Research	1931
Dept. Of Botany And Entomology	1616	Auburn University	
Agricultural Research And Development Center, Wooster, Ohio		School Of Agriculture	2400
Institute Of Acarology		Auburn University	
Dept. Of Zoology And Entomology	797	School Of Veterinary Medicine	
Agricultural Research Center, Beltsville, Md.		Dept. Of Physiology And Pharmacology	1930
Agricultural Research Service		Auburn University	
Animal Husbandry Research Division		School Of Veterinary Medicine	
Dairy Cattle Research Branch	1769 1903	Dept. Of Small Animal Surgery And Medicine	2287
Agricultural Research Council, Babraham, Cambridge		Auburn University Agricultural Experiment Station	2329
Institute Of Animal Physiology	2539	Auburn University Agricultural Experiment Station, Alabama	
Agricultural Research Council, Compton, Berkshire		Botany And Plant Pathology Dept.	1681 1682
Field Station	1904	Auburn University, Ala	
Agricultural Research Council, Compton, Berkshire, England		School Of Agriculture	
Institute For Research On Animal Diseases	1905	Agriculture Experiment Station	1187
Agricultural Research Council, Edinburgh, U. K.		Auburn University, Ala.	921 1618
Poultry Research Centre	1906	Auburn University, Alabama	
Agricultural Research Station, Rehovot, Israel	1182	Alabama Extension Service	
1183		Dept. Of Botany And Plant Pathology	1619
Alabama Polytechnic Institute, Auburn		Auburn University, Alabama	
School Of Veterinary Medicine		Dept. Of Botany And Plant Pathology	2330
Dept. Of Animal Disease Research	1770	Auburn University, Auburn	
Alberta Dept. Of Agriculture, Edmonton, Canada		United States Dept. Of Agriculture	
Veterinary Laboratory	1907	Agricultural Research Service	
Amer. J. Vet. Res., 22, (Nov., 1961): 1069-1074	1908	Crops Research Division	2540
Amer. Journal Of Vet. Res., 22, (Nov., 1961): 1081-1084		Auburn University, Auburn, Ala.	
1909		Dept. Of Microbiology	1933
American cyanamid Co., Pearl River, N. Y.		Auburn University, Auburn, Ala.	
Lederle Laboratories Division	1910	Dept. Of Pathology And Parasitology	1932
American Cyanamid Co., Pearl River, N. Y.		Auburn University, Auburn, Alabama	
Lederle Laboratories	1911	Dept. Of Botany And Plant Pathology	2402
American Cyanamid Co., Pearl River, N. Y.		B. P. Bishop Museum, Honolulu, Hawaii	798
Lederle Laboratories		Bell Helicopter Company	2541
Viral And Rickettsial Research Section	1912 1913	Bishop Museum, Honolulu, Hawaii	799
American Cyanamid Co., Princeton, N. J.		Boyce Thompson Institute, Yonkers, N. Y.	849 1188
Agricultural Division	1914 2283	1189 1190 2348 2403	
American J. Vet. Res., 22, (July, 1961): 770-774	2347	Brooklyn Botanic Garden, N.Y.	2349
American Journal Of Veterinary Res., 23, (Jan., 1962):81-84		Bureau Of Sport Fisheries And Wildlife, La Crosse, Wis.	
2284		Fish Control Laboratory	1683
American Journal Of Veterinary Res., 23, (jan., 1962):15-20		C.S.I.R.O., div. Of Wildlife Research, Canberra, A.C.T.	
2285		1989	
American Journal Of Veterinary Res., 23, (jan., 1962):24-31		Cairo University	
1915		Faculty Of Veterinary Medicine	
American Journal Of Veterinary Res., 23, (jan., 1962):42-48		Dept. Of Pharmacology	2288
2286		Caldwell Branch Station, Idaho	1934
American Journal Of Veterinary Res., 23, (jan., 1962):49-57		California Dept. Of Agriculture	
1916		Bureau Of Plant Pathology	1191
American Journal Of Veterinary Res., 23, (jan., 1962):65-69		Cambridge University	
1771		Dept. Of Zoology	850
American Journal Of Veterinary Res., 23, (Jan., 1962):96-101		Canada Agriculture Research Station, Lethbridge, Alberta	
1917		Soils Section	1684
American Journal Of Veterinary Res., 23, (Jan., 1962):150-158		Canada Agriculture Research Station, Saskatchewan	
1918		Entomology Section	851
American Phytopathological Institute	1184	Canada Agriculture Research Station, Saskatoon, Sask.	
American Scientific Laboratories, Inc., Madison, Wis.		Entomology Section	852
Dept. Of Preventive Medicine	1919	Canada Agriculture Research Station, Saskatoon, Saskatchewan	1192
American Veterinary Medical Association		Canada Agriculture, London, Ontario	
Council On Public Health And Regulatory Veterinary Medicine	1920	Pesticide Research Institute	2404
American Veterinary Medicinal Association		Canada Agriculture, Saskatoon, Saskatchewan	
Council On Public Health And Regulatory Veterinary Medicine	1921	Research Station	853
Angell Memorial Animal Hospital, Boston, Mass.	1922	Canada Dept. Of Agriculture	
Animal Diseases Research Association, Glimerton, Edinburgh	1923	Entomology And Plant Pathology Section	1193
Animal Diseases Research Institute, Hull, P. Q.		Canada Dept. Of Agriculture	
Canada Dept. Of Agriculture		Research Branch	1935
Animal Pathology Laboratories		Animal Research Institute	
Health Of Animals Division	1924	Canada Dept. Of Agriculture	
Animal Health And Nutrition Laboratory, Perth, Australia	1925	Research Station, Winnipeg, Manitoba	2405
1926		Canada Dept. Of Agriculture, Belleville	
Animal Medical Center, N. Y., N. Y.	1927	Entomology Research Institute For Biological Control	
Animal Medical Center, New York		2543	
Annamalai University, Annamalainagar, Madras State, India		Canada Dept. Of Agriculture, Belleville	
Dept. Of Agriculture		Entomology Research Institute For Biological Control	
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Entomology Research Inst. For Biological Control	2547	Central Veterinary Laboratory	1938 1939	1940
Canada Dept. Of Agriculture, Bellville, Ontario		Central Veterinary Laboratory, Weybridge		1942
Research Branch		1943 1944		
Entomology Research Institute For Biological Control		Chas. Pfizer And Co., Inc., Terre Haute, Ind.		1945
2545 2546		Chas. Pfizer And Co., Inc., Terre Haute, Indiana		
Canada Dept. Of Agriculture, Chatham Ontario		Dept. Of Biologics Research		1946
Entomology Laboratory	1194	Chemical Control Section, Ottawa, Canada		2551
Canada Dept. Of Agriculture, Edmonton, Alberta		Chemical Control Section, Ottawa, Ontario		2351
Research Branch		Ciba Pharmaceutical Company, Summit, N. J.		1947
Laboratory Of Plant Pathology	1195	Clemson College		
Canada Dept. Of Agriculture, Fredericton, N. B.		Dept. Of Botany And Bacteriology		1621
Research Branch		Clemson College Livestock Sanitary Dept.		2352
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Entomology And Plant Pathology Section	803	Dept. Of Botany And Bacteriology		1199
Canada Dept. Of Agriculture, Fredericton, N. B.		Clemson College, S. Car.		
Research Station		Livestock-Poultry Health Dept.		1948
Entomology And Plant Pathology Section	804	Coastal Plain Experiment Station, Tifton, Ga.		1200
Canada Dept. Of Agriculture, Fredericton, New Brunswick		College Of Animal Husbandry, Lahore, Pakistan		1949
Research Station		Colorado Serum Co., Denver		1773
Plant Pathology And Entomology Section	1594	Colorado Stae University		
Canada Dept. Of Agriculture, Guelph, Ontario		College Of Veterinary Medicine		1950
Research Branch		Colorado State University		1202
Entomology Laboratory	2278	Colorado State University		
Canada Dept. Of Agriculture, Harrow, Ontario		College Of Veterinary Medicine	1774 1775	1952
Research Branch		2289 2290		
Research Station	805	Colorado State University		
Canada Dept. Of Agriculture, Hull, Quebec		College Of Veterinary Medicine		
Animal Diseases Research Institute		Dept. Of Clinics And Surgery		1951
Health Of Animals Branch	1936	Colorado State University		
Canada Dept. Of Agriculture, Hull, Quebec		College Of Veterinary Medicine		
Animal Diseases Research Institute		Dept. Of Physiology		1776
Health Of Animals Branch		Colorado State University		
Animal Pathology Division	2320	Oregon State University		1201
Canada Dept. Of Agriculture, Kentville, N. S.		Colorado State University, Fort Collins		
Research Station	806	College Of Veterinary Medicine		1954
Canada Dept. Of Agriculture, Kentville, Nova Scotia		Colorado State University, Fort Collins		
Research Station	807	College Of Veterinary Medicine	1777	1953
Canada Dept. Of Agriculture, Kentville, Nova Scotia		Colorado State University, Fort Collins		
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Canada Dept. Of Agriculture, Kentville, Nova Scotia		1688 2353		
Research Station	857	Colorado State University, Ft. Collins		
Canada Dept. Of Agriculture, Lethbridge, Alberta		Dept. Of Botany And Plant Pathology		1205
Animal Diseases Research Institute (Western)		Commonwealth Bureau Of Helminthology, St. Albans		1955
Health Of Animals Division	1937	Commonwealth Institute Of Biological Control		905
Canada Dept. Of Agriculture, London, Ontario		Compania Banaanera De Costa Rica, Coto		
Pesticide Research Institute		Research Dept.	1206	1207
University Sub Post Office	1685	Connecticut Agricultural Experiment Station, New Haven		
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Canada Dept. Of Agriculture, Ottawa, Ontario		Dept. Of Vegetable Crops		2407
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Entomology Research Institute		Cornell University, Ithaca, N Y		
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Canada Dept. Of Agriculture, Saskatchewan		Dept. Of Plant Pathology		
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Research Station		Cornell University, Ithaca, N. Y.		
University Sub Post Office	2350	Dept. Of Entomology		817
Canada Dept. Of Agriculture, Sault Ste. Marie, Ontario		Cornell University, Ithaca, N.Y.		2553
Insect Pathology Research Institute	859	Cornell University, Ithaca, New York		
Canada Dept. Of Agriculture, St. Jean, Quebec		New York State Veterinary College		
Research Branch		Dept. Of Pathology And Bacteriology		1956
Research Laboratory	860	Cornell University, Ithaca, New York		
Canada Dept. Of Agriculture, St. Jean, Quebec		New York State Veterinary College		
Research Branch		Dept. Of Physiology		1957
Research Section	2549	Cornell Univesity, Riverhead, N. Y.		
Canada Dept. Of Agriculture, St. Jean, Quebec		Long Island Vegetable Research Farm		922
Research Branch		Cotton Research Center, Temple, Ariz.		
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Canada Dept. Of Agriculture, Summerland, British Columbia				
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Dept. Of Agriculture, Edmonton, Alberta, Canada		Harvard University Medical School, Boston, Mass.	
Veterinary Services Branch	2554	Pathology Dept.	2292
Dept. Of Botany		Harvard University, Cambridge, Mass.	
University Of California, Davis	2517	The Biological Laboratories	877
Dept. Of Forestry, Ottawa		Heisoorf + Nelson Farm, Inc. Redmond, Washington	1974
Statistical Research Service	863	Hess And Clark Research Laboratory, Ashland, Ohio	1975
Dept. Of Forestry, Victoria, British Columbia		High Point High School, Beltsville, Md.	
Forest Entomology And Pathology Laboratory	864	Dept. Of Biology	2410
Dept. Of Health For Scotland.	1958	Horticultural Crops Research Station, Castle Hayne, N. C.	
Dept. Of Health, Education And Welfare		1232	
Public Health Service		Houghton Poultry Research Station, England	1975
Bureau Of State Services		Houghton Poultry Research Station, Houghton, Huntingdonshire	
Communicable Disease Center, Atlanta, Ga.	1959	2520	
Dept. Of Health, Education, And Welfare		Idaho Agricultural Experiment Station	1233 2354
Public Health Service		Idaho Agricultural Experiment Station, Moscow	1234
Bureau Of State Services		Idaho Agricultural Experiment Station, Parma	1692
Communicable Disease Center, Chamblee, Ga.	1960	Illinois Natural History Survey, Urbana	1235
Dept. Of Health, Education, And Welfare		Illinois Natural History Survey, Urbana	
U. S. Public Health Service, Bethesda, Md.		Section Of Economic Entomology	1595
National Inst. Of Arthritis And Metabolic Diseases	865	Illinois State Natural History Survey, Urbana	878
Dept. Of National Health And Welfare, Ottawa, Ontario		879	
Food And Drug Laboratories		Imperial Chemical Industries Ltd., Alderley Park, Cheshire	
Animal Pathology Section	1961	Pharmaceuticals Division	1977
Dept. Of Nematology		Indian Council Of Agricultural Research, Kanpur	
University Of California, Riverside	1627	Regional Research Center (oilseeds And Millets)	1237
Dept. Of Veterinary Sciences, Kenya	1962	Indian Council Of Agricultural Research, Kanpur	
Detroit, Michigan	1778	Regional Research Centre (oilseeds And Millets)	1236
Diamond Laboratories, Des Moines, Iowa		Indian Veterinary Research Inst., Izatnagar, U. P., India	
Dept. Of Biological Research	1963	Disease Investigation Station	1978
Dow Chemical Co., Midland, Mich.		Insect Pathology Research Institute, Sault Ste. Marie, Ont.	
Chemicals Laboratory	1220	880	
Duck Research Lab, Eastport, Long Island, New York	1964	Insect Pathology Research Institute, Sault Ste, Marie, Ont.	
Duke University, Durham, N. C.		826	
School Of Forestry	1221	Inst. For Tropical And Protozoan Diseases, Utrecht	1979
East African Veterinary Res. Org., Mugaga, Kikuyu, Kenya	1965	Institute For Medical Research, Kuala Lumpur, Malaya	906
1966		Instituto Biologico, Sao Paulo, Brazil	
East African Veterinary Res. Org., Mugaga, Kikuyu, Kenya		Section Of Plant Physiology	1238
1966		Instituto Nacional De Investigaciones Agricolas, Mexico	
Eli Lilly And Company, Greenfield, Ind.	1967	1239	
Entomology Research Division, Tifton, Ga.	1222	Instituto Nacional De Tecnologia Agrospecuaria, Chaco, Arg.	
Faculty Of Veterinary Medicine, Giza, Cairo	1968	Estacion Experimental Agrapecuaria	1980
Federal Dept. Of Veterinary Research, Vom, Nigeria	1970	Instituto Venezolano De Investigaciones Cientificas, Caracas	
Federal Dept. Of Veterinary Research, Vom, Nigeria		Departamento De Virologia	1240
Animal Production Division	1969	Inter-African Bur. For Animal Health, Mugugu, Kenya	1981
Federal Experiment Station, Mayaguez, Puerto Rico	1223	Inter-American Inst. Of Agricultural Sciences, Turrialba	
Florida Agricultural Experiment Station	1224	1241	
Florida Agricultural Experiment Stations, Leesburg		International Paper Company, Bainbridge, Ga.	
Watermelon And Grape Investigations Laboratory	1225	Southlands Experiment Forest	1242 1243
Florida Agriculture Experiment Station, Gainesville, Fla.		Iowa Agricultural And Home Economics Expt. Station, Ames	
1226		Dept. Of Botany And Plant Pathology	1693
Florida Dept. Of Agriculture, Winterhaven		Iowa State University	1694
Division Of Plant Industry	1227	Iowa State University	
Food And Agricultural Organisation, Rome	1971	Dept. Of Botany And Plant Pathology	1244 2411
Food And Agricultural Organisation, Rome.	1972	Iowa State University	
Food And Agriculture Organization, Rome, Italy		Veterinary Medical Research Institute	1982 1983
Plant Production And Protection Division	1228	Iowa State University Of Science And Technology	
Forest Biology Laboratory, Quebec, Canada	818	College Of Veterinary Medicine	
Forest Biology Laboratory, Victoria, British Columbia	866	Veterinary Medical Research Institute	1984
867		Iowa State University Of Science And Technology, Ames	
Forest Biology Laboratory, Winnipeg, Manitoba, Canada		Veterinary Medical Research Institute	1985
867		Iowa State University, Ames	1245
Forest Disease Laboratory, Gulfport, Miss.	1229	Iowa State University, Ames	
Forest Entomology And Pathology Laboratory, Calgart, Alberta	819	Midwest Interprofess. Sem. On Dis. Common To Man And Animals	
820		1986	
Forest Entomology And Pathology Laboratory, Calgary, Alberta	820 821 868	Iowa State University, Ames	
822 823 869		Veterinary Medical Research Institute	1987
Forest Entomology Laboratory, Winnepeg, Manitoba	824	Israel Institute For Biological Research, Ness Ziona	1988
870		Istituto Superiore di Sanita, Rome	881
Forest Insect Laboratory, Sault Ste. Marie, Ont.		J. Anim. Sci., 21, (May, 1962):209	1990
Forest Research Laboratory, Quebec, P. Q.	871	Jewish Hospital, Cincinnati, Ohio	
Forest Insect Laboratory, Sault Ste. Marie, Ontario	825	Clinical Laboratories	1991
Forest Insect Laboratory, Sault Ste. Marie, Ontario, Canada	872 873	Journal Of Comp. Pathology, 72, (April, 1962): 131	1992
874		Journal Of Dairy Science, 45, (April, 1962):547	1993
Forest Research Laboratory, Sillery, Quebec, P. Q.	875	Kanazawa University, Japan	
876		Dept. Of Biology	882
Ft. Detrick, Maryland		Kansas State University	
Dept. Of Plant Physiology	1689	Dept. Of Zoology	2293
Geigy Chemical Corporation, Basle, Switzerland	1690	Kansas State University Manhattan	
Georgia Dept. Of Agriculture, Tifton		Kansas Agricultural Experiment Station	
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Georgia Experiment Station, Experiment		Kansas State University, Manhattan, Kans.	
Dept. Of Plant Pathology	1231	Kansas Agricultural Experiment Station	
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Dept. Of Animal Husbandry And Veterinary Preventive Medicine	2518 2519	Kentucky Agricultural Experiment Station, Lexington	2294
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Good Samaritan Hospital, Suffern, New York	1973	Dept. Of Animal Pathology	1994 2295
		Kentucky State Dept. Of Health, Louisville	1995
		Kerrville, Texas	
		Animal Disease And Parasite Research Division	1996

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1997					Ministry Of Animal Resources, Khartoum, Sudan		
Kwame Nkrumah University Of Science And Technology, Ghana					Veterinary Research Division		2017
1998					Minnesota Agricultural Experiment Station, St. Paul		2018
Kwame Nkrumah University, Kumasi, Ghana					Mississippi State University		
School Of Agriculture					Dept. Of Plant Pathology And Physiology		1267
Veterinary Section				1999	Mississippi Agricultural Experiment Station, Stoneville		
Lab. For Anim. Physio. Of The Agric. Univ. Col., Netherlands					1697		
Agric. Bur. Of The Neth. Nitrogenous Fertilisers Industry.					Monsanto Chemical Company, St. Louis, Missouri		2523
2000					Monsanto Chemical Company, St. Louis, Mo.		1268
Laboratories Serva, S. A. Madrid 51, Mexico				2001	Monsanto Europe, Brussels, Belgium		
Live Stock Sanitary Service Laboratory, Salisbury, Md.					Manager Of Agricultural Products		1698
2002					Montana State College		
Louisiana State Univerity, Baton Rouge					Agricultural Experiment Station		
Louisiana State University	2414	2415	2416	1246	Montana Veterinary Research Laboratory		2019
2522				2521	Montana State College		
Louisiana State University					Montana Veterinary Research Laboratory		2020
Dept. Of Plant Pathology				1247	Montana State College Agricultural Experiment Station		
Louisiana State University					Montana Veterinary Research Laboratory		2021
Dept. Of Veterinary Science				2004	Montana State College, Bozeman		
Louisiana State University					Agricultural Experiment Station	2022	2023
Louisiana Agricultural Experiment Station					Montana State University, Bozeman, Mont.		
Dept. Of Veterinary Science				2003	Dept. Of Zoology And Entomology		883
Louisiana State University					Montana Veterinary Research Laboratory		1783
North Louisiana Hill Farm Experiment Station				1695	Moredun Institute Gilmerton, Edinburgh		
Louisiana State University					Animal Diseases Research Association		2024
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Louisiana State University, Baton Rouge			1250	1253	Animal Diseases Research Association		
1254 1255 2417 2418					Dept. Of Parasitology		2025
Louisiana State University, Baton Rouge					N. Y. State Veterinary College At Cornell Univ., Eastport		
Dept. Of Botany				1249	Dept. Of Avian Diseases		
Louisiana State University, Baton Rouge					Duck Research Laboratory		2026
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Louisiana State University, Baton Rouge					Faculty Of Agriculture		
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Louisiana State University, Baton Rouge					Nagoya University, Anjo, Aichiken, Japan		
Louisiana Agricultural Experiment Station				1252	Faculty Of Agriculture		
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Dept. Of Biological Sciences				2296	National Animal Disease Laboratory, Ames, Iowa		
MacDonald College, Quebec				1256	Diagnostic Services		2279
Maharashtra Association For The Cultivation Of Science					National Animal Disease Laboratory, Ames, Iowa		
Biological Laboratories, Poona, India					Pathology Section		
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Maharashtra Association For The Cultivation Of Science.					National Association Of Artificial Breeders, Columbia, Mo.		
Biological Laboratories, Poona, India					1784		
Dept. Of Mycology And Plant Pathology				1258	National Institute For Agricultural Research, Quito, Ecuador		
Maine Agricultural Experiment Station, Orono				1259	Plant Pathology Dept.		1270
Makerere College, Kampala, Uganda					National Institute Of Animal Health, Kodairamachi		2028
Depts. Of Veterinary Physiology And Med. Pharmacology.				2005	National Institute Of Health		
2005					Division Of Research Studies		
Manila, Philippine Islands				2297	Laboratory Aids Branch		
Maryland Agricultural Experiment Station, College Park					Comparatives Pathology Section.		2298
Dept. Of Agronomy				2420	National Institute Of Health		
Massachusetts Institute Of Technology, Cambridge					Rhode Island Experiment Station		2029
Dept. Of Nutrition And Food Sciece				2355	National Jewish Hospital At Denver, Colo.		
Mcdonald College, Quebec				827	Division Of Research And Laboratories		2030
Medical College Of Virginia, Richmond				2006	National Veterinary College, Alfort, France		2031
Merck Sharp And Dohme, West Point, Pa.					National-University Inst. Of Agriculture, Rehovot, Israel		
Biological Development And Control Laboratories				2007	Seed Research And Testing Division		1271
Michigan State University				2010	New Jersey Agricultural Experiment Station, New Brunswick		
Michigan State University					1272		
Dept. Of Botany And Plant Pathology			1260	1261	New Jersey Agricultural Experiment Station, New Brunswick		
Michigan State University					Dept. Of Plant Pathology		1273
Dept. Of Botony And Plant Pathology				1262	New Mexico Institute Of Mining And Technology, Socorro		
Michigan State University					Dept. Of Biology		828
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Michigan State University					New Mexico State University		
Dept. Of Microbiology And Public Health			2008	2009	Dept. Of Botany And Entomology		1274
Michigan State University					New York Agricultural Experiment Station, Geneva		1275
Dept. Of Veterinary Pathology				1780	1276		
Michigan State University					New York State Agricultural Experiment Station, Geneva		
School Of Veterinary Medicine.				1779	1278		
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Michigan State University, East Lansing					New York State Agricultural Experiment Station, Geneva		
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2421 2422					New York State College Of Agriculture		
Michigan State University, East Lansing					Division Of Bacteriology		2032
Dept. Of Microbiology And Public Health				2011	New York State Veterinary College		
Michigan State University, East Lansing					Dept. Of Medicine And Obstetrics		
Dept. Of Surgery And Medicine				1782	New York State Mastitis Control Program		2331
Mid-continent Aerial Sprayers, Hayti, Mo.				2555	New York State Veterinary College, Eastport, Long Is., N. Y.		
Ministry Of Agric., Fisheries And Food, Cambridge					Duck Disease Research Laboratory		2033
Veterinary Investigation Service				2012	New York State Veterinary College, Ithaca		
Ministry Of Agriculture For Northern Ireland, Stormont					Dept. Of Avian Diseases	2034 2036	2037
Veterinary Research Division				2013	New York State Veterinary College, Ithaca		
Ministry Of Agriculture, Lasswade, Midlothian					Dept. Of Pathology And Bacteriology		2035
Fisheries And Food Laboratories				2014	New York State Veterinary College, Ithaca, N. Y.		
Ministry Of Agriculture, Stormont, Belfast					Dept. Of Pathology And Bacteriology		2038
Veterinary Research Division				2015	Nippow Institute For Biological Sciences		2039
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2044			Pitman-Moore Company, Indianapolis, Ind.		
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