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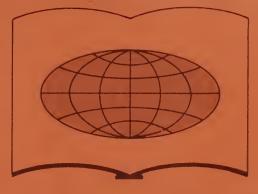
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These issues of the <u>Pesticides Documentation Bulletin</u> introduce a new computer generated current awareness service. Through the Pesticides Information Center's Update, Publication and Search (PICUPS) system, a categorized bibliographic citation file, accompanied by subject, author, organization and biographical indices will be issued bi-weekly.

All elements of the citations maintained in this mechanized file system are searchable by computer. In addition to the printed subject descriptors appearing in the <u>Bulletin</u>, other subject descriptors are incorporated in the tape file system as machine searchable but non-printable items. In the early issues some of these subject terms appear in the <u>Bulletin</u> as duplications. These duplications will be eliminated in later programs.

Since retrospective information was not previously published in searchable form, the next several issues of the <u>Bulletin</u> will contain selected coverage of pest control literature issued between 1960 and 1966. Additional retrospective material will be incorporated in future bulletins through the special bibliographies prepared by the Center. Current pest control literature will receive comprehensive coverage. Future expansion will include selected abstracts when such abstracts appear in the source document.

Recipients of this introductory issue are invited to send their comments and suggestions for its improvement to the U.S. Department of Agriculture, National Agricultural Library, Pesticides Information Center, 4112-Auditors Building, Washington, D. C. 20250. These comments together with computer produced statistical analyses will provide the bases for future changes.

Blanche L. Oliver

Blanche L. Oliveri Acting Director National Agricultural Library

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PESTICIDES DOCUMENTATION BULLETIN

A BI-WEEKLY PUBLICATION OF

U. S. DEPARTMENT OF AGRICULTURE

Volume 4

May 10, 1968

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OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the Pesticides Information Center, the first of its kind to be established within a national library, It is a bi-weekly index to the literature on pests and their control and the impact on the economy and man's total environment. The index includes literature on diseases, insects, nematodes, parasites, weeds, and other pests affecting plants, animals, man, our natural resources, and other values in man's environment. Literature on biological, chemical, cultural ecological, mechanical, and integrated methods of pest control will be included. Special emphasis is given to the literature on the toxicological, physiological and epidemiological aspects of pests and their control by chemical and nonchemical methods.

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> 10 Entomology Crop Protection 20 30 Livestock Protection 40 Commodity Protection 50 Environmental Contamination 55 Residues Toxicology 60 65 Plant Physiology & Biochemistry 70 Chemistry 80 Engineering 90 Industry

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective effort.

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Fusarium, Sweetpotatoes, Virulence, Wilt (sweetpotatoes). Mar 1967 464.8 P56 11772-68 EFFECT OF STAGE OF OEVELOPMENT CF WINTER WHEAT ON INFECTION 11783-68 BY TILLETIA CONTROVERSA. J A Hoffmann L H Furdy COATS. Phytopathclogy 57(4):410-413 Apr 1967 464.8 P56 Plant physiology, Stinking smut (wheat). 11773-68 A REVISED CLASSIFICATION OF PATHOGENIC BACES OF TILLETIA 11784-68 CCNTFCVERSA. J A Hoffmann E L Kendrick R J Metzger Phytogathology 57(3):279-281 Mar 1967 464.8 P56 Stinking smut (wheat). 11774-68 ADDITIONAL SOURCES OF CHLOROTIC-LESION RESISTANCE TO 11785-68 HELMINTHCSFORIUM TURCICUM IN COEN. A L Hooker H M Bilu D R Wilkinson C G Van Dyke Plant Dis Kep 48(10):777-780 15 Oct 1964 1.9 P69P Chlorosis (corn), Corn, Plant disease resistance. 11775-68 11786-68 PROST SUSCEPTIBILITY IN CORN INCREASED BY LEAF BLIGHT INFECTICNS. P E Hoppe D C Arny J W Martens Plant Dis Rep 48(10):815-81615 Cct 1964 1.9 P69P Corn, Frost, leaf blight (corn), Plant injuries. 11776-68 Saccharin. 1776-68 CCAT FRCTEINS OF STRAINS OF TWO RNA VIBUSES: COMPARISON OF THEIR AMINO ACIO SEQUENCES. B Ittmann-liebold H G Wittman Z Vererbungslehr 100(4):356-363 REF 1967 442.8 Z34 11787-68 Amino acids, Bacteriophages, Mosaic (tohacco), Proteins, Rna viruses. Abstract 11777-68 11788-68 EFFECTS OF PREPLANTING SOIL TBEATMENTS ON PEANUT LOSSES AND REOUCTION OF FOD MYCOFLCBA IN GEOBGIA. C R Jackson Plant Dis Rep 51(6):461-464 Jun 1967 1.9 F69P Georgia, Peanuts, Fentachloronitrohenzene, Soil fungi. 11789-68 11778-68 1778-68 COMPARISON OF TECHNIQUES FOR DETECTION OF PSEUDOMONAS SOLANACEARUM IN ARTIFICIALLY INFESTED SOILS. S F Jenkins Jr D T Morton P D Dukes Phytopathclogy 57 (1):25-27 Jan 1967 464.8 P56 Soil analysis, Soil hacteria. 11790-68 11779-68 PHENOLASE ACTIVITY IN NICOTIANA GLUTINOSA INFECTED WITH TOBACCO MOSAIC VIRUS. V T John M Weintrauh Phytogathology 57(2):154-158 Peb 1967 464.8 P56 Mosaic (totacco), Phenolases, Plant physiology, Tobacco. 11791-68 11780-68 PROFESSION OF FUNCTIONS OF FUNCTIONS ON APPLE SCA8 LEAF IESICAS ON FERVIOUSLY UNSPRAYED TREES. R K Jones J W Heuberger J O Bates Agr Cher 19(6):71 Jun 1964 381 AG8 Captan, Dodine, Folpet. 11792-68 11781-68 DETECTION OF FOTATC VIRUSES X, M, AND S IN DORMANT POTATC TUEERS BY THE BENTONITE FLOCCULATION TEST. R P Kahn H A Scott J Bozicevich M M Vincent Phytogathclogy 57(1):61-65 Jan 1967 464.8 P56 Sentonite, Virus m (potatoes), Virus s (potatoes), B G Krerill Virus x (potatoes). 11782-68 PBOTEASE OF PSEUDOMONAS LACHBYMANS IN RELATION TO COCUMBEB ANGULAR LEAF SPOT. N T Keen P H Williams J C Walker Phytopathology 57(3):263-271

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Crown rust (avena sterilis), Mosaic (oats), Oats.

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English summary

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Aldrin, Elateridae, Reptachlor, Legnmes, Lindane.

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SOUFCES OF WEED INFESTATION IN CRANBERRY FIELDS.

W A Skrocb M N Dana

Weeds 13(3):263-267, 5 REFS., 3 TABS.

Jul 1965 79.8 W41

Agrostis Scabra, Carex chordorhiza, Cranberries,

Hypericum boreale, Integrated control (weeds),

Juncus brevicaudatus, Leersia oryzoides, Ludwigia polycarpa,

Mollugo verticillata, Polygonum hydropiper,

Scirpus atrovirens, Viola lanceolata.
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Arthropods

12057-68 RUELENE ADMINISTERED FREE-CHOICE IN A MINERAL MIXTORE FOR CATTLE GRDB CONTROL. P H Kohler W M Rogoff J Econ Entomol 54(2):278-279 Apr 1961 421 J822 utyl-2-chlorophenyl methyl methylphosphoramidate, 4-tert-, Cattle, Feed additives, Hypoderma, Ruelene. 12058-68 A COMPARISON OF DIMETHOATE ADMINISTERED AS AN INJECTION ANU IN SUPPLEMENTAL FEED FOR CONTROL OF CATTLE GROBS. W C Marquardt S A Lovelace J Econ Entomol 54 (2):252-254 1961 421 J822 Apr Calves, Dimethoate, Feed, Rypoderma, Injections. 12059-68 TOXICITY TO HOUSE FLY LARVAE OF DROPPINGS FROM CHICKS ADMIN-ISTERED INSECTICIDES IN FEED, WATER, AND AS SINGLE ORAL DOSAGES. M Sherman E Ross J Econ Entomol 54(3):573-578, 7 REPS. Jun 1961 421 J822 Bayer 25141, Carbaryl, Chicks, Coumaphos, Dichlorvos, Dimethoate, Dioxathion, Peces, Peed, Fenthion, Heptachlor, Kepone, Larvae, Musca domestica, Toxicology, Water.

Parasites

1206D-6B SEPEDON MACROPUS (DIPTERA: SCIONYZIDAE) INTRODUCED INTO HAWAII AS A CONTROL FOR THE LIVER PLDKE SNAIL, LYMNEAEA OLLULA. Q C Chock C J Davis # Chong J Econ Entomol 54(1):1-4 Feb 1961 421 J822 Animal vectors, Biological control (pests), Cattle, Fasciola gigantica, Lymneaea ollnla, Pseudosnccinea colnmella, Sepedon macropis, Snails. 12061-68 CARBON DISDLFIDE TREATMENT FOR BOTS AND ASCARIDS IN HORSES. G Danelius Cornell Vet 52(1):16-20 Jan 1962 41.B C&1 Ascaris, Carbon disulfide, Horses, Oestridae. 12062-68 LUG2-05 HELMINTHS OF POULTRY IN KANSAS. C F Dixon M F Hansen Poultry Sci 44(5):1307-1315 Sep 1965 47.8 AM33P Chickens, Helminthiasis, Turkeys. 12063-68 TAPEWORN CONTROL PROGRAMS FOR BROILER FLOCKS. W M Reid P Harris H Botero J B Lal Poultry Sci 44(5):1409 Sep 1965 47.8 AM33P Cestoda, Chickens. 12064-68 PREVALENCE OF COCCIDIA AND GASTROINTESTINAL NEMATODES IN BEEP CATTLE IN ILLINOIS AND THEIR RELATION TO SHIPPING FEVER. J Szanto R N Mohan N D Levine Amer Vet Hed Ass J 144(7):741-746, 1B REFS., 3 TABS. 01 Apr 1964 41.8 AM3 Beef cattle, Coccidiosis, Nematodes, Shipping fewer.

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12065-68 LARVAL DEVELOFMENT OF CECAL WORM HETERAKIS GALLINARUM IN CHICKENS. R D Vatne M F Hansen Poultry Sci 44(4):1079-1085, 20 REFS., 4 TABS. Jul 1965 47.8 AM33P Cecal worms, Chickens.

40 COMMODITY PROTECTION **Storage Diseases**

12066-68 2066-68 SORPTION OF SULFUR DIOXIDE BY LATHAM RED RASPGERRIES AND THEIR CONTAINERS. R A Cappellini Z Eyal Plant Dis Rep 48 (11):879 15 Nov 1964 1.9 P69p Absorption (biological), Raspberries, Sulfur dioxide. 12067-68 INVESTIGATION OF POSSIBLE CORRELATION OF HOT-WATER WASHING WITH EXCESSIVE STORAGE DECAY IN COASTAL CALIFORNIA LEMON PACKING HOUSES. P R Harding D C Savage P R naturny D C Sarage Plant Dis Rep 48 (10):808-810 15 Oct 1964 1.9 P69P California, Cleaning, Heat, Lemons, Storage diseases, Water. 12068-68 GERMINATION OF STORED PEANUT SEED AND SEEDLING EMERGENCE AS RELATED TO SOME SEED-TREATMENT FUNGICIDES. C 8 Jackson Plant Dis Rep 48(10):821-822 15 Oct 1964 1.9 P69P Peanuts, Seed germination, Seedlings, Seeds, Stored products.

Arthropods

12069-68

FATE OF APPLE MAGGOT AND PLUM CURCULIO LARVAE IN APPLE FRUITS HELD IN CONTROLLED ATMOSPHERE STORAGE. E H Glass P J Chapman R M Smock J Econ Entomol 54(5):915-918, 8 REPS. Aug 1961 421 J822

Apples, Constrachelus, Maggots, Plums, Rhagoletis, Stored products.

12070-68

2070-68 RESIDUES OF PHOSDRIN ON ALFALFA AND ITS EFFECTIVENESS ON THE INSECT COMPLEX. E W Huddleston G G Gyrisco J Econ Entomol 54 (1):209-210 Feb 1961 421 J822 Accurtheningan pictur Alfalfa, Borago plants, Hoptachlar

Acyrthosiphon pisum, Alfalfa, Forage plants, Heptachlor, Insecticide residues.

50 ENVIRONMENTAL CONTAMINATION

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