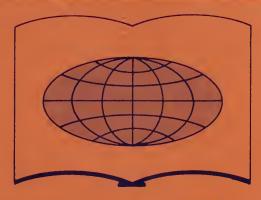
Pesticides DOCUMENTATION BULLETIN

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Volume 5 December 26, 1969 Number 26

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ANNOUNCEMENT

Publication of the <u>Pesticides Documentation Bulletin</u> is being discontinued upon completion of Volume 5, 1969, for budgetary reasons.

Users of the <u>Pesticides Documentation Bulletin</u> may wish to refer to the following publications for coverage of the <u>pesticides</u> literature:

<u>Current Contents</u>, Agricultural, Food & Veterinary Sciences, Institute for Scientific Information, Philadelphia

Biological Abstracts, Philadelphia

Chemical Abstracts, Columbus, Ohio

Health Aspects of Pesticides, USPHS, Communicable Disease Center, Atlanta, Georgia

JOHN SHERROD, Director

National Agricultural Library

PESTICIDES DOCUMENTATION BULLETIN

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

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

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

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In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested

Company furnishing the compound

Author or Investigator

Test Sponsor

Date

Location

Mode of Application

Rates of Application

Soil Types

Carriers

Crops or Weeds tested with phytotoxicity ratings

Associated documentation

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ACKNOWLEDGMENT

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Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

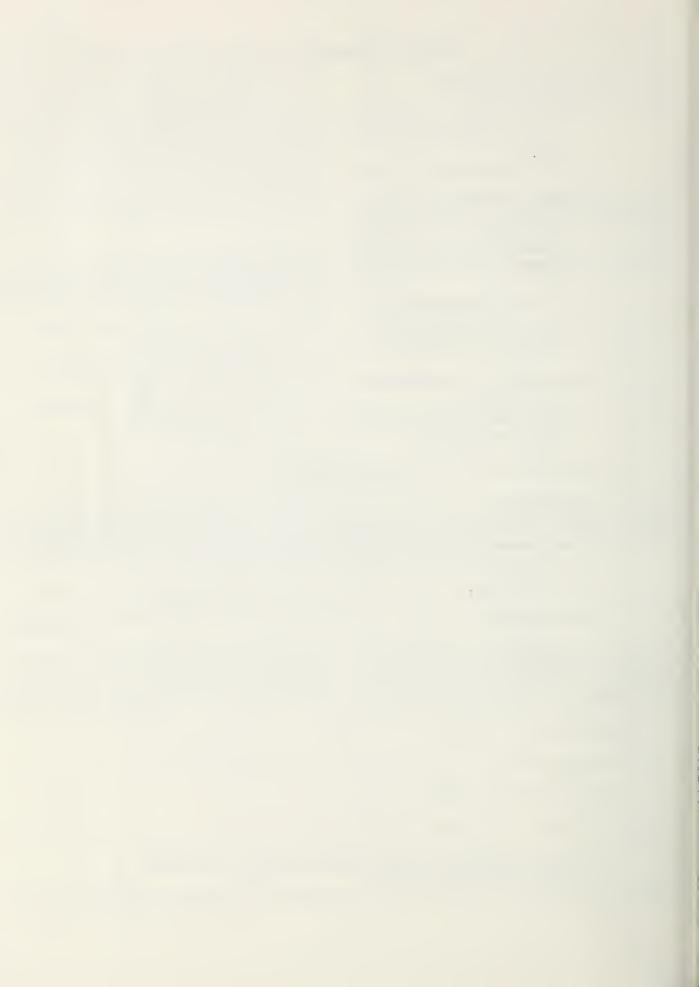
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^{*}This issue does not contain citations under this category.



BIBLIOGRAPHY

ENTOMOLOGY

SYSTEMATICS

15309-69

THE TRUE TAXONOMIC IDENTITY OF A MOTII KNOWN AS ROSQUILLA NEGRA, A MOST DISTRUCTIVE PLAGUE ON OUR CROPS WHICH CORRESPONDS TO THE SCIENTIFIC NAME OF SPODOPTERA LIT-TORALIS (B., 1833) (LEP. NOCTUIDAE) (LAM. V.). (SP)

R Agenjo

Graellsia 23(JAN-DEC):159-170 MAP

Dec 1967 421 G75

Insect biology, Insect taxonomy, Spodoptera, Zoogeography.

15310-69

LYCIA HIRTARIA (CL., 1759, A GEOMETRIDAE NOT YET IDENTIFIED ON ALL SPANISH BLACK POPLAR TREES. (LEP. GEOMETRIDAE). (PART VIII.). (SP)

R Agenjo

Graellsia 23(JAN-DEC):207-214 MAP REF

Dec 1967 421 G75

Geometridae, Insect taxonomy, Surveys, Zoogeography.

15311-69

OF CAPTURES SECTION (LEPIDOP-TERA)(PART IV). (SP)

R Agenjo

Graellsia 23(JAN-DEC):15-26

Dec 1967 421 G75

Insect taxonomy, Lepidoptera, Zoogeography.

NEW MESOSTIGMATID MITES FROM PAKISTAN WITH KEYS TO GENERA AND SPECIES.

D M Alfred

J Med Entomol 6(3):219-244 REF

Aug 1969 421 J828

Insect taxonomy, Mesostigmata, Surveys, Zoogeography.

15313-69

A TAXONOMIC SYNOPSIS OF THE TRIBE LO-RICERINI (COLEOPTERA: CARABIDAE).

G E Ball T L Erwin

Can J Zool 47(5):877-907 MAP REF

Sep 1969 470 C16D

Carabidae, Insect evolution, Insect taxonomy, Zoogeography.

THE NEW HERMONASSA WLK-SPECIES FROM DR. H. HONE'S CHINESE-CROP. (GE)

C Boursin

Wien Entomol Ges Z 52(1):24-38

15 Mar 1967 421 OS7

Hermonassa, Insect ecology, Insect taxonomy, Moths, Noctuidae, Reproductive organs.

15315-69

ENDOPARASITIC CHIGGERS: V. NEW GENERA, SPECIES AND RECORDS FROM VENEZUELA AND BRAZIL (ACARINA: TROM-BICULIDAE).

J M Brennan C E Yunker J Med Entomol 6(3):299-304

Aug 1969 421 J828

Insect taxonomy, Surveys, Trombiculidae.

15316-69

TWO NEW SPECIES OF ARGASID TICKS (IX-ODOIDEA, ARGASIDAE) FROM CUBA.

Folia Parasitol 14(2):141-148

1967 436.8 C33

Antricola silvai, Argasidae, Bats, Insect taxonomy, Ixodidae, Ixodides, Larvae, Nymphs, Ornithodoros, Parasitic insects, Zoogeography.

15317-69

A NEW TORTRICID INJURIOUS TO CEDAR IN FRANCE (LEPIDOPTERA).

A Diakonoff

Soc Entomol France Ann 5(2):389-396

1969 420 F84

Cedrus, Insect taxonomy, Tortricidae.

REVISION OF THE GENUS BRACHYHESMA MICHENER (APOIDEA: COLLETIDAE).

E M Exley

Australian J Zool 16(2):167-201

May 1968 410 AU73

Catalogs, Colletidae, Insect taxonomy.

CULISETA MARCHETTEI, A NEW SPECIES OF THE SUBGENUS CLIMACURA HOWARD, DYAR, AND KNAB FROM MALAYSIA, WITH NOTES ON ITS BIOLOGY (DIPTERA: CU-LICIDAE).

R Garcia J Jeffery A Rudnick J Med Entomol 6(3):251-256 REF

Aug 1969 421 J828

Culiseta, Insect biology, Insect taxonomy.

SEPARATION OF THE FEMALES OF AEDES HENDERSONI COCKERELL AND AEDES TRISERIATUS (SAY) DIPTERA: CULICIDAE BY THE TARSAL CLAWS.

F C Harmston

Mosquito News 29(3):490-491

Sep 1969 421 M85

Aedes hendersoni, Aedes triseriatus, Insect identification, Insect morphology, Legs.

AND QUILAPHOETOSUS, CHILLANELLA HAYWARDELLA, NEW GENERA HAYWARDELLA, NEW GENERA OF SATYRIDAE OF THE ANDES (LEPIDOPTERA).

Неггега

Chile Univ Centro Estud Entomol Publ (8):69-72 1966 420 C432

Insect identification, Insect names, Insect taxonomy, Satyridae.

15322-69

THE LIXUS OF BEANS, LIXUS ALGIRUS (L.) (COL., CURCULIONIDAE) (PARTS VI-VII). (SP) J Isart

Graellsia 23(JAN-DEC):171-204 MAP REF Dec 1967 421 G75

Beans, Curculionidae, Insect taxonomy, Zoogcog-

ICHNEUMON SARCITORIUS L., A PARASITE OF A LEPIDOPTERAN HYDRAECIA XANTHENES (GERM.) (HYM. 1CHNEU-MONIDAE). (SP)

J Isart

Graellsia 23(JAN-DEC):205-206

Dcc 1967 421 G75

Ichneumonidae, Insect taxonomy, Lepidoptera, Parasitic insects.

1XODES TAGLEI N. SP. (ACARINA: IX-ODIDAE) A PARASITE OF THE DEER, PUDU PUDU (WOL.) IN CHILE.

G M Kohls

J Med Entomol 6(3):280-283

Aug 1969 421 J828

Deer, Insect taxonomy, Ixodes.

STUDY OF ENTOMOLOGICAL FAUNA OF THREE BIOTYPES AT THE PEYRESQ (BASSES-ALPES) SITE WITH THE AID OF WATER JARS. (FR

S Krizelj

Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):121-129

1969 105.1 G285

Biotypes, Diptera, Surveys.

15326-69

DISPERSION AND TRANSPORT OF PESTIFEROUS INSECTS: HERMETIA ILLU-CENS L. (DIPTERA, STRATIOMYIDAE). (FR) M Leclerca

Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):139-143 MAP

1969 105.1 G285

Insect pests, Stratiomyidae, Surveys, Zoogeography.

15327-69

STUDY OF NEOTROPICAL CTENUCHIDAE -II REVISION OF THE GENUS TIPULODES
BOISD., 1832 (LEPIDOPTERA -HETEROP-TERA.

J P Machado A Rei Do Rego Barros

Rio De Janeiro Mus Nac Bol N S Zool 266:1-8 02 Apr 1969 516 R47BZ

Ctenucha, Insect color, Insect physiology, Insect taxonomy, Reproductive organs.

15328-69

CONTRIBUTION TO THE KNOWLEDGE OF THE SPECIES OF EXISTING MALLOPHAGA IN SPAIN (ANOP, MALLOPHAGA). (SP)

M P Martin F J Millan

Graellsia 23(JAN-DEC):143-158 REF

Dec 1967 421 G75

Insect taxonomy, Mallophaga, Surveys, Zoogeog-

15329-69

COLEOPTERA OF THE DELTA OF THE LLOBREGAT RIVER. VI NOTES. (SP)

A L Masacaro

Graellsia 23(JAN-DEC)71-79 Dec 1967 421 G75

Coleoptera, Insect taxonomy, Surveys, Zoogeography

15330-69

AN ADDITION TO THE PSENINI OF SPAIN (HYM. SPHECIDAE). (SP)

E Mingo

Graellsia 23(JAN-DEC:81-92 MAP REF

Dcc 1967 421 G75

Insect taxonomy, Sphecidae, Surveys, Zoogeog-

15331-69

THREE NEW SPECIES OF GUNTHERANA WOMERSLEY AND HEASLIP (PROSTIG-MATA: TROMBICULIDAE) FROM EAST NEW GUINEA.

M Nadchatram R Traub J Med Entomol 6(3):263-268 Aug 1969 421 J828

Insect taxonomy, Trombiculidae, Zoogeography.

15332-69

A NEW SPECIES AND NEW RECORD OF CHIGGERS FROM WEST MALAYSIA (PROSTIGMATA: TROMBICULIDAE).

M Nadchatram G T Lakshumy J Med Entomol 6(3):283-285

Aug 1969 421 J828 Inscet taxonomy, Trombiculidae.

AEDES IN MEXICO. DESCRIPTION OF A NEW SPECIES OF THE SUBGENUS HOWARDINA (DIPTERA: CULICIDAE). (SP)

A D Najera

Rev Invest Salud Publica 26(4):331-344

Oct 1966 449.9 M572

Aedes, Culicidae, Insect identification, Insect taxonomy, Zoogeography. English summary

EMBIIDAE--AN ORDER OF INSECTS LITTLE KNOWN IN BULGARIA. (RUS)

A Popov

Priroda (Sofia) (2,MAR-APR):70-74 Apr 1967 410 P934

Embiidae, Insect taxonomy.

15335-69

CONTRIBUTION TO THE STUDY OF THE FAMILY ARCTIIDAE, ON THE GENUS GRAPHELYSIA HAMPSON, 1911 (LEPIDOP-TERA -HETEROCERCA).

A Rei Do Rego Barros

Rio De Janeiro Mus Nac Bol N S Zool 268:1-11

22 May 1969 516 R47BZ

Arctiidae, Insect color, Insect physiology, Insect taxonomy, Reproductive organs.

RESULTS OF A ZOOLOGICAL EXPEDITION TO THE ISLANDS OF PITIUSAS III. NEUROP-TERA AND ODONATA. (SP)

A C Sart

Graellsia 23(JAN-DEC):127-142 REF

Dcc 1967 421 G75

Insect taxonomy, Neuroptera, Odonata, Surveys.

EUMENIDAE CAPTURED IN THE DISTRICT OF CANET DE MAR, PROVINCE OF BARCELONA (HYM. EUMENIDAE). (SP)

V G Serra

Graellsia 23(JAN-DEC):93-110 REF

Dcc 1969 421 G75

Eumenidac, Inscet taxonomy, Polymorphism, Sur-

15338-69

PLANT GEOGRAPHY OF DICRANURA IBER-ICA TEMPL. AND ORT. (LEP. NOTODON-TIDAE). (SP)

J Templando

Graellsia 23(JAN-DEC):215

Dcc 1967 421 G75

Insect coology, Notodontidae, Plant geography, Surveys.

SUMMARY OF SYRPHIDAE IN ALBARRACIN, PROVINCE OF TERUEL, DURING THE SUMMER OF 1965. (DIPT. SYRPHIDAE). (SP)

V S Van Der Goot J A W Lucas Graellsia 23(JAN-DEC):111-119

Dec 1969 421 G75

Insect taxonomy, Surveys, Syrphidae.

DATA FOR A HYMENOPTERA ATLAS OF WESTERN EUROPE. X. THE XIPHYDRIIDAE (SYMPHYTA) FAMILY. (FR)

F Wolf

Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):162-165 REF

1969 105.1 G285

Insect taxonomy, Surveys, Symphyta, Zoogcog-

PHYSIOLOGY AND BIOCHEMISTRY

15341-69

RESEARCII CONCERNING SECONDARY EF-FECTS OF CHLORCHOLINCHLORID (CCC). (GE)

H Adolphi

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):684-688

Nov 1967 464.8 Z3

Aedes acgypti, Chloroethyl)trimethylammonium chloride, (2-, Drosophila melanogaster, Insect morphology, Insecticide resistant insects, Insecticides, Mice, Musca domestica, Rats, Toxicology.

15342-69

THE LARGE INVASION OF LEPIDOPTERA OCCURRING IN MADRID DURING THE THIRD WEEK OF MAY,1966. (PART I). (SP)

Graellsia 23(JAN-DEC):5-8

Dec 1967 421 G75

Insect migration, Lepidoptera.

15343-69

ATTEMPT AT REACCLIMATIZATION OF THE BUTTERFLY OF MADRONA (LEP. NYMPHALIDAE) IN MADRID (PARTS II-III).

R Agenjo

Graellsia 23(JAN-DEC):9-13

Dec 1967 421 G75

Insect adaptation, Insect biology, Nymphalidae.

STORY OR THE CICADA AND ANT LION (PART IX). (SP)

R Agenjo

Graellsia 23(JAN-DEC):227-233

Dec 1967 421 G75

Cicadidac, Literature, Myrmcleontidae.

GROWTH OF THE DOG TICK DERMACENTOR VARIABILIS SAY (ACARINA: IX-ODIDAE), I. GROWTII PATTERN.

O M Amin

J Med Entomol 6(3):305-316

Aug 1969 421 J828

Dermacentor variabilis, Insect morphology, Insect physiology.

GROWTH OF THE DOG TICK DERMACENTOR VARIABILIS SAY (ACARINA: IX-ODIDAE). II. THE EFFECT OF STARVATION AND HOST SPECIES ON ITS GROWTH AND FECUNDITY.

O M Amin

J Med Entomol 6(3):321-326

Aug 1969 421 J828

Dermacentor variabilis, Fertility, Insect coology, Insect nutrition, Insect physiology, Starvation.

INSTRUCTIONS FOR SENDING INSECT SPECIMENS FOR IDENTIFICATION.

Anonymous

N C Pesticide Manual 00(00):9-14

1967 79.8 N81

Bibliography, Insect identification, Insect preservation.

15348-69

PERMANENT REARING OF PHORBIA PLATURA MEIGEN (HYLEMYIA CILICRURA RON-DANI) (DIPTERA MUSCIDAE). I. ARTIFICIAL EGG LAYING SITE. (FR)

H Audemard

Ann Epiphyt 18(4):551-555 REF

1967 464.9 F84AN

Anthomyiidac, Culture media, Hylcmya platura, Insect ecology, Insect eggs, Insect rearing. English summary

15349-69

CONTINUOUS BREEDING OF THE CORN-SEED MAGGOT PHORBIA PLATURA MEIGEN (0 HYLEMYIA CILICRURA RONDANI) (DIP-TERA, MUSCIDAE), II. ARTIFICIAL BREED-ING MEDIUM OF LARVAE. (FR)

H. Audemard G Guennelon

Ann Epiphyt 19(4):713-719 REF

1968 464.9 F84AN

Culture media, Hylemya platura, Insect rearing, Larvac. English abstract.

LOCAL CONDITIONS OF THE SEVERANCE AND OF THE REGENERATION OF A FOOT IN THE INSECT CARAUSIUS MOROSUS BR. (FR)

A Bart

Acad Sci Compt Rend Ser D 269(4, 2ND SEMESTER):473-476

28 Jul 1969 505 P21

Carausius morosus, Feet, Insect physiology, Regeneration.

PROTEIN VARIATIONS IN THE OVARY OF LOCUSTA MIGRATORIA (L.) (ORTHOPTERA) IN THE FIRST PHASE OF MATURATION. (FR) F Bentz

Acad Sci Compt Rend Ser D 269(4, 2ND

SEMESTER):494-496

28 Jul 1969 505 P21

Electrophoresis, Insect biochemistry, Insect physiology, Locusta migratoria, Ovaries, Proteins.

15352-69

COLORS OF FIREFLY BIOLUMINESCENCE: INVARIABILITY OF INTRASPECIES EMIS-SION SPECTRA.

W H Biggley H H Seliger

Int Congress Photobiol Abs 5:106

1968 QH651.15

Color, Enzymes, Insect biochemistry, Lampyridae, Luminescence, Spectrochemistry.

15353-69

THE INFLUENCE OF X-RAYS ON TARSAL REGENERATION IN AN INSECT.

D Bullicre

Acad Sci Compt Rend Ser D 269(9, 2ND SEMESTER):898-901 REF

01 Scp 1969 505 P21

Blaberus craniifer, Insect physiology, Regeneration, X-rays.

15354-69

CROSS-BREEDING IN THE SILKWORM BOM-BYX MORI L., FOR CHARACTERISTIC COCOON PRODUCTION.

A R Campos J R Pedro A Borgonovi H Vaz Dc Arruda

Biologico 35(5):116-117 REF May 1969 442.8 B529

Insect physiology, Insect rearing, Pupal cases, Bombyx mori, Statistical analysis.

GROWTII OF THE TREHALA AND ITS NEU-ROENDOCRINE CONTROL IN THE MIGRA-TORY LOCUST, LOCUSTA MIGRATORIA MIGRATORIOIDES. 2. THE ROLE OF THE CORPORA CARDIACA AND THE PARASYM-PATHETIC ORGANS. (FR)

D Chalaye

Acad Sci Compt Rend Ser D 268(25, 1ST SEMESTER):3111-3114 REF

23 Jun 1969 505 P21

Corpora allata, Insect physiology, Locusta migratoria, Trehala.

AGAR GEL IMMUNODIFFUSION AND IMMUNOELECTROPHORESIS STUDIES WITH THE EXTRACTS OF MALE AND FEMALE ADULT CULEX TARSALIS.

J Chao

Mosquito News 29(3):432-435

Scp 1969 421 M85

Culex tarsalis, Diffusion, Electrophoresis, Extracts, Immunology, Rabbits.

LIPID CONTENT AND COMPOSITION OF THE TSETSE FLY, GLOSSINA MORITANS WEST-WOOD.

S H W Cmclik D P Hurrell M Lunat Compar Biochem Physiol 31(1):65-78 REF

01 Oct 1969 444.8 C73 Chromatography, Fatty acids, Glossina morsitans, Hydrocarbons, Insect biochemistry, Lipids, Phospholipids.

15358-69

CONTRIBUTIONS TO THE STUDY OF ONE ASPECT OF THE RESISTANCE TO INSECTICIDES. II. THE SHOCK EFFECT MULTIPLE OR DISCONTINUANCE INSECT-INSECTICIDE CONTACT. (FR)

Phytiat-phytopharm 15(3):183-191

1966 464.8 P564

Chemical control (insects), Insect physiology, Insecticide resistant insects, Mortality, Shock

15359-69

THE EFFECTS OF SALT STRESS ON THE CEREBRAL NEUROSECRETORY SYSTEM OF

G S Dogra Al B Ewen Experientia 25(9):940-941 15 Sep 1969 475 EX7

Insect physiology, Melanoplus sanguinipes, Nervous system, Neuroendoerines, Osmosis, Seeretions, Sodium ehloride, Stress.

15360-69

SEQUELAE OF THE DELAYED POST-DIAPAUSE DEVELOPMENT OF THE EMBRYO OF B. MORI L. EGGS. (RUS)

Priroda (Sofia) (3,MAY-JUN):64-67

Jun 1967 410 P934

Eggs, Embryos, Inseet physiology, Metamorphosis, Bombyx mori, Temperature.

15361-69

IN VITRO: ENDING OF EGG DIAPAUSE IN SOME TETTIGONIIDS. (FR

Ann Epiphyt 18(4):387-400 REF

1967 464.9 F84AN

Insect eggs, Insect physiology, Orthoptera, Refrigeration, Reproduction, Tettigoniidae. English summary

15362-69

A COMBINATION OF POULTRY-RAISING WITH MULBERRY-TREE-GROWING AND SERICULTURE. (RU)

T Dushev

Priroda (Sofia) (6,NOV-DEC):61

Dec 1967 410 P934

Crop yields, Ecology, Morus, Poultry, Bombyx mori

15363-69

TACHINID PARASITES OF THE HORNED PAS-SALUS BEETLE. M Foff

Okla Acad Sci Proc 48:29-31

1969 500 OK42

Parasitie inseets, Passalidae, Surveys, Taehinidae, Zoogeography.

MECHANISMS OF POPULATION HOMEOSTA-SIS IN ANAGASTA ECOSYSTEMS.

S E Flanders

Hilgardia 39(13):367-404 REF

Sep 1968 100 C12H

Anagasta kuehniella, Insect biology, Insect ecology, Insect rearing, Parasitism, Population, Tribolium confusum.

A SHOOT-BLIGHT DISEASE OF WESTERN LARCH IN BRITISH COLUMBIA.

A Funk

Can J Bot 47(10):1509-1511

Oet 1969 470 C16C

Blight, Fungus diseases (plants), Larix oecidentalis.

ACTION OF RESERPINE ON DACUS OLEAE GMEL. (FR)

E. Fytizas A. Baedyannis Ann Epiphyt 19(4):623-628

1968 464.9 F84AN

Biological assay, Chemosterilants, Daeus oleae, Insect eggs, Insect physiology, Ovaries, Oviposition, Reserpine. English abstract.

15367-69

THE COELOMIC VESICLES OF THE INTER-CALARY SEGMENT (OPREMANDIBULAR) IN THE EMBRYO OF THE COLLEMBOLE ANU-RIDA MARITIMA (GUER.). (FR)

M Garaudy-Thmarelle

Acad Sci Compt Rend Ser D 269(2, 2ND SEMESTER):198-200

16 Jul 1969 505 P21

Collembola, Head, Insect eggs, Insect histology, Inseet physiology.

15368-69

REACTION OF THE WINTER DERMACENTOR ALBIPICTUS (PACKARD), TO CO2.

R Gareia

J Med Entomol 6(3):286

Aug 1969 421 J828

Carbon dioxide, Dermacentor albipietus, Inseet

MORPHOLOGY, BIOLOGY, AND ECOLOGY OF DASYCHIRA SELENITICA (LEPIDOPT., LYMANTRIIDAE). (GE)

A Ghazi-Bayat

Z Angew Entomol 60(4):467-492 REF

Nov 1967 421 Z36

Dasyehira selenitica, Economie conditions, Forest conservation, Insect biology, Insect ecology, Insect morphology, Leguminosae, Lymantriidae. English

15370-69

ADDITION ADDITION TO THE KNOWLEDGE OF COLEOPHORIDAE II. STUDY OF THE MAN-LIKE GENITALIA OF COLEOPHORA HYS-SOPI TOLL (LEP. COLEOPHORIDAE). (GE) W Glaser

Wien Entomol Ges Z 52(6):59-61

01 Dec 1967 421 OS7

Coleophora hyssopi, Coleophoridae, Inseet physiology, Reproductive organs.

15371-69

NUISANCE MOSQUITOES IN TWO WISCON-SIN PARKS; OCCURRENCE AND CORRELA-TION BETWEEN BITING AND LIGHT TRAP CATCHES.

W L Gojmerae C H Porter Mosquito News 29(3):484-486

Sep 1969 421 M85

Correlation, Culicidae, Light traps, Statistical analysis.

15372-69

TEN YEARS OF SURVEILLANCE WESTERN EQUINE ENCEPHALITIS IN UTAH. J E Graham G C Collett

Mosquito News 29(3):451-456 REF

Sep 1969 421 M85

Culex tarsalis, Insect vectors, Surveys, Western equine encephalomyelitis.

THE INFLUENCE OF THE HOST PLANT OR MALES ON OVARIAN DEVELOPMENT OR OVIPOSITION IN THE DIAMONDBACK MOTH PLUTELLA MACULIPENNIS (CURT.).

R J Hillyer A J Thorsteinson Can J Zool 47(5):805-816

Sep 1969 470 C16D

Insect behavior, Insect nutrition, Insect physiology, Ovaries, Oviposition, Plutella maculipennis.

CHARACTERIZATION OF RIBOSOMES ISO-LATED FROM POSTERIOR SILKGLAND.

M Himeno K Yamamoto Y Yokoyama T Komano K Onodera

Agr Biol Chem 31(6):750-752 REF

Jun 1967 385 AG8B

Bombyx mori, Glands (insects), Insect physiology, Protein fibers, Ribosomes, Synthesis.

15375-69

HOST FINDING BY ODOR IN THE MYRMECO-PHILIC BEETLE ATEMELES PUBICOLLIS BRIS. (STAPHYLINIDAE).

B Holldobler

Science 166(3906):757-758

07 Nov 1969 470 SC12

Formiea polyetena, Inseet behavior, Inseet biology, Inseet eeology, Myrmecophilous inseets, Myrmica, Staphylinidae.

15376-69

MECHANISM OF OXIDATION OF LUCIFERIN IN FIREFLY BIOLUMINESCENCE. T A Hopkins H H Seliger E H White

Int Congress Photobiol Abs 5:151

1968 OH651.15

Insect bioehemistry, Luciferins, Luminescence, Oxidation, Photinus.

ECOLOGICAL AND BIOLOGICAL STUDIES ON EMPOASCA SPP. (JASSIDAE) IN THE CAIRO AREA, U.A.R.

M M Hosny S A El-Dessouki

Z Angew Entomol 60(4):397-411 REF

Nov 1967 421 Z36

Cieadellidae, Cotton, Empoasea, Inseet biology, Inseet eeology, Nymphs, Zoogeography. German

15378-69

FURTHER DESCRIPTION OF A SUBLINE OF GRACE'S MOSQUITO (AEDES AEGYPTI L.) CELLS ADAPTED TO HEMOLYMPH-FREE MEDIUM.

S H Hsu H H Liu E C Suitor

Mosquito News 29(3):439-446 REF

Sep 1969 421 M85

Aedes aegypti, Culture media, Cytology, Hemolymph, Phase-eontrast microscopy, Tissue eulture

15379-69

VIRUSES OF THE MEALY BUG LARVAE, TENEBRIO MOLITOR. OF GRANULAR INSECTICIDES IN COCONUT LEAF AXILS. (GER)

A M Huger

Naturwissenschaften 56(9):466-467

Sep 1969 474 N213

Chemical control (inseets), Coeonuts, Electron microscopy, Granular insecticides, Insect diseases, Insecticide application, Larvae, Tenebrio molitor.

15380-69

BIOLOGICAL AND MORPHOLOGICAL INVESTIGATIONS OF BRACHYCAUDUS SPIRAEAE (DESTL.) C.B., AN APHID PEST OF SPIRAEA (HOMOPTERA: APHIDIDAE): A CONTRIBUTION TO THE DETERMINATION, TO THE SPECIFIC MORPHOLOGY AND CHETOTAXY OF THE APHID. (GE)

1 Igliseh

Z Angew Entomol 60(4):417-450 REF Nov 1967 421 Z36

Aphididae, Appelia, Braehyeaudus spiraea, Chaetotaxy, Insect biology, Insect morphology, Insect pests, Insect taxonomy, Larvae, Spiraea bumalda, Spiraea vanhouttei. English summary

REMARKS ON THE ULTRASTRUCTURE OF THE VENTRAL GLAND IN LOCUSTA MIGRA-TORIA L. (ORTHOPTERA) IN DENSE POPULA-TIONS. (FR)

L Joly P Joly A Porte

Acad Sci Compt Rend Ser D 269(9, 2ND

SEMESTER):917-918 01 Sep 1969 505 P21

Electron microscopy, Glands (insects), Locusta migratoria, Population.

15382-69 EPIDEMIOLOGICAL NOTES: TWO BLUETON-GUE EPIZOOTICS.

R H Jones A J Luedke

Mosquito News 29(3):461-464

Sep 1969 421 M85

Bluetongue, Culieidae, Culieoides variipennis, Epidemiology, Leptoconops, Sheep, Simuliidae, Surveys, Tabanidae.

PRELIMINARY RESEARCH ON DROSOPHILA SIGMA VIRUS MULTIPLICATION IN INSECTS BELONGING TO DIFFERENT ORDERS. (FR

F-X Jousset Acad Sci Compt Rend Ser D 269(11, 2ND

SEMESTER):1035-1038

15 Sep 1969 505 P21 Coleoptera, Diptera, Drosophila, Hymenoptera, Inseet diseases, Lepidoptera, Orthoptera.

BIBLIOGRAPHY

15384-69

15384-69

WILD TURKEY ECTOPARASITES COL-LECTED IN THE SOUTHEASTERN UNITED STATES

F E Kellogg A K Prestwood R R Gerrish G L Doster

J Med Entomol 6(3):329-330

Aug 1969 421 J828

Eetoparasites, Surveys, Turkeys, Wildlife.

15385-69

ARBOVIRUS STUDIES IN THE OHIO-MISSIS-SIPPI BASIN, 1964--1967. II. ST. LOUIS EN-CEPHALITIS VIRUS,

R H Kokernot J Hayes R L Will C H Tempelis D H M Chan Et Al

Amer J Trop Med Hyg 18(5):750-761 REF Sep 1969 448.8 AM326

Arboviruses, Culex tarsalis, St. Louis encephalitis, Surveys.

15386-69

RESEARCH ON THE FOREST ECOSYSTEM. SERIES BI THE MIXED CALCICOLOUS OAK-CROP OF VIRELLES-BLAIMONT. CONTRIBUTION NO. 23. DIPTERA COLLECTED IN WATER JARS. (FR)

S Krizelj

Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):111-120

1969 105.1 G285

Diptera, Forest insects, Quereus, Surveys.

15387-69

FEEDING HABITS OF TWO PHYLLOXERA SPECIES (PHYLLOXERIDAE, APHIDINA) ON OAK LEAVES. (GE)

H Kunkel

Z Angew Zool 54(4):517-525

1967 449.8 Z36

Feeding, Insect behavior, Insect histology, Insect morphology, Insect physiology, Leaves, Phylloxera eoeeinea, Phylloxera glabra, Phylloxeridae, Quereus, Stylets, Tissues, Xylem. English summary

15388-69

OBSERVATIONS ON THE NESTING BEHAVIOR OF CROSSOCERUS (C.) MACU-LICLYPEUS (FOX) (HYMENOPTERA: SPHECIDAE).

F E Kurezewski N A Burdick G C Gaumer N Y Entomol Soc J 77(2):92-104 REF Jun 1969 420 N48J

Crossocerus, Food habits, Insect behavior, Insect biology, Insect nests.

15389-69

HISTOCHEMICAL OBSERVATION ON PERIODIC-ACID-SCHIFF POSITIVE SUBSTANCES AND NUCLEIC ACIDS IN THE NORMAL AND DEGENERATED OVARY OF THE LADY BEETLE, EPILACHNA VIGINTIOCTOMACULATA MOTSCHULSKY.

M Kurihara

Iwate Univ Fac Agr J 9(1):1-15 REF

Aug 1968 107.6 IW93

Epilaehna, Histochemistry, Nueleie acids, Oogenesis. Ovaries.

15390-69

COPROPHILOUS FLIES. (RU)

V Lavchiev

Priroda (Sofia) (5,SEP-OCT):73-76

Oct 1967 410 P934

Coprophilic insects, Diptera, Insect biology.

15391-69

THE FLIGHT OF INSECTS. (RUS)

V Lavehiev

Priroda (Sofia) (4,JUL-AUG):56-59

Aug 1967 410 P934

Flight patterns, Insect behavior, Insect flight.

15392-69

CORPORA ALLATA AND GENETIC INSTINCT IN CALOTERMES FLAVICOLLIS FABR. THE RELEASE OF SEXUAL ACTIVITY IN YOUNG

WINGED IMAGOS OF CALOTERMES FLAVICOLLIS FABR. NECESSITATES THE PRESENCE IN THE ORGANISM OF AN ELEVATED AMOUNT OF JUVENILE HOR-MONE. (FR)

D Lebrun

Acad Sci Compt Rend Ser D 269(5, 2ND

SEMESTER):632-634

04 Aug 1969 505 P21

Corpora allata, Insect genetics, Insect physiology, Juvenile hormone, Termitidae.

15393-69

ON THE BIOLOGY OF EPINOTIA (EVERTRIA) CEDRICIDA DIAKONOFF, A SERIOUS PEST OF CEDAR IN FRANCE (LEP., TORTRICIDAE). (FR)

F Leclant G Remaudicre

Soc Entomol France Ann 5(2):397-405

1969 420 F84

Cedrus, Insect biology, Tortricidae. English abstract.

15394-69

INSECT PHOTOPERIODISM.

A D Lees

Int Congress Photobiol Abs 5:123

1968 QH651.15

Aphididae, Biological eloeks, Diurnal rhythm, Photoperiodism, Speetrochemistry.

15395-69

CONTRIBUTION TO THE BIOLOGY AND ECOLOGY OF THE CARNATION FLY, PHORBIA BRUNNESCENS ZETT (DIPTERA, ANTHOMYIIDAE). (GE

E Leiber

Z Angew Zool 54(4):527-552 REF

1967 449.8 Z36

Anthomyiidae, Dianthus barbatus, Dianthus earyophyllus, Diptera, Hylemya brunnescens, Hylemya cardui, Insect biology, Insect eeology, Insect eggs, Larvae. English summary

15396-69

AN OVIPOSITION TRAP FOR DETECTING THE PRESENCE OF AEDES TRISERIATUS (SAY).

K A Loor G R DeFoliart

Mosquito News 29(3):487-488

Sep 1969 421 M85

Aedes triseriatus, Diagnosis, Inseet traps, Oviposition, Surveys.

15397-69

DEVELOPMENTAL CHANGES IN THE LATE LARVA OF CALLIPHORA STYGIA. II. PROTEIN SYNTHESIS.

M D Martin J F Kinncar J A Thomson Australian J Biol Sci 22(4):935-945 REF

Aug 1969 442.8 AU72

Calliphora stygia, Insect biochemistry, Insect physiology, Larvae, Proteins, Spectrophotometry, Synthesis.

5398-69

REDUCTION OF DIELDRIN STORAGE IN RAT LIVER: FACTORS AFFECTING IN SITU.

F Matsumura C M Wang

Bull Environ Contamination Toxicol 3(4):203-210 Jul 1968 RA1270.P35A1

Biological assay, Chromatography, Culture media, Dicldrin, Liver, Rats, Research, Stimulants, Storage.

15399-69

CONTRIBUTION TO THE STUDY OF ONE ASPECT OF THE RESISTANCE TO INSECTICIDES. I. THE SCHOCK EFFECT. (FR)

J P Melou

Phytiat-phytopharm 15(3):177-182

1966 464.8 P564

Chemical control (insects), Drosophilidae, Insecticide resistant insects, Shock.

15400-69

PHORESIA OF DAMALINIA (C.) MEYERI (MALLOPHAGA) AND LAMPROCHERNES NODOSUS (PSEUDOSCORPIONIDEA) ON MOSQUITOES AEDES STICTICUS (CULICIDAE),

J Minar

Folia Parasitol 13(3):270-273

1967 436.8 C33

Aedes stietieus, Cheloncthida, Culicidae, Damalinia meyeri, Deer, Insect behavior, Lamproehernes nodosus, Mallophaga, Parasitic inseets, Phoresy.

15401-69

ATTEMPTS TO COMBAT THE STRAINS OF CARROT AND ONION FLIES RESISTANT TO ORGANO-HALOGEN INSECTICIDE PRODUCTS. (FR)

J Missonnier J Arnoux E Brunel G Portier R

Phytiat-phytopharm 15(3):193-212 REF

1966 464.8 P564 Chemical control (insects), Eumerus strigatus, Halogen compounds, Insecticide resistant insects, Organic compounds, Psila rosac.

15402-6

HEMAGGLUTINATION WITH CYTOPLASMIC-POLYHEDROSIS VIRUS OF THE SILKWORM, BOMBYX MORI.

S Miyajima

Virology 39(2):347-348

Oet 1969 448.8 V81

Cytoplasm, Hemagglutination, Insect bioehemistry, Insect diseases, Insect histology, Polyhedroses, Bombyx mori, Viruses.

15403-69

A COMPARSION OF MOSQUITO CATCHES WITH MINIATURE LIGHT TRAPS AND CO-2-BAITED TRAPS.

C D Morris G R DeFoliart Mosquito News 29(3):424-426

Sep 1969 421 M85

Carbon dioxide, Culicidae, Light traps, Surveys.

15404-69

THE SOLUBLE PROTEINS OF DEVELOPING CALLIPHORA ERYTHROCEPHALA, PARTICULARLY CALLIPHORIN, AND SIMILAR PROTEINS IN OTHER INSECTS.

E A Munn G D Greville

J Insect Physiol 15(10):1935-1950 REF Oet 1969 421 J825

Calliphora vicina, Chemical analysis, Electron microscopy, Electrophoresis, Insect biochemistry, Insect physiology, Proteins.

15405-69

DISTRIBUTION OF FOODPLANT CHEMORECEPTORS ON THE FEMALE FLORIDA QUEEN BUTTERFLY, DANAUS GILIPPUS BERENICE (NYMPHALIDAE).

J Mycrs

Lepidopterists Soc J 23(3):196-198

24 Sep 1969 421 L554

Chemoreceptors, Insect physiology, Nymphalidae.

15406-69

THE PROCTODEAL CUTICLE OF INSECTS: EVIDENCE OF EPICUTICULAR DEPRESSIONS FROM THE SWEEP ELECTRON MICROSCOPE. (FR)

C Noirot C Bayon

Acad Sci Compt Rend Ser D 269(11, 2ND SEMESTER):996-999 REF

15 Scp 1969 505 P21

Cutiele, Electron microscopy, Insect physiology

15407-69

15407-69 RAT-FLEA INDICES, RAINFALL, AND PLAGUE OUTBREAKS IN VIETNAM, WITH EMPILASIS ON THE PLEIKU AREA.

Amer J Trop Med Hyg 18(4,PT 1):621-628 REF Jul 1969 448.8 AM326 Plague, Rainfall, Rats, Surveys, Xenopsylla cheop-

15408-69

DEOXYRIBONUCLEOSIDE MONOPHOSPIIOKINASES OF SILKWORM PUPAE INFECTED AND UNINFECTED WITH NUCLEAR POLYHEDROSIS VIRUS.

K Onodera M Himeno F Sakai I Morishima

Agr Bial Chem 32(2):185-190

Feb 1968 385 AG8B

Adenosine, Bombyx mori, Cytidine, Deoxyribonucleic aeid, Enzymes, Extracts, Guanine, Insect biochemistry, Insect diseases, Kinases, Nuclear polyhedrosis virus, Pupae, Thymine, Uracil, Virology.

15409-69

DATA ON OOGENESIS PARTHENOGENIC COLLEMBOLA, ISOTOMIDAE. (FR)

C Palevody

Acad Sci Compt Rend Ser D 269(2, 2ND

SEMESTER):183-186 16 Jul 1969 505 P21

Collembola, Insect histology, Insect physiology, Oogenesis, Parthenogenesis.

INTERACTIONS BETWEEN LARVAE OF AEDES AEGYPTI (L.)AND CULEX PIPIENS L. IN MIXED EXPERIMENTAL POPULATIONS.

M T Peters B I Chevone R A Callahan

Masquita News 29(3):435-438 Sep 1969 421 M85

Aedes aegypti, Culex pipiens, Larvae, Population, Statistical analysis.

15411-69

OVIPOSITION RESPONSE OF AEDES SOL-LICITANS, AEDES TAENIORHYNCHUS, AND PSOROPHORA CONFINNIS TO SEVEN INOR-GANIC SALTS.

J J Peterson

Mosquita News 29(3):472-483

Sep 1969 421 M85

Aedes sollicitans, Aedes taeniorhynchus, Chlorides, Inorganic eompounds, Oviposition, Psorophora confinnis, Repellency tests, Salts, Sodium.

15412-69

OBSERVATIONS OF A MERMITHID NE-MATODES PARASITIC IN ORTHOPODOMYIA SIGNIFERA (COQUILLETT) (DIPTERA: CU-LICIDAE).

J J Pcterson O R Willis

Masquita News 29(3):492-493

Sep 1969 421 M85

Insect biology, Insect ecology, Orthopodomyia.

15413-69

OSMOTIC REGULATION AND RECTAL AB-SORPTION IN THE BLOWFLY, CALLIPHORA ERYTHROCEPHALA.

J E Phillips

Can J Zaal 47(5):851-863 REF

Sep 1969 470 C16D

Chlorides. Absorption. Calliphora vicina. Hemolymph, Insect biochemistry, Insect physiology, Osmotic pressure, Rectum, Urine.

LIGHT AND CIRCADIAN RHYTHMS.

C S Pittendrigh D Minis

Int Cangress Phatabiol Abs 5:122

1968 QH651.I5

Diurnal rhythm, Light, Pectinophora gossypiella, Photoperiodism, Spectrochemistry.

ORIENTATION OF MYZUS PERSICAE (SULZ.) TO LIGHT. J Pospisil

Acta Ent Bohemoslov 60(1-2):94-98 1963 420 C33

Attractants, Beets, Color, Insect hehavior, Light, Myzus persicae. Czech summary.

FEASIBILITY AND OUTLOOK FOR RESULTS GRANULATED INSECTICIDE APPLICA-TION AGAINST FOREST PESTS. (GE)

Z Angew Entamol 60(4):493-500 REF

Nov 1967 421 Z36 Adelges abietis, Agevillea abietis, Aphididae, Cryp-

pests, Insecticide application. English summary 15417-69

MECHANICAL PROPERTIES OF INSECT FIBRILLAR MUSCLE AT LARGE AMPLITUDES OF OSCILLATION.

torhynchus lapathi, Forest insects, Formulations,

Insect control, Insect outbreak forecasting, Insect

J W S Pringle R T Tregear

Ray Soc Proc Ser B Biol Sci 174(1034):33-50

07 Oct 1969 501 L84B

Insect physiology, Lethocerus, Muscles, Oscillation, Tension.

15418-69

VIRUSLIKE PARTICLES IN ADULT DROSO-PHILA MELANOGASTER.

P M M Rae M M Green

34(1):187-189

Jan 1968 448.8 V81

Drosophila melanogaster, Insect diseases, Virus diseases (animals), Viruses.

15419-69

MYCOPLASMA-LIKE BODIES IN THE SALIVA OF THE LEAFHOPPER MACROSTELES FASCIFRONS (STAL) (HOMOPTER A CICADELLIDAE).

J Raine A R Forbes

Can J Microbiol 15(9):1105-1107 REF

Sep 1969 448.8 C162

Cicadellidae, Insect vectors, Macroste fascifrons, Methodology, Saliva, Salivary glands. Macrosteles

STUDIES ON BIOLOGY OF FERRISIA VIRGATA CKLL. PSEUDOCOCCIDAE: HOMOP-TERA) IN MADHYA PRADESH.

R R Rawat B N Modi

Indian J Agr Sci 39(3):274-281 REF Mar 1969 22 AG831

Insect biology, Pseudococcidae.

BIOLOGY AND NATURAL ENEMIES OF THE BRINJAL MEALY-BUG, CENTROCOCCUS INSOLITIS (GREEN) IN MADHYA PRADESH.

R R Rawat B N Modi

Indian J Agr Sci 39(1):112-116 REF

Jan 1969 22 AG831

Coccidae, Crop losses, India, Insect biology.

PRELIMINARY OBSERVATIONS ON THE EMBRYONIC DEVELOPMENT OF PISSODES NOTATUS F. (COL., CURCULIONIDAE). (FR)

Acad Sci Compt Rend Ser D 269(2, 2ND SEMESTER):191-194

16 Jul 1969 505 P21

Curculionidae, Insect eggs, Insect histology, Insect physiology.

15423-69

DAILY FLIGHT ACTIVITY OF MALE TABANUS LINEOLA VAR. HINELLUS PHILIP (DIPTERA: TABANIDAE) IN THE ESTUARINE AREA OF LOUISIANA.

C G Richardson B H Wilson J Med Entomol 6(3):276-277

Aug 1969 421 J828

Insect behavior, Insect flight, Light, Tahanus

RESEARCH ON CRANEFLY POPULATIONS. THE EFFECT OF CERTAIN ECOLOGICAL FACTORS ON TIPULA PALUDOSA MEIG. (FR) G Ricou

Ann Epiphyt 18(4):451-481 REF

1967 464.9 F84AN

Climate, Insect behavior, Insect eeology, Microorganisms, Population, Tipula paludosa, Tipulidae. English summary

15425-69

METHOD FOR DETERMINING BACILLUS THURINGIENSIS VAR. THURINGIENSIS BER-LINER IN SOIL.

S M Saleh R F Harris O N Allen

Can J Microbiol 15(9):1101-1104 REF Sep 1969 448.8 C162

Bacillus thuringiensis, Ecology, Methodology, Soil microorganisms.

15426-69

THE INFLUENCE OF TEMPERATURE IN THE RESPONSE OF DROSOPHILA MELANOGASTER TO ANESTHESIA. (FR)

D Sillans

Acad Sci Compt Rend Ser D 269(12):1093-1096 22 Sep 1969 505 P21

Anesthesia, Carbon dioxide. Drosophila melanogaster, Ethyl ether, Insect physiology, Temperature.

SEXUAL FORMS OF THE PEA APHID, ACYRTHOSIPHON PISUM, PRODUCED ON AN ARTIFICIAL DIET.

O R W Sutherland T E Mittler Entomal Exp Appl 12(2):240-241

1969 421 EN895

Acyrthosiphon pisum, Diet, Insect morphology, Insect nutrition, Insect rearing, Sex.

15428-69

A VIRUS DISEASE OF PIERIS RAPAE (L.) IN QUEENSLAND.

R E Teakle

Queensland J Agr Anim Sci 26(2):283-284

Jun 1969 23 O37

Crop losses, Crop yields, Hail, Plant injuries,

15429-69

CHANGES IN SOME HAEMOLYMPH DEHYDROGENASE ISOZYMES OF THE FEMALE HONEYBEE, APIS MILLIFERA L., DURING CASTE DEVELOPMENT.

R K Tripathi S E Dixon

Can J Zool 47(5):763-770 REF

Sep 1969 470 C16D

Apis mellifera, Dehydrogenases, Electrophoresis, Hemolymph, Insect biochemistry, Insect physiology, Spectrophotometry.

15430-69

AN INTERESTING CASE OF SWARMING OF CICADATRA XANTES WALK. (HOMOPTERA).

M V Venkatesh

Plant Protect Bull 19(4):30

1967 421 P69

Cicadidae, Insect behavior, Swarming.

AUTOGENY IN CULEX PEUS SPEISER.

R K Washino F Shad-Del

Mosquito News 29(3):493-495 Sep 1969 421 M85

Autogeny, Culex, Insect biology, Reproduction.

15432-69

A NEW PARASITE OF CULEX PIPIENS L., EN-TOMOPHTHORA DESTRUENS SP.N. (PHYCO-MYCETES, ENTOMOPHTHORACEAE).

J Weiser A Batko

Folia Parasitol 13(2):144-149

1966 436.8 C33

pipiens, Entomogenous fungi, En-Culex tomophthora destruens, Entomophthoraceae, Insect diseases, Insect eggs, Phycomycetes.

THE TRANSITORY NATURE OF AEDES AEGYPTI LARVAL HABITATS IN AN URBAN SITUATION.

D L von Winoeguth D A Eliason J W Kilpatrick W L Jakob

Mosquito News 29(3):495-496

Scp 1969 421 M85

Aedes aegypti, Habitats, Insect ecology, Larvae, Urbanization.

EFFECT OF PHOTOPERIOD ON PATTERNS OF OVIPOSITION OF ANOCENTOR NITENS NEUMANN (ACARINA: IXODIDAE).

J E Wright

J Med Entomol 6(3):257-262 REF

Aug 1969 421 J828

Anocentor nitens, Insect behavior, Insect physiology, Oviposition, Photoperiodism.

GENETICS

15435-69

VITALITY OF THE CROSSBREEDS FROM BOMBYX MORI L.. (RUS)

G Kanarev

Priroda (Sofia) (4,JUL-AUG):54-55

Aug 1967 410 P934

Heterosis, Hybrids, Insect genetics, Bombyx mori.

15436-69

STUDIES ON KARYOTYPES OF SOME JAPANESE MOSQUITOES.

T Kanda

Jap J Exp Med 38(1):37-46

Feb 1968 448.8 J272

Chromosomes, Culicidae, genetics. Reproductive organs.

15437-69

AN EXPERIMENTAL APPROACH TO THE STUDY OF MULTIPLE PEAK EPISTASIS IN DROSOPHILA MELANOGASTER.

R F Nassar

Australian J Biol Sci 22(4):925-933

Aug 1969 442.8 AU72

Drosophila melanogaster, Genes, Hair, Insect genetics, Insect rearing.

15438-69

THE SALIVARY GLAND CHROMOSOMES OF PROSIMULIUM MULTIDENTATUM TWINN AND THREE FORMS INCLUDED IN PROSIMU-LIUM MAGNUM (DYAR AND SHANNON) (DIP-TERA: SIMULIIDAE).

P O Ottonen R Nambiar

Can J Zool 47(5):943-949 REF

Sep 1969 470 C16D

Chromosomes, Insect genetics, Morphology, Prosimulium, Salivary glands, Zoogeography.

ORIENTATION AND SEGREGATION OF ASYNAPTIC MULTIPLE SEX CHROMOSOMES IN THE MALE OMOPHOITA CLERICA ERICHSON (COLEOPTERA: ALTICIDAE).

N Virkki

Hereditas 57(1-2):275-288 REF

1967 442.8 H42

Cell division, Chromosomes, Chrysomelidae, Insect genetics, Insect rearing, Omophoita clerica, Reproduction, Sex.

MEDICAL ENTOMOLOGY

15440-69

EFFECTIVENESS OF INSECTICIDAL RESIDUES ON ARMY. TENTING AGAINST ANOPHELES SSP...

R M Altman J B Gahan

Mosquito News 29(3):415-418

Sep 1969 421 M85

Anopheles, Chlordane, Dairy equipment, Diazinon, Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, O, DDT, Insecticide residues, Insecticides, Malathion, Mobam.

15441-69

THE EFFECTIVENESS OF FLIT MLO AGAINST AEDES TAENIORIIYNCHUS LAR-VAE ON GRAND CAYMAN, BRITISII WEST IN-

J A Armstrong

Mosquito News 29(3):489-490

Sep 1969 421 M85

Aedes tacniorhynchus, Chemical control (insects), Larvae, Oils.

15442-69

LABORATORY TESTS OF THE SUSCEPTIBILI-TY OF MOSQUITO LARVAE TO INSECTICIDES IN FLORIDA, 1968.

A H Boike C B Rathburn

Mosquito News 29(3):392-395

Sep 1969 421 M85

Acdes aegypti, Aedes sollicitans, Acdes taenior-hynchus, Chemical control (insects), Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, O, Dimethyl phosphorothioate O,O-diester 4,4'-thiodiphenol, O, Fenthion, Insecticides, Larvae, Malathion, Naled.

JAPANESE ENCEPHALITIS VIRUS IN TAIWAN: PRELIMINARY EVIDENCE FOR CULEX ANNULUS THEOB. AS A VECTOR.

M. D. Cates R. Detels.

J Med Entomol 6(3):327-328

Aug 1969 421 J828

Culex, Discase transmission, Insect vectors, Japanese b encephalitis virus, Population, Surveys.

THE RELATION OF VIRUS TAHYNA TO SOME SPECIES OF MOSQUITOES OF THE GENERA AEDES, CULEX AND ANOPHELES.

V Danielova

Folia Parasitol 13(2):97-102

1966 436.8 C33

Aedes, Anopheles, Culex, Culicidae, Culiseta annulata, Insect vectors, Tahyna virus.

15445-69

SEASONAL DISTRIBUTION OF MOSQUITOES OF HANCOCK COUNTY, MISSISSIPPI, 1964--1968.

F W Harden B J Poolson

Mosquito News 29(3):407-414 REF

Scp 1969 421 M85

Culicidae, Population, Seasonal variation, Surveys.

15446-69

SIMULATED FIELD TESTS WITH OVICIDES AGAINST AEDES AEGYPTI EGGS IN TIRES AND CANS.

W L Jakob

Mosauito News 29(3):402-407

Scp 1969 421 M85

Aedes aegypti, Amines, Cans, Chemical control (insects), Insect eggs, Ovicides.

AN EVALUATION OF THE MOSQUITO CON-TROL PROGRAM IN A SMALL MIDWESTERN URBAN COMMUNITY.

H Kessler C W Wingo

Mosquito News 29(3):446-450

Sep 1969 421 M85

Chemical control (insects), Evaluation, Fenthion, Larvicides.

CHEMOSTERILANTS FOR CONTROL OF REPRODUCTION IN THE EYE GNAT (HIPPE-LATES COLLUSOR) AND THE MOSQUITO (CULEX QUINQUEFASCIATUS).

M S Mulla

Hilgardia 39(10):297-324 REF

Jul 1968 100 C12H

Apholate, Carboxyamides, Chemical control (in-Chemosterilants, pipiens sects). Culex quinquefasciatus, Hippelates collusor, Metepa, Reproduction, Tcpa.

15449-69

SOME OBSERVATIONS ON HYDRA AMER-ICANA HYMEN AS A PREDATOR OF CULEX PEUS SPEISER MOSQUITO LARVAE.

A H Qureshi E C Bay

Mosquito News 29(3):465-471

Scp 1969 421 M85

Biological control (insects), Culex, Larvae, Preda-

15450-69

A STUDY OF FACTORS AFFECTING THE SUSCEPTIBILITY OF MOSQUITO LARVAE TO INSECTICIDES IN LABORATORY SISTANCE TESTS.

C B Rathburn A H Boike

Mosquito News 29(3):395-401

Sep 1969 421 M85

Aedes aegypti, Aedes taeniorhynchus, Culex nigripalpus. Culex salinarius, Dimethyl phosphorothioate O,O-diester 4,4'-thiodiphenol, O, Fenthion, Insecticide resistant insects, Insecticides, Larvae, Malathion, Naled, Temperature.

EFFECTS OF ULTRAVIOLET RADIATION ON ADULTS OF AEDES AEGYPTI (L.) (DIPTERA: CULICIDAE).

D F Riordan

Mosquito News 29(3):427-431

Scp 1969 421 M85

Aedes aegypti, Imagos, Insect control, Laboratory equipment, Mortality, Sterility, Ultraviolet rays.

COMPARISON OF LARVAL BIOASSAY AND CHEMICAL ANALYSIS FOR ASSESSING AERI-AL SPRAY DEPOSITS.

C H Schaefer A F Geib W H Wilder P A Gillies

Mosquito News 29(3):371-376

Sep 1969 421 M85

Aerial spraying, Biological assay, Chemical analy-Chromatography, Culex quinquefasciatus, Diethyl O-(3,5,6-trichloro-2pyridyl) phosphorothioate, O, O, Insecticide residues, Larvae.

THE MOSQUITOES OF THE DAR-ES-SALAAM AREA. TANZANIA. WITH SPECIAL REFERENCE TO AEDES (STEGOMYIA) SPE-CIES AND THE EPIDEMIOLOGY OF YELLOW FEVER.

G Surtees

J Med Entomol 6(3):317-320 MAP REF

Aug 1969 421 J828

Aedes, Disease transmission, Habitats, Surveys, Yellow fever.

15454-69

ESTERASE ACTIVITY OR-IN GANOPHOSPHORUS- TOLERANT STRAINS OF AEPES AEGYPTI.

M Ziv W A Brown

Mosquito News 29(3):456-461 REF

Sep 1969 421 M85

Aedes aegypti, Chemical control (insects), Electrophoresis, Esterases, Insect biochemistry, Insecticides, Malathion, Parathion, Tolerances.

CROP PROTECTION

PEST AND DISEASE CONTROL SCHEDULES.

Anonymous

Plant Protect Bull 19(1):1-5

1967 421 P69

Benzene hexachloride, Chemical control (pests), Chemical control (plant diseases), Corn, D, 2,4-, DDT, Endrin, Malathion, Pest control, Plant disease control, Wheat, Zinc phosphide.

THE SAPROPHYTIC FUNGUS HYSTEROGRA-PHIUM MORI (SCHW.) REHM, GROWING ON JUNIPERUS, A NEW SPECIES FOR CZECHOSLOVAKIA. (CZ

Praze Sb Vysoke Sk Zemed (SER A):77-85 REF

Fungus diseases (plants), Juniperus, Plant geography, Plant taxonomy, Saprophytic fungi. German and Russian summaries

15457-69

METHODS OF APPLICATION FOR THE USE OF LIQUID PRODUCTS IN SOIL FUMIGA-TION. (GE)

H Lenzner

Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):224-225

Jan 1969 410.9 G31M

Methodology, Pesticide application, Soil fumigation. English abstract.

THE APPLICATION TECHNIQUE OF GRANU-LATED SOIL FUMIGANTS. (GE

A Schneider H Will J Kradel

Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):226-230

Jan 1969 410.9 G31M

Methodology, Pesticide application, Soil fumigation. English abstract.

DETERMINATION OF INDOLE DERIVATIVES IN PLANT MATERIAL. VIII. THE CONTENT OF GLUCOBRASSICINE IN VARIOUS RACES OF BRASSICA OLERACEA VAR. SABAUDA AND BRASSICA OLERACEA VAR. CAPITATA AND ITS RELATION TO THE GROWTH IN THESE PLANTS. (CZ

M Valenta

Praze Sb Vysoke Sk Zemed (SER A):29-42 REF 1966 S13.P72

Brassica oleraeea, Cabbage, Indole compounds, Plant biochemistry, Plant physiology, Plant regulators, Plant tissues. English and Russian summaries.

15460-69

DETERMINING THE INDOLE DERIVATIVES THE NATURAL MATERIAL. VII. FLUORIMETRIC DETERMINATION OF THE INDOLE-3-ACETIC INDOLE-3-ACID, PROPIONIC ACID AND INDOLE-3-BUTYRIC ACID. (CZ

M Valenta M Kutacek

Praze Sb Vysoke Sk Zemed (SER A):19-27 REF 1966 S13.P72

Fluorometry, Indoleacetic acid, Indolebutyric acid, Plant biochemistry, Plant extracts, Propionic acid, Vegetables. English and Russian summaries.

15461-69

ECONOMIC APPLICATION OF PESTICIDES IN GLASS-HOUSES. (GE)

E Wendland H Junker H Kees

Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):220-223

Jan 1969 410.9 G31M

Greenhouses, Methodology, Pesticide application. English abstract

15462-69

MATURATION OF SCLEROTIA PRODUCED BY SCLEROTIUM ROLFSII.

L Wu

Int Congress Photobiol Abs 5:40

1968 QH651.15

Biosynthesis, Carotenoids, Fungi, Light, Melanins, Oxygen, Pigments (plant), Plant physiology, Sclerotium rolfsii.

DISEASES

15463-69

OBSERVATIONS ON THE GLADIOLUS NECROTIC DISEASE. (FR)

Ann Epiphyt 19(OUTSIDE SERIES):189-195 1968 464.9 F84AN

Gladiolus, Necrosis, Soil-borne plant diseases, Virus diseases (plants). English and German ab-

CATTLE MASTITIS BREAKTHROUGH.

Anonymous

Agr Soc Trinidad Tobago J 69(1):555-557

Mar 1969 8 T73

Antibiotics, Cattle, Dipping, Hypochlorites, Livestoek diseases, Mastitis.

PURIFICATION OF TURNIP YELLOW MOSA-IC VIRUS REPLICASE IN A FORM DEPEN-DENT ON THE MODEL. (FR)

S Astier-Manifacier P Cornuet

Acad Sci Compt Rend Ser D 269(11, 2ND SEMESTER):1039-1042 15 Sep 1969 505 P21

Biochemistry, Yellow mosaic (turnips).

EFFICIENCY OF THE SEROLOGICAL MICRO-METHOD APPLIED TO DETERMINATION OF THE SOUNDNESS OF POTATO SEEDINGS. (FR)

H Augier J Hir P Corre P Lann Ann Epiphyt 18:217-226 1967 464.9 F84AN

Agar, Culture media, Diagnosis, Immunology, Potatoes, Serological tests, Virus diseases (plants), Virus Y. English and German summaries

HOW TO COLLECT, PREPARE AND SHIP PLANT MATERIAL FOR DISEASE IDENTIFI-

R Aycock H R Garriss J C Wells N C Pesticide Manual 00(00):18-19

1968 79.8 N81

Antibiotics, Chemical control (plant discases), Copper fungicides, Diagnosis, Fumigants, Fungus diseases (plants), Literature, Mercury compounds, Organic compounds, Plant diseases, Sulfur compounds, Surveys.

HOW TO COLLECT, PREPARE AND SHIP PLANT MATERIAL FOR DISEASE IDENTIFI-CATION.

R Aycock H R Garriss J C Wells N C Pesticide Manual 00(00):18-22 1967 79.8 N81

Fungicides, Plant diseases, Plant storage.

15469-69

ORNAMENTAL AND FLORAL CROPS DIS-EASE CONTROL.

R Aycock R D Milholland J C Wells H R Garriss N C Pesticide Manual 00(00)92-96

1968 79.8 N81

Chemical control (plant diseases), Crops, Fungicides, Fungus discases (plants), Nematocides, Ornamental plants, Pesticide application, Plant disease control, Plant nematodes, Surveys.

RNA SYNTHESIS IN TOBACCO LEAVES IN-FECTED WITH TOBACCO MOSAIC VIRUS.

P Babos G B Shearer

Virology 39(2):286-295 REF

Oct 1969 448.8 V81

Leaves, Plant biochemistry, Ribonucleic acid, Synthesis, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15471-69

CONTRIBUTION TO THE STUDY OF SOYBEAN BACTERIAL DISEASE IN WESTERN SERBIA. (CZ)

M Babovic R Numic

Zastita Bilja 12(91-92):331-335 REF

1966 464.8 Z1

Acids, Bacterial diseases (plants), Culture media, Morphology, Nicotiana glutinosa, Pseudomonas glycinea, Pseudomonas tabaci, Soybeans, Tobacco. English summary

15472-69

EVIDENCE THAT DOWNY MILDEW (SCLEROSPORA SORGHI) OF SORGHUM IS SEEDBORNE.

D C Bain W W Alford

Plant Dis Rep 53(10):802-803

Oet 1969 1.9 P69P

Fungus diseases (plants), Sclerospora sorghi, Seedborne plant diseases, Sorghum.

15473-69

A SURVEY AND CAUSAL ORGANISMS OF TWIG BLIGHT DISEASE OF MANDARIN ORANGES IN DARJEELING DISTRICT, WEST BENGAL, INDIA.

S K Banerjee S K Mukhcrji

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(6):350-354

Jun 1967 464.8 Z3

Citrus, Colletotrichum gloeosporioides, Fungus diseases (plants), Fusarium solani, Fusarium stilboides, Mandarin oranges, Twig blight.

INCIDENCE OF MACROPHOMINA PHASEOLI (MAUBL.) ASH., (RHIZOCTONIA BATATICOLA TAUB.) IN FRENCH BEANS (PHASEOLIS VULGARIS L.) AND OTHER CUL-TIVATED PLANTS.

M Barreto Figueiredo J Teranishi R M G

Biologico 35(5):105-109 REF

May 1969 442.8 B529

Beans, Fungus diseases (plants), Macrophomina phaseoli, Myeology, Surveys.

RESEARCH INTO STEM PITTING, EPINASTY AND CHLOROTIC LEAF SPOT OF APPLES. (GER)

G Baumann

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):645-659 REF Nov 1967 464.8 Z3

Apples, Chlorotic leafspot, Crabapples, Decline, Epinasty, Injections, Stem pitting, Virus diseases (plants). English summary

15476-69

THE CURRENT STATUS OF THE KNOWLEDGE OF THE X GROUP OF POTATO VIRUSES. (GE)

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):204-208 REF

1969 448.3 C33 (1)

Morphology, Mosaic, Physiology, Potatoes, Reviews, Virus diseases (plants), Virus X. English abstract.

15477-69

INFLUENCE OF SOME PESTICIDES ON VARI-OUS SOURCES OF YEAST. (FR

P Bidan M Demcaux

Phytiat-phytopharm 15(3):147-163

1966 464.8 P564

Chlorinated hydrocarbons, DDT, Fermentation, Fungicides, Pesticides, Yeasts.

15478-69

STEM CANKER. I. OBSERVATIONS ON KNOB-BY SECOND GROWTH.

H G Blanco J Casado Montojos

Rubber Res Inst Malaya Plant Bull (102):103-104 May 1969 78.9 R825

BIBLIOGRAPHY

15479-69

Cultural control (plant diseases), Fungus diseases (plants), Hevea, Humidity, Petrolatum, Phytophthora, Plant diseases, Plant nutrition, Plant physiology, Potatoes, Pythium, Temperature.

15479-69

PHYSIOLOGICAL DISEASES IN POTATOES (SOLANUM TUBEROSUM L.). I. OBSERVATIONS ON KNOBBY SECOND GROWTH.

H G Blanco J Casado Montojos

Biologico 35(5):110-115 REF

May 1969 442.8 B529

Humidity, Plant diseases, Plant nutrition, Plant physiology, Potatoes, Temperature.

15480-69

THE RASPBERRY RINGSPOT VIRUS AND ITS CELL INCLUSION BODIES. (GE

M Bujas D Millicic

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):209-213

1969 448.3 C33 (1)

Inclusion bodies, Plant physiology, Raspberries, Ring spot, Virus diseases (plants). English abstract.

15481-69

AN ANTHRACNOSE OF CELERY CAUSED BY COLLETOTRICHUM ORBICULARE (BERK, AND MONT.) ARX.

D J Burden

Queensland J Agr Anim Sci 26(2):277-281

Jun 1969 23 Q37

Anthracnose, Celery, Colletotrichum, Diagnosis, Fungus diseases (plants), Pathogenicity.

15482-69

RESISTANCE OF THE RED BEET CULTIVAR AVONEARLY TO INFECTION BY PERONOSPORA FARINOSA F.SP. BETAE.

A G Channon

Plant Pathol 18(2):89-93

Jun 1969 464.8 P692

Beets, Cultural control (plant diseases), Fungus diseases (plants), Peronospora farinosa, Plant disease resistance, Roots, Seeds, Temperature.

15483-69

MECHANISM OF PHOTOREACTIVATION OF PLANT VIRUSES.

M Chessin A K Mukhcrjec

Int Congress Photobiol Abs 5:47

1968 QH651.15

Photochemistry, Temperature, Virology, Virus diseases (plants).

15484-69

STRAWBERRY DISEASE CONTROL.

C N Clayton J C Wells

N C Pesticide Manual 00(00):78

1968 79.8 N81

Captan, Fungicides, Fungus diseases (plants), Nematocides, Pesticide application, Plant disease control, Plant nematodes, Strawberries, Thiram.

15485-69

APPLE SPRAY PROGRAM.

C N Clayton J Falter

N C Pesticide Manual 00(00):68-69

1967 79.8 N81

Apples, Fungicides, Orchards, Spraying.

15486-69

BUNCH GRAPE SPRAY PROGRAM.

C N Clayton H R Garriss J Falter N C Pesticide Manual 00(00):70

1967 79.8 N81

Anthracnose, Chemical control (insects), Chemical control (plant diseases), Fungus diseases (plants), Grapes, Insect control, Spraying.

15487-69

STUDY OF THE FIRST STAGES OF THE INFECTION OF (VINCA ROSEA) L. BY (CLOVER, PHYLLODY) VIRUS FROM IT INCULATED POINT BY MEANS OF GRAFTING. (FR)

M T Cousin C Grison

Ann Epiphyt 18:183-188

1967 464.9 F84AN

Clover, Injections, Nodules (plants), Phyllody, Plant disease transmission, Plant grafting, Vinca rosea, Virus diseases (plants). English and German summaries

15488-69

INFECTION OF BEAN ROOT- MERISTEMS BY TOBACCO RINGSPOT VIRUS.

N C Crowley E M Davison R I B Francki G K Owusu

Virology 39(2):322-330 REF

Oct 1969 448.8 V81

Electron microscopy, Peas, Plant cytology, Plant physiology, Ring spot, Roots, Tobacco, Virus diseases (plants).

15489-69

OBSERVATION ON NEGATIVELY STAINED TOBACCO RINGSPOT VIRUS AND ITS TWO RNA-DEFICIENT COMPONENTS.

E M Davison R 1 B Francki

Virology 39(2):235-239 REF

Oct 1969 448.8 V81

Electron microscopy, Ribonucleic acid, Ring spot, Staining, Tobacco, Virus diseases (plants).

15490-69

IDENTIFICATION, PURIFICATION AND IMMUNO-ELECTROPHORETIC ANALYSIS OF THE CARNATION MOTTLE AND RINGSPOT VIRUSES. (FR

J C Devergne L Cardin

Ann Epiphyt 18:65-83 REF

1967 464.9 F84AN

Agar, Antigens, Centrifugation, Culture media, Dianthus caryophyllus, Electrophoresis, Immunology, Morphology, Mottle, Ring spot, Serological tests, Virology, Virus diseases (plants). English and German summary

15491-69

UTILIZATION OF THE SEROLOGICAL REACTION IN IMMUNODIFFUSION FOR THE CARNATION MOTTLE VIRUS AS A DIAGNOSTIC TEST. (FR)

J C Devergne L Cardin

Ann Epiphyt 18:85-103 REF

1967 464.9 F84AN

Agar, Antigens, Chenopodium, Culture media, Diagnosis, Dianthus caryophyllus, Immunology, Indexing, Mottle, Mottle (carnations), Serological tests, Virus discases (plants). English and German summaries

15492-69

RECOGNITION OF THE BLOTTING BACTERIA OF SOLANUM FROM THE FRENCH WEST INDIES. (FR)

B Digat A Escudie

Phytiat-phytopharm 16(3):187-197 REF

Sep 1967 464.8 P564

Acetic acid, Agglutination, Bacterial diseases (plants), Pseudomonas solanacearum, Serological tests, Solanum.

15493-69

CHANGES IN THE REACTION TO POWDERY MILDEW OF CERTAIN BARLEY CULTIVARS.

D A Doling

Plant Pathol 18(2):56-61

Jun 1969 464.8 P692

Barley, Erysiphe graminis, Fungus diseases (plants), Genes, Plant disease resistance, Plant physiology, Powdery mildew.

15494-69

A RAPID METHOD OF IDENTIFICATION OF PRUNUS NECROTIC RING SPOT. (FR)

J Dunez

Ann Epiphyt 18:115-124 REF

1967 464.9 F84AN

Chenopodium quinoa, Diagnosis, Indexing, Leaves, Methodology, Necrotic ring spot, Peaches, Plant ecology, Plant extracts, Prunus, Serological tests, Trees, Virus diseases (plants). English and German summaries

15495-69

CHRYSANTHEMUM ASPERMY VIRUS, SYMPTOMS AND DIAGNOSTIC. (FR)

J Dunez M Monsion

Ann Epiphyt 18:105-113

1967 464.9 F84AN

Aspermy, Chrysanthemum, Diagnosis, Mosaic, Petunia hybrida, Plant extracts, Serological tests, Virus diseases (plants). English and German summaries

15496-69

POSSIBILITIES OF FREEING CHRYSANTHEMUMS FROM MOSAIC AND ASPERMY VIRUSES. (FR)

J. Dunez M. Monsion

Ann Epiphyt 19(OUTSIDE SERIES):165-175 REF

1968 464.9 F84AN

Aspermy, Chrysanthemum, Heat treatment, Mosaic, Petunia, Virus diseases (plants). English and German abstracts.

15497-69

PERSISTENCE OF THE INHIBITORY EFFECT OF MINERAL OIL IN REGARD TO THE TRANSMISSION OF BEET YELLOWS VIRUS BY APHIDS. (FR

A Dutrecq J Vanderveken

Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):66-75

1969 105.1 G285

Beets, Disease transmission, Inhibitors, Myzus persicae, Oils, Virus diseases (plants), Yellows. English abstract.

15498-69

INFLUENCE OF FUNGICIDES AND INSECTI-CIDES ON THE OCCURENCE OF ASPERGIL-LUS ON PEANUT SEEDLINGS. II. SEED TREATMENTS. (GE)

M El-Khadem

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):151-160

Mar 1968 464.8 Z3

Aspergillus, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Insecticides, Peanuts, Plant morphology, Seed treatment, Seedlings, Thiram, Toxicology.

5499-69

SOME OBSERVATIONS ON THE PRESENCE OF CORYNEBACTERIUM FASCIANS (TILFORD) DOWSON IN MARKETABLE AND FLORAL CULTIVATION IN FRANCE. (FR)

A Faivre-Amiot

Phytiat-phytopharm 16(3):165-176

Sep 1967 464.8 P564

Bacterial diseases (plants), Corynebacterium fascians, Crops, Dahlia, Plant galls, Strawberries, Wood decay.

15500-69

EFFECT OF MAIZE DWARF MOSAIC VIRUS INFECTION ON INVASION OF CORN PLANTS BY FUSARIUM MONILIFORME.

M C Futrell G E Scott

Plant Dis Rep 53(8):600-602

Aug 1969 1.9 P69P

Corn, Dwarf disease, Fungus diseases (plants), Fusarium moniliforme, Mosaic, Virus diseases (plants).

15501-69

IN-ROW FUNGICIDES FOR SEEDLING DIS-EASE CONTROL IN COTTON.

H R Garriss W E Cooper N C Pesticide Manual 00(00)51

1967-79.8-N81 Cotton, Fungicides, Plant diseases, Seedlings.

15502-69

VEGETABLE SEED TREATMENT.

H R Garriss J C Wells S F Jenkins D L Strider L W Nielsen

N C Pesticide Manual 00(00):138-139 1968 79.8 N81 Chemical control (plant diseases), Fungus diseases (plants), Pesticide application, Plant diseases, Vegetables.

15503-69

DEWBERRY AND RASPBERRY FUNGICIDAL SPRAY PROGRAMS.

H R Garriss C N Clayton

N C Pesticide Manual 00(00):75

1968 79.8 N81

Berries, Bordeaux mixture, Chemical control (plant diseases), Ferbam, Fungicides, Fungus diseases (plants), Raspberries.

VEGETABLE CROP SPRAY AND DUST SCHEDULE FOR DISEASE CONTROL.

HR Garriss J C Wells S F Jenkins D L Strider L W Nielscn

N.C. Pesticide Manual 00(00):127-130 1968 79.8 N81

Chemical control (plant diseases), Dusting, Fungicides, Fungus diseases (plants), Pesticide applica-tion, Spraying, Vegetables.

FIELD CROP SEED TREATMENT.

HR Garriss JC Wells TT Herbert WE Cooper N C Pesticide Manual 00(00):59-60 1968 79.8 N81

Chemical control (plant diseases), Field crops, Fungus diseases (plants), Plant diseases, Seed treatment, Surveys.

IN-ROW FUNGICIDES FOR SEEDLING DIS-EASE CONTROL IN COTTON.

H R Garriss W E Cooper N C Pesticide Manual 00(00):53

1968 79 8 N81

Chemical control (plant diseases), Cotton, Fungicides, Fungus diseases (plants), Seedling disease (cotton).

15507-69

CHEMICALS FOR CONTROL OF PLANT DIS-EASES.

H R Garriss J C Wells

N C Pesticide Manual 00(00):15-17

1967 79.8 N81

Antibiotics, Chemical control (plant diseases), Fumigants, Plant diseases.

15508-69

VEGETABLE SEED TREATMENT.

H R Garriss J C Wells D L Strider L W Niclsen N C Pesticide Manual 00(00):135-136 1967 79.8 N81

Mercury eompounds, Sced treatment, Sced-borne plant diseases, Thiram, Vegetables.

DEWBERRY AND RASPBERRY FUNGICIDAL SPRAY PROGRAMS.

H R Garriss C N Clayton

N C Pesticide Manual 00(00):72

1967 79.8 N81

Berries, Ferbam, Fungicides, Lime-sulfur, Spraying.

15510-69

VEGETABLE CROP SPRAY AND DUST SCHEDULE FOR DISEASE CONTROL.

HR Garriss JC Wells SF Jenkins DL Strider L W Niclsen

N C Pesticide Manual 00(00):124-127

1967 79.8 N81

Chemical control (plant diseases), Dusting, Fungicides, Spraying, Vegetables.

15511-69

SWEET **POTATO** HOUSE STORAGE STERILIZATION.

HR Garriss LW Niclsen DV Phillips N C Pesticide Manual 00(00):119 1967 79.8 N81

Chloropicrin, Fumigation, Mercury, Storage diseases, Sulfur, Sweetpotatoes.

FIELD CROP SEED TREATMENT.

H R Garriss J C Wells T T Hebert W E Cooper N C Pesticide Manual 00(00):57-58

1967 79.8 N81

Chemical control (plant diseases), Crops, Seed treatment, Seed-borne plant diseases.

AN ISOLATE OF NEW RACE 50 OF ERYSIPHE GRAMINIS F. SP. TRITICI ATTACKING THREE WHEAT RESISTANCE SOURCES.

M S Ghemawat

Plant Dis Rep 53(10):834-837 REF

Oct 1969 1.9 P69P

Erysiphe graminis, Fungus diseases (plants), Plant disease resistance, Wheat.

ACTION OF THIABENDAZOLE COMPARED TO THAT OF ETHYLPARATHION ON RYEGRASS CROWN RUST. (FR)

Phytiat-phytopharm 15(3):171-175

1966 464.8 P564

Chemical control (plant discases), Crown rust, Ethyl parathion, Fungicides, Fungus diseases (plants), Lolium, Organophosphorus compounds, Thiabendazole.

15515-69

VIRUSES INFECTING CUCURBITS IN QUEEN-SLAND.

R S Greber

Queensland J Agr Anim Sci 26(2):145-171 REF Jun 1969 23 Q37

Cucurbits, Insect vectors, Mosaic, Pumpkins, Squash, Virology, Virus diseases (plants).

ATTEMPTS AT FIGHTING THE BACTERIAL GROWTH OF THE WALNUTTREE. (FR)

J Grente P J Aversong

Phytiat-phytopharm 16(3):177-186 Sep 1967 464.8 P564

Bacterial diseases (plants), Humidity, Juglans, Oxytetracycline, Streptomycin, Tree diseases, Xanthomonas juglandis.

15517-69

ASSOCIATION OF TOBACCO RATTLE VIRUS WITH MITOCHONDRIA.

B D Harrison 1 M Roberts

J Gen Virol (3.PT 1):121-124

Jul 1968 OR360.A1J6

Mitochondria, Rattle disease, Tobacco, Virus discases (plants).

15518-69

ON THE TRANSMISSION OF TOMATO BLACK RING VIRUS BY LONGIDORUS ATTENUATUS (NEMATODA).

D Harrison

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):226-229 REF

1969 448.3 C33 (1)

Black ring, Cucumbers, Longidorus, Plant discase transmission, Plant nematodes, Tomatoes, Virus diseases (plants).

15519-69

PHOTOREACTIVATION SPECTRUM OF TOBACCO MOSAIC VIRUS-RIBONUCLEIC ACID INACTIVATED BY ULTRAVIOLET RADIATION.

O Hidalgo-Salvatierra A D McLaren Int Congress Photobiol Abs 5:49

1968 OH651.15

Mosaic, Photochemistry, Radiation, Ribonucleic acid, Spectrochemistry, Tobacco, Ultraviolet rays, Virus diseases (plants).

15520-69

THE INFLUENCE OF THE APIIID FORAGE PLANT ON THE VECTOR CAPACITY OF APHIDS. (GE)

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):230-236

1969 448.3 C33 (1)

Insect vectors, Leaf roll, Mosaic, Myzus persicac, Plant disease transmission, Virus diseases (plants), Yellows. English abstract.

AN INCUBATOR USEFUL FOR CULTURING OLPIDIUM BRASSICAE FOR TRANSMISSION OF PLANT VIRUSES.

Virology 39(2):333-335 REF

Oct 1969 448.8 V81

Incubators, Laboratory equipment, Olpidium brassicae, Plant disease transmission, Virus diseases (plants).

15522-69

PURIFICATION AND SEROLOGICAL REACTIONS OF FOUR POLYHEDRAL VIRUSES FROM CRUCIFERAE.

M Hollings O M Stone

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):237-248 REF

1969 448.3 C33 (1)

Brassica, Cruciferae, Electron microscopy, Polyhedroses, Purification, Serological tests, Virus diseases (plants).

15523-69

CROSS PROTECTION TEST WITH FOUR STRAINS OF POTATO VIRUS Y IN NICOTIANA TABACUM L. CV. SAMSUN.

I Horvath

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):249-252 REF

1969 448.3 C33 (1)

Interference phenomenon, Plant discase resistance, Potatocs, Tobacco, Virus Y.

CEPHALOSPORIUM GRAMINEUM CAUSING LEAF STRIPE IN GRASSES, AND ITS SPORODOCHIAL STAGE, HYMENULA CEREALIS, ON CEREALS AND GRASSES.

M J Howell P A Burgess

Plant Pathol 18(2):67-70 REF

Jun 1969 464.8 P692

Avena fatua, Bromus, Cephalosporium gramineum, Dactylis glomerata, Fungus diseases (plants), Grain, Grasses, Stripe.

15525-69

NEW OR UNCOMMON PLANT DISEASES OR PESTS.

D R Humphreys-Jones

Plant Pathol 18(2):96

Jun 1969 464.8 P692 Alternaria, Cruciferae, Fungus diseases (plants), Leaf spot, Seedlings.

STABILIZATION OF PURIFIED POTATO VIRUS X BY DEXTRAN T-10 DURING LYO-PHILIZATION.

E Jermoljev L Albrechtova

Biol Plant 11(5):375-380 1969 450 B52

Dextrans, Lyophilization, Potatoes, Virus diseases (plants), Virus X.

15527-69

INTERACTION BETWEEN VIRAL RNA AND CELLULAR COMPONENTS IN TOBACCO LEAVES INFECTED WITH TOBACCO MOSAIC VIRUS.

Y Kiho Jap J Microbiol 13(3):312-314

Sep 1969 448.8 J273

Plant cytology, Plant extracts, Ribonucleic acid, Tobacco, Tobacco mosaic virus, Virus discases

FINE STRUCTURE OF ZINNIA LEAF TISSUES INFECTED WITH DAHLIA MOSAIC VIRUS.

E W Kitajima J A Lauritis H Swift Virology 39(2):240-249 REF

Oct 1969 448.8 V81

BIBLIOGRAPHY

15529-69

Dahlia, Electron microscopy, Mosaic, Plant cytology, Plant disease transmission, Virus diseases (plants), Zinnias.

15529-69

DARK REACTIVATION OF UV-IRRADIATED TOBACCO NECROSIS VIRUS.

A Kleczkowski

Int Congress Photobiol Abs 5:119

1968 QH651.15

Chenopodium, Irradiation, Necrosis, Photochemistry, Tobacco, Ultraviolet rays, Virus diseases (plants).

15530-69

RESEARCH CONCERNING THE APPEARANCE AND ACTIVITY OF PECTOLYTIC AND CELLULOLYTIC ENZYMES OF PHYTOPATHOGENIC BACTERIA. (GER)

D Knosel

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(3):150-155

Mar 1967 464.8 Z3

Bacterial diseases (plants), Cellulose, Chromatography, Culture media, Erwinia, Pectinase, Plant enzymes, Pseudomonas, Xanthomonas. English summary

15531-69

PURIFICATION AND ELECTRON MICROSCO-PY OF POTATO LEAFROLL VIRUS.

M Kojima E Shikata M Sugawara D Murayama Virology 39(2):162-174 REF

Oct 1969 448.8 V81

Electron microscopy, Leaf roll, Potatoes, Virus diseases (plants), Virus purification.

15532-69

PRELIMINARY RESULTS ON THE IN-FLUENCE OF WETTING AGENTS ON THE BIOLOGICAL EFFECT OF FUNGICIDES. (GE)

J Kradel N Drescher E-H Pommer G Synnatschke Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):212-215

Jan 1969 410.9 G31M

Fungicides, Plant protection, Wetting agents. English abstract

15533-69

VIRUS DISEASES OF HORTICULTURAL PLANTS IN DENMARK.

H R Kristensen

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):253-258

1969 448.3 C33 (1)

Cultural control (plant discases), Fruit, Surveys, Vegetables, Virus diseases (plants).

15534-69

THE EFFECT OF TEMPERATURE ON THE ATTACK OF CERCOSPORELLA HERPOTRICHOIDES FRON. (GER)

M Lange De Camp

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):267-276

1967 464.8 Z3

Ccrcosporella herpotrichoides, Fungus diseases (plants), Grain, Temperature. English summary

15535-69

HEAT TREATMENT OF TOMATO SEEDS. (FR)

H Laterrot P Pecaut

Ann Epiphyt 19(OUTSIDE SERIES):159-164 1968 464.9 F84AN

Heat treatment, Seed treatment, Tohacco mosaic virus, Tomatoes, Virus diseases (plants). English and German abstracts.

15536-69

PERTINANT USE OF HISTOCHEMICAL METHODS OF CURING FLORAL PLANTS INJURED BY BACTERIA. (FR)

M Lemattre L Gerreboo
Phytiat-phytopharm 16(3):141-148

Sep 1967 464.8 P564

Bacterial diseases (plants), Bacteriology, Colorimetry, Dianthus caryophyllus, Geranium, Histochemistry, Microscopy, Plant disease control, Plant injuries, Spectroscopy.

15537-69

APHIDS MAY NOT ACQUIRE AND TRANSMIT STYLET-BORNE VIRUSES WHILE PROBING INTERCELLULARLY.

D Lopez-Abella R H E Bradley

Virology 39(2):338-342

Oct 1969 448.8 V81

Cytology, Electron microscopy, Insect vectors, Myzus persicae, Plant disease transmission, Stylets, Tobacco, Virus diseases (plants).

15538-69

CONTROL OF MOSAIC OF TOBACCO, PEPPERS, AND TOMATOES WITH MILK.

G B Lucas J C Wells F A Todd

N C Pesticide Manual 00(00):61

1967 79.8 N81

Milk, Mosaic, Peppers, Plant disease control, Tobacco, Tomatoes.

15539-69

CONTROL OF MOSAIC OF TOBACCO, PEPPERS, AND TOMATOES WITH MILK.

G B Lucas J C Wells F A Todd N C Pesticide Manual 00(00):64

Milk, Mosaic, Peppers, Plant disease control, Tohacco, Tomatoes, Virus diseases (plants).

15540-69

1968 79 8 N81

BACTERIAL DAMAGE TO WHEAT GRAIN. (FR)

J Luisetti F Rapilly

Ann Epiphyt 18(4):483-493

1967 464.9 F84AN

Bacterial diseases (plants), Grain, Plant disease resistance, Seed germination, Wheat. English summary

15541-69

ON THE STOLBUR VIRUS IN RED PEPPER (CAPSICUM ANNUM) L. (FR

G Marchoux C M Messiaen
Ann Epiphyt 18:179-182 REF

1967 464.9 F84AN

Bush redpeppers (vegetable), Datura stramonium, Injections, Plant disease transmission, Solanaceae, Stolbur, Virus diseases (plants). English and German summaries

15542-69

INHIBITORY EFFECT OF RED-PEPPER LEAVES (CAPSICUM ANNUUM L.) ON THE INFECTION OF SOME VIRUSES OF THEIR ULTRA-SUSCEPTIBLE HOSTS. (FR)

G Marchoux

Ann Epiphyt 18:35-45 REF

1967 464.9 F84AN

Bush redpeppers (vegetahle), Cowpeas, Culture media, Dialysis, Leaves, Plant disease resistance, Plant extracts, Tohaeco, Virus diseases (plants). English and German summaries.

15543-69

THE SHOT-HOLE DISEASE OF THE MELON. PRELIMINARY STUDY OF A NEW VIRAL DISEASE OF THE GLASS-HOUSE-GROWN MELON. (FR)

J Marrou G Risser

Ann Epiphyt 18:193-203

1967 464.9 F84AN

Chenopodium amaranticolor, Chenopodium quinoa, Cucurbita, Fruit, Greenhouse culture, Insect vectors, Leaves, Muskmelons, Plant disease transmission, Plant physiology, Sap, Seedlings, Shothole, Soil-horne plant diseases, Temperature, Virus diseases (plants), Watermelons. English and German summaries

15544-69

METHOD FOR TESTING THE HEALTH CONDITION OF LETTUCE SEEDS, (FR

J Marrou C M Messiaen A Migliori Ann Epiphyt 18:227-248 REF 1967 464.9 F84AN Chenopodium, Injections, Lettuce, Pfant biochemistry, Plant disease transmission, Seeds, Tables (data), Virus diseases (plants). English and German summaries

15545-69

TEST FOR PROTECTING MELON AND MARROW PLANTS AGAINST THE CUCUMBER MOSAIC VIRUS. (FR)

J. Marrou C-M. Messiaen

Ann Epiphyt 19(OUTSIDE SERIES):147-157 REF

1968 464.9 F84AN

Cucumber mosaic virus, Cucumis melo, Cultural control (plant diseases), Oil sprays, Polyethylene, Pumpkins, Virus diseases (plants). English and German abstracts.

15546-69

PATTERN OF DISTRIBUTION OF STEPHANITIS TYPICUS DISTANT (HETEROPTERA: TINGIDAE), A PEST OF COCONUT PALM, ON ITS HOST PLANT.
K Mathen J Mathew C Kurian

Indian J Agr Sci 39(1):57-61

Jan 1969 22 AG831

Coconuts, Plant pests, Stephanitis, Tingidac.

15547-69

INVESTIGATIONS ON THE STAIN BACTERIAS OF CARNATIONS DUE TO PECTOBACTERIUM PARTHENII VAR. DIANTHICOLA HELLMERS, (FR

S Mercier J C Pionnat R Tramier Phytiat-phytopharm 16(3):149-156

Sep 1967 464.8 P564

Bacterial diseases (plants), Dianthus caryophyllus, Peetobacterium parthenii dianthicola, Plant dissemination, Plant morphology.

15548-69

BLUEBERRY SPRAY PROGRAM.

R D Milholland H H Neunzig J Falter

N C Pesticide Manual 00(00):69 1967 79.8 N81

Blueherries, Chemical control (insects), Insect control, Leafspot, Spraying.

15549-69

BROMEGRASS MOSAIC VIRUS IN YUGOSLAVIA. (CZ)

D Milicic E Proll J Richter N Juretic Zastita Bilja 12(91-92):213-220 REF 1966 464 8 Z1

Bromus, Mosaic, Virus diseases (plants).

15550-69

A VIRUS DISEASE DISTINCT FROM THE CHLOROTIC LEAF-ROLL DISEASE; THE ROSETTE OF THE APRICOT-TREE, VAR. (LUIZET). (FR

G Morvan C Castelain

Ann Epiphyt 18:205-216 REF

1967 464.9 F84AN

Apricots, Chlorosis, Crop varieties, Leaves, Plant disease transmission, Plant grafting, Rosette, Trees, Vegetation, Virus diseases (plants). Other species mentioned were: Prunus davidiana, P. dasycarpa, P. mume, and P. spinosa. Summary in English and

15551-69

RESEARCH ON POTATO VIRUSES IN INDIA.

B B Nagaich H O Agrawal Indian J Agr Sci 39(3):286-296 REF

Mar 1969 22 AG831 Heat treatment, Insect vectors, Potatoes, Seed potatoes, Virus diseases (plants).

15552-69

PRODUCTION OF DISEASE-FREE SEED POTATOES IN THE INDO-GANGETIC PLAINS. B B Nagaich V P Pushkarnath B K Bharadwaj S

R Giri Š K Anand Indian J Agr Sci 39(3):238-243

Mar 1969 22 AG831

Potatoes, Seed potatoes, Virus diseases (plants).

NEW DISEASE AGENT OF WHEAT, KHUSKIA ORYZAE HUDSON. (GER)

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):659-663, MAP

Nov 1967 464.8 Z3

Corn, Ear rot, Fungus diseases (plants), Nigrospora oryzae, Plant taxonomy, Wheat. English summary

INFECTION THROUGH CELL LESIONS AND INVESTIGATION INTO THE INFECTIOUS DILUTION CURVES OF TOBACCO MOSAIC VIRUS. (GE

D Noordam

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):272-276 REF

1969 448.3 C33 (1) Mosaie, Plant disease transmission, Tobaeco, Tobaeco mosaie virus, Virus diseases (plants). English abstract.

15555-69

ON THE PARTIAL PURIFICATION OF CHRYSANTHEMUM B-VIRUS AND PRODUC-TION OF A HIGH TITER ANTISERUM. (GE)

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):277-281

1969 448.3 C33 (1)

Antiserum, Chemical control (plant diseases), Chrysanthemum, Purification, Tobaeco, Virus diseases (plants). English abstract.

BROKEN LEAF, A NEW COCONUT DISEASE IN THE CARIBBEAN AREA.

J G Ohler

Agr Soc Trinidad Tobago J 69(1):569-580 REF Mar 1969 8 T73

Coconuts, Diagnosis, Leaves, Plant diseases, Plant nutrition, Soil moisture.

15557-69

CITRUS BROWN ROT IN QUEENSLAND.

B L Oxenham Y N Stone

Queensland J Agr Anim Sci 26(2):173-180 Jun 1969 23 Q37

Brown rot, Citrus, Fungus diseases (plants), Phytophthora eitrophthora, Phytophthora parasitica nieotianae.

THE BREEDING OF LUCERNE MEDICAGO SATIVA L. FOR RESISTANCE TO VERTICILLIUM ALBO-ATRUM RKE. ET BERTH. III. TRANSGRESSIVE SEGREGATION IN F3 AND THE EFFECT ON RESISTANCE OF CERTAIN CYCTEMS OF INTERPRINE SYSTEMS OF INBREEDING.

C A Panton

Hereditas 57(1-2):115-126

1967 442.8 H42

Alfalfa, Fungus diseases (plants), Plant breeding, Plant disease resistance, Plant genetics, Seedlings, Vertieillium albo-atrum

15559-69

FUNGICIDES IN FORESTRY IN GREAT BRITAIN.

D H Phillips

J Sci Food Agr 20(8):503-504 REF

Aug 1969 382 SO12

Botrytis einerea, Chemical control (plant diseases), Fomes, Forestry, Fungicides, Lophodermium pinastri.

SWEET POTATO PLANT TREATMENT.

D V Phillips L W Niclsen

N C Pesticide Manual 00(00)122

1968 79.8 N81

Chemical control (plant diseases), Cultural control (plant diseases), Fungus diseases (plants), Phenylmercuric compounds, Swect potatoes.

15561-69

SWEET POTATO PLANT TREATMENT.

D V Phillips L W Nielsen

N C Pesticide Manual 00(00):119

1967 79.8 N81

Black rot, Chemical control (plant diseases), Fungus diseases (plants), Phenylmereuric compounds, Seurf, Sweetpotatoes.

MECHANICAL TRANSMISSION OF BEET YELLOWS VIRUS TO CHENOPODIUM QUIN-OA WILLD. AND CHENOPODIUM FOLIOSUM (MOENCH) ASCIL.

J Polak O Klir

Biol Plant 11(5):366-369 REF

1969 450 B52

Beets, Chenopodium, Chenopodium quinoa, Disease transmission, Virus diseases (plants), Yellows.

15563-69

A BARLEY NECROSIS-PRODUCING VIRUS. (GE)

I V Pop

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):282-287

1969 448.3 C33 (1)

Barley, Chenopodium amaranticolor, Diagnosis, Neerosis, Virus diseases (plants). English abstract.

THE INCIDENCE OF TOBACCO MOSAIC VIRUS IN PLASTIDS OF ETIOLATED TOBAC-CO LEAVES.

M J Pratt

Virology 39(2):344-346

Oet 1969 448.8 V81

Electron microscopy, Leaves, Plant cytology, Plastids, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15565-69

ON THE TRANSMISSION OF FIG MOSAIC VIRUS BY THE GALL MITE ACERIA FICUS COTTE. (GE)

G Proeseler

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):288-292

1969 448.3 C33 (1)

Aceria, Figs, Insect veetors, Mites, Mosaic, Plant disease transmission, Virus diseases (plants). English abstract.

15566-69

DIFFERENCIATION OF BIOCHEMICAL TYPES OF SOURCES OF PSEUDOMONAS SOLANACEARUM (SMITH) SMITH. (FR)

Phytiat-phytopharm 16(3):199-204 REF

Sep 1967 464.8 P564

Baeterial diseases (plants), Butyrie acid, Environ-ment, Plant biochemistry, Pseudomonas solanacearum, Sugar.

15567-69

THE INFLUENCE OF VARIATIONS IN THE MICROFLORA OF A STERILIZED SOIL ON THE GENESIS OF CERTAIN PLANT DIS-EASES. II. STUDY OF THE BEHAVIOUR OF MICROORGANISMS INTRODUCED INTO STEAM-STERILIZED SOIL. (FR)

F Rapilly A Coleno

Ann Epiphyt 18(4):495-507 REF

1967 464.9 F84AN

Aetinomura repens, Ammonification, Botrytis einerea, Erwinia earotovora, Nitrification, Peetins, Plant diseases, Pseudomonas phaseolicola, Soil sterilization, Soil-borne plant diseases. English summary

15568-69

THE FREQUENCY OF FUSARIA IN SOILS OF FIELDS EÎTHER WITH OR WITHOUT MAIZE IN CROP ROTATION. (GER)

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):664-666 REF

Nov 1967 464.8 Z.3

Corn, Crop rotation, Fungus diseases (plants), Fusarium avenaeeum, Fusarium eulmorum, Land, Soil-borne plant diseases, Stalk rot.

15569-69

SCLEROPHTHORA MACROSPORA (SACC.) TIIIRUM. ET AL E8SYN.: SCLEROSPORA MACROSPORA SACC.) ON SUGARCANE.

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(2):83-101 REF

Feb 1967 464.8 Z3

Fungus diseases (plants), Plant physiology, Plant Selerophthora maerospora, senescence. Selerospora maerospora, Sugareane.

VARIABILITY OF THE GERMINAL SPORES OF SOME USTILAGINALES LIMITED BY X-RAYS. (GE)

A Savuleseu D Becereseu

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):293-298

1969 448.3 C33 (1)

Plant morphology, Spore germination, Spores, Ustilaginales, X-rays. English abstract.

15571-69

MODIFICATION IN THE NUCLEAR STRUCTURE OF TOBACCO INFESTED WITH TOBACCO MOSAIC VIRUS AT 32 DEGREES C. (FR)

R Sealla C Martin B Choste R Meignoz Acad Sci Compt Rend Ser D 269(4, 2ND SEMESTER):466-468

28 Jul 1969 505 P21

Cell nucleus, Plant cytology, Temperature, Tobaeeo, Tobaceo mosaie virus.

PROPERTIES AND SEROLOGY OF PLUM POX VIRUS. (GE)

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):299-304 REF 1969 448.3 C33 (1)

Plum pox (plums), Plums, Serological tests, Tobaeeo, Virus discases (plants). English abstract.

LYCIUM HALIMIFOLIUM MILL, A POTENTIAL RESEVOIR OF CUCUMBER MOSAIC VIRUS. (GE)

K Schmelzer

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(2):305-309 REF

1969 448.3 C33 (1)

Cucumhers, Host indexing (plants), Mosaie, Myzus persieae, Solanaeeae, Virus diseases (plants). English abstract.

15574-69

INVESTIGATION INTO A SPOT AND STREAK FORMATION ON HEMP (CANNABIS SATIVA L.). (GE)

H E Schmidt E Karl

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):310-314

1969 448.3 C33 (1)

Arabis, Hemp, Mosaie, Plant disease transmission. Serological tests. English abstract.

15575-69

OBSERVATIONS ON EPIDOMOLOGY AND EX-PERIMENTS TO DECREASE DAMAGE OF THE ALFALFA LEAF-SPOT DISEASE. (GER)

M Schmiedekneeht

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):290-302

1967 464.8 Z3

Alfalfa, Epidemiology, Fungus diseases (plants), Leaf spot, Plant disease control, Plant injuries, Proteins, Pseudopeziza medicaginis. English summary

15576-69

COMBINED APPLICATION OF LEAF FERTIL-IZERS AND FUNGICIDES. (GE

A Schneider H-h Nolle

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):142-146

Mar 1968 464.8 Z3

Chemical control (plant diseases), Fertilizers, Fungicides, Fungus diseases (plants), Leaves, Pesticide application, Phytophthora infestans, Polyethylene sulfides, Tomatoes, thiuram propylenebis(dithiocarbamate).

15577-69

RESEARCH INTO BLOSSOM INFECTION: II. BROWN ROT OF SOUR CHERRIES (PRUNUS CERASUS L.). III. FRUIT ROT OF THE STRAWBERRY (FRAGARIA VESCA). IV. STONE FRUITS. (GER)

F Schonbeck

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(2):67-71

Feb 1967 464.8 Z3

Aureobasidium pullulans, Brown rot, Fruit, Fungus diseases (plants), Injections, Rot, Sour cherries, Strawberries. English summary

ON THE OCCURRENCE OF COCKSFOOT STREAK VIRUS. (GE)

K Schumann

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):315-319 REF 1969 448.3 C33 (1)

Dactylis, Diagnosis, Streak, Surveys, Virus discases (plants). English abstract.

INVESTIGATION INTO THE INFLUENCE OF DAY LENGTH ON THE REPRODUCTION OF POTATO-X AND TOBACCO MOSAIC VIRUS IN SOLANACEAE OF DIFFERING DIFFERING PHOTOPERIODIC SENSITIVITY. (GE)

G Schuster

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):319-325 REF 1969 448.3 C33 (1)

Hyoscyamus, Photoperiodism, Potatoes, Solanaceae, Tobacco mosaic virus, Virus diseases (plants), Virus X. English abstract.

15580-69

ANALYTICIAL RESTRAINT OF RESEARCH ON THE RESPIRATORY METABOLISM OF IN-FECTIOUS VIRUS ON HEALTHY POTATO NODULES AND SPROUTS. (GE)

G Schuster

Z Pflanzenkrankh (pflanzenpathoł) Pflanzenschutz 74(5):276-290 REF

1967 464.8 Z.3

Glycolysis, Metabolism, Nodules (plants), Oxygen, Pentoses, Phosphates, Plant growth inhibitors, Potatocs, Respiration, Tricarboxylic acid cycle, Virology, Virus diseases (plants). English summary

TESTING THE SUSCEPTIBILITY OF VINE VARIETIES TO (FLAVESCENCE DOREE) BY MEANS OF INOCULATION BY (SCAPHOIDEUS LITTORALIS) BALL. (FR)

D Schvester P Carle G Moutous

Ann Epiphyt 18:143-150

1967 464.9 F84AN

Cicadellidae, Climbing plants, Golden flavescence, Injections, Insect vectors, Plant disease resistance, Plant hardiness, Scaphoideus littoralis, Virus diseases (plants). English and German summaries

15582-69

VEGETABLE INSECTS.

H E Scott C H Brett

N C Pesticide Manual 00(00):128-134

1967 79.8 N81

Chemical control (insects), Dusting, Insect pests, Insecticides, Spraying, Vegetables.

INCREASE OF TOBACCO MOSAIC VIRUS MULTIPLICATION AND LESION SIZE IN HYPERSENSITIVE HOSTS IN THE PRESENCE OF CHLORAMPHENICOL.

B Sela G Loebenstein T Van Praagh Virology 39(2):260-264

Oct 1969 448.8 V81

Cbloramphenicol, Hypersensitivity, Tob Tobacco mosaic virus, Virus diseases (plants). Tobacco,

THE INCOPORATINS ON 14C URIDINE IN FRAGMENTS OF BARLEY LAVES INFECTED WITH BROMEGRASS MOSAIC VIRUS. (FR)

J Semal J Kummert

Ann Epiphyt 18:11-19 REF

1967 464.9 F84AN

Barley, Bromus, Carhon isotopes, Chemical con-trol (plant diseases), Injections, Leaves, Mosaic, Plant biochemistry, Uridine, Virus diseases Plant biochemistry, Uridine, Viru (plants). French and German summary

CONSIDERATIONS ON CHEMOTHERAPEU-TICS RESEARCH IN PLANT VIROLOGY. (FR)

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):326-329 REF

1969 448.3 C33 (1)

Barley, Cabbage, Drug therapy, Inhibitors, Mosaic, Plant diseases, Radioactive tracers, Ribonucleic acid, Synthesis, Tobacco, Virus diseases (plants). English and German abstracts.

15586-69

PRODUCTION OF VEGETABLE VARIETIES RESISTANT TO DISEASES. (RUS)

P B Semerdjiev

Priroda (Sofia) (3,MAY-JUN):34-38

Jun 1967 410 P934

Cucumbers, Plant breeding, Plant disease resistance, Plant diseases.

A RING-SPOT DISEASE OF ALLAMANDA CATHARTICA LINN, AND SOME PHYSICAL PROPERTIES OF ITS CAUSAL AGENT.

K M Silherschmidt R Herbas

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):330-335

1969 448.3 C33 (1)

Diagnosis, Plant diseases, Ring spot, Shrubs, Virology, Virus diseases (plants).

TIIE RASPBERRY STEM GALL MIDGE (LASIOPTERA RUBI) A LITTLE KNOWN PEST OF RASPBERRY. (CZ)

D Simova-Tosic K Dobrivojevic Zastita Bilja 12(91-92):323-330

1966 464.8 Z1

Blackherries, Cecidomyiidae, Flora, Gall-making insects, Insect pests, Larvae, Lasioptera ruhi, Parasitic insects, Raspberries, Stem. English sum-

CONTRIBUTION TO THE SEROLOGICAL SURVEY OF PLANT VIRUSES BY THE MICRO-ELECTROPHORETIC TECHNIQUE APPLIED TO AGAR-AGAR MEDIA. (FR)

D Spire

Ann Epiphyt 18:47-63 REF

1967 464.9 F84AN

Agar, Culture media, Electrophoresis, Host indexing (plants), Hydrogen-ion concentration, Immunology, Mosaic, Plant extracts, Proteins, Scrological tests, Virology, Virus diseases (plants). English and German summaries

NOTE ON THE MIGRATION RATE OF THE VIRUS (S) FROM THE POTATO LEAVES TO THE TUBERS. (FR)

D Spire Y Maury J Bertrandy Ann Epipliyt 18:189-191 1967 464.9 F84AN

and German summaries

Injections, Leaves, Plant disease transmission, Potatoes, Virus diseases (plants), Virus s. English

RESEARCH CONCERNING LEAF SCORCH (SPECIES APHELENCHOIDES FRAGARIAE) INFECTING STRAWBERRIES. (GE) H Strumpel

Z Pflanzenkranklı (pflanzenpathol) Pflanzenschutz 75(3):129-142 REF

Mar 1968 464.8 Z3

Aphelenchoides fragariae, Bacterial diseases (plants), Corynebacterium fascians, Leaf seorch, Microclimate, Nematode vectors, Strawberries,

INTENSITY OF PRESENCE AND ECONOMI-CAL IMPORTANCE OF MORE IMPORTANT DISEASES AND PESTS OF SMALL GRAINS IN THE YEAR OF 1967 IN POLAND, (PO)

Poznan Inst Ochrony Roslin Biul (39):23-55 MAP 1968 464.9 P87

Crop losses, Fungus diseases (plants), Grain, Plant diseases, Surveys. English and Russian abstracts.

FURTHER EXPERIMENTS ON THE GLASS TUBE METHOD TO CONTROL DEGENERA-TION OF POTATOES.

I Szirmai

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):336-339

1969 448.3 C33 (1)

Diagnosis, Methodology, Phenolases, Potatoes, Virus diseases (plants), Virus X, Virus Y.

IDENTIFICATION AND DETERMINATION OF ORGANOMERCURIAL FUNGICIDE RESIDUES BY THIN-LAYER AND GAS CHROMATOG-RAPHY.

J O'G Tatton P J Wagstaffe

J Chromatography 44(2):284-289

28 Oct 1969 475 J824

Apples, Chemical analysis, Chromatography, Fungicides, Mercury compounds, Organic compounds, Pesticide residues, Potatoes, Tomatoes.

RESISTANCE TO BACTERIAL CANKER IN TOMATO, AND ITS EVALUATION.

B D Thyr

Phytopathology 58(3):279-281 REF

Mar 1968 464.8 P56

Bacterial canker, Bacterial diseases (plants), Corynebacterium michiganense, Plant disease resistance, Tomatoes.

15596-69

TOBACCO--WILDFIRE CONTROL IN BURLEY PLANT BEDS.

F Todd C J Nusbaum

N C Pesticide Mannal 00(00):61

1968 79.8 NSI

Antihiotics, Bacterial diseases (plants), Plant disease control, Tohaeco, Wildfire (tobacco).

TOBACCO-BLUE MOLD AND ANTHRAC-NOSE CONTROL, ASHEVILLE.

F A Todd C J Nusbaum G B Lucas

N C Pesticide Manual 00(00):61

Anthracnose, Chemical control (plant diseases), Ferham, Fungicides, Manch, Plant diseases, Polyram, Tobacco.

TOBACCO-BLUE MOLD AND ANTHRAC-NOSE CONTROL.

F A Todd C J Nushaum G B Lucas N C Pesticide Manual 00(00):59

1967 79.8 N81

Anthracnose, Chemical control (plant diseases), Downy mildew. Tobacco.

15599-69

DEFOLIATION OF COTTON.

W G Toomey

N C Pesticide Manual 00(00):51-52 1968 79.8 N81

Chemicals, Cotton, Defoliants, Defoliation.

LOCALIZATION AND MIGRATION OF PLUM POX VIRUS IN PLUM TREES. (GE

D Trifonov

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):340-347

1969 448.3 C33 (1)

Plant physiology, Plums, Pox, Translocation, Virus diseases (plants). English abstract.

15601-69

A VIRUS DISEASE OF AFRICAN HEMP SPARMANNIA AFRICANA L. F. (GE

H A Uschdrawcit

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):348-351

1969 448.3 C33 (1)

Diagnosis, Hemp, Plant disease transmission, Plant grafting, Virus diseases (plants). English abstract.

15602-69

COMPARISON OF SOME POTATO WITCHES' BROOM VIRUS FROM LOWER SAXONY WITH EUROPEAN VIRUSES OF THES GROUP. (GE)

V Valenta

Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):352-357

1969 448.3 C33 (1)

Diagnosis, Potatoes, Virology, Virus diseases (plants). English abstract.

PROPERTIES AND NATURE OF INHIBITORS OF POTATO VIRUS X IN FOUR MEDICINAL PLANT EXTRACTS.

V S Verma S P Raychaudhuri A M Khan

Biol Plant 11(5):384-387

1969 450 B52

Chemical analysis, Hydrogen-ion concentration, Inhibitors, Plant extracts, Potatoes, Virus diseases (plants), Virus X.

EXPERIMENTS TO OBTAIN COURT-NOUE VIRUS FIRST PART EXTRACTS FROM TIS-SUES OF GRAPE LEAVES. (FR)

A. Vuittenez J. Kuszala

Ann Epiphyt 19(OUTSIDE SERIES):197-217 REF

1968 464.9 F84AN

Fanleaf (grapes), Grapes, Methodology, Plant extracts, Serological tests, Virus diseases (plants). English and German abstracts.

15605-69

PEANUT DISEASES.

J C Wells W E Cooper

N C Pesticide Manual 00(00):56

1967 79.8 N81

Chemical control (plant diseases), Leaf spot, Nematodes, Peanuts, Plant diseases, Stem rot.

PEANUT DISEASES. SOUTHERN STEM ROT.

J C Wells W E Cooper

N C Pesticide Manual 00(00):58

1968 79.8 N81

Chemical control (plant diseases), Nematocides, Peanuts, Pentachloronitrobenzenc, Plant ne-matodes, Stem rot.

15607-69

VORLEX FOR PLASTIC GREENHOUSE SOIL FUMIGATION.

JC Wells

N C Pesticide Manual 00(00):140

1968 79.8 N81

Fungus diseases (plants), Greenhouses, Pesticide application, Plastics, Soil fumigation, Vorlex.

PEANUT DISEASES. LEAFSPOT CONTROL.

J C Wells W E Cooper

N C Pesticide Manual 00(00):58

1968 79.8 N81

Chemical control (plant diseases), Copper compounds, Leaf spot, Pcanuts, Pesticide application.

DISEASES--LAWNS AND TURF.

J C Wells

N C Pesticide Manual 00(00):106

1968 79.8 N81

Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Lawns, Plant diseases, Surveys, Turf.

15610-69

IN VITRO INFECTION AND PATHOGENESIS OF PLANTS FROM SEVERAL GENERA BY THE SPECIFIC SOILBORNE PATHOGEN SCLEROTIUM CEPIVORUM.

J M Young J D Allen

Plant Dis Rep 53(10):821-823

Oct 1969 1.9 P69P

Fungus diseases (plants), Onions, Plant disease transmission, Sclerotium cepivorum, Soil-borne

15611-69

A DANGEROUS DISEASE ON FRUIT-TREES HAS APPEARED IN THE EUROPEAN CON-TINENT. (RUS)

T Zahov

Priroda (Sofia) (1,JAN-FEB):67-69

Feb 1967 410 P934

Bacterial diseases (plants), Orchards.

ARTHROPODS

15612-69

COMPARATED STUDY ON (VINCA ROSEA) L. OF 3 VIRUS DISEASES: (WESTERN ASTER YELLOW) ISOLATED FROM (GLADIOLUS,) (CLOVER PHYLLODY) AND (TOMATO STOL-BUR), (FR)

J Albouy M T Cousin C Grison Ann Epiphyt 18:157-171 REF

1967 464.9 F84AN

Aster yellows, Cicadellidae, Clover, Diagnosis, Gladiolus, Insect vectors, Phyllody, Plant disease transmission, Research, Stolbur, Tomatoes, Vinca rosea, Virus diseases (plants). English and German summaries

15613-69

TESTS ON THE DISSEMINATION OF THE TULIP STREAK VIRUS.

J. Albouy J. Glorian

Ann Epiphyt 19(OUTSIDE SERIES):177-187 1968 464.9 F84AN

Insect vectors, Insecticides, Organophosphorus compounds, Plant disease transmission, Plant physiology, Streak, Tulipa, Virus diseases (plants). English and German abstracts.

DOMESTIC QUARANTINE NOTICES. EU-ROPEAN CHAFER.

R J Anderson

Fed Regist 33(139):10273-10275

18 Jul 1968 L1.451

Agricultural regulation, Amphimallon majalis, Insect control, Plant quarantinc.

PESTS OF THE FAMILY CERAMBYCIDAE, HARMFUL TO WOOD IN BULGARIA. (RUS)

P Angelov Priroda (Sofia) (3,MAY-JUN):59-62

Jun 1967 410 P934

Cerambycidae, Tree injuries.

15616-69

ESTIMATION OF DAMAGE ON WHEAT BY THE APHID MACROSIPIUM AVENAE FAB. (FR)

M P Anglade

Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):17-

1969 410.9 SO12

Crop yields, Insect outbreaks, Macrosiphum avenae, Wheat. English abstract.

STUDIES ON THE BEHAVIOUR OF PLUSIA ORICHALCEA FABR. (LEPIDOPTERA: NOCTUIDAE) AND AN ASSESSMENT OF THE FOLIAR LOSS CAUSED BY IT AND THE CON-TROL MEASURES.

H C Basu P B Chatteriee

Indian J Agr Sci 39(1):36-40 REF

Jan 1969 22 AG83I

Bacillus thuringiensis, Carbaryl, Crop losses, Insect behavior, Insect control, Malathion, Noctuidae, Vegetables.

15618-69

PHILOSOPHY OF FOREST INSECT CONTROL IN BRITAIN.

D Bevan

J Sci Food Agr 20(8):505-506

Aug 1969 382 SO12

Forest insects, Great Britain, Insect control.

THE CHEMICAL CONTROL OF RED SPIDER MITE ON GLASSHOUSE ROSES.

E.S. Binns

Plant Pathol 18(2):49-56 REF

Jun 1969 464.8 P692

Acaricides, Chemical control (insects), Chlorinated hydrocarbons, Greenhouses, Rosa, Tetradifon, Tetranychus urticae.

15620-69

MITES, PESTS IN GARDENS AND LIVING ROOMS.

H Bohm

Pflanzenarzt 21(4):48-49

01 Apr 1968 464.9 P482

Acetic acid, Bryobia, Diazinon, Endosulfan, Gardens, Insect pests, Iodine, Larvae, Malathion, Mites, Spraying, Sulfur compounds.

INFECTION AND CORROSION TESTS WITH USTILAGO HORDEI (PERS.) LAGERM. (GE)

K Boning

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(7):385-387

Jul 1968 464.8 Z3

Fungicides, Insecticides, Mercury, Rice, Smut, Soil crosion, Starches, Sugar, Ustilago hordei, Ustilago

15622-69

ATTEMPTS AT TREATMENT OF THE ATOMARIA OF SUGAR-BEETS WITH INSEC-TICIDES, (FR)

L Bonnemaison J P Lyon J Maillard X Porte S Wattiez

Phytiat-phytopharm 15(3):213-227 REF 1966 464.8 P564 Atomaria, Chemical control (insects), Cryp-

tophagidae, Insect pests, Insecticides, Sugar beets.

PIGMY MANGOLD BEETLE (ATOMARIA LINEARIS STEPH.), BIOLOGY AND CON-

TROL. (FR)

L Bonnemaison J P Lyon Ann Epiphyt 18(4):401-450 REF

1967 464.9 F84AN

Atomaria linearis, Chemical control (insects), Chenopodium album, Chlorinated hydrocarbons, Cryptophagidae, Heptachlor, Insect biology, Insect pests, Insecticides, Plant injuries, Soils, Spinach, Sugar beets. English summary

15624-69

PEANUT INSECTS. SEASONAL CONTROL OF THRIPS, LEAFHOPPERS, SOUTHERN CORN ROOTWORM AND WIREWORMS.

W V Campbell R L Robertson N C Pesticide Manual 00(00):55

1967 79.8 N81

Chemical control (insects), Cicadellidae, Elateridae, Insect control, Insecticides, Peanuts, Thrips.

15625-69

CORN INSECTS.

W V Campbell J Falter

N C Pesticide Manual 00(00):43

1968 79.8 N81

Chemical control (insects), Corn, Insect pests, Insecticide application, Insecticides, Surveys.

15626-69

PEANUT INSECTS. SEASONAL CONTROL OF THRIPS, LEAFHOPPERS, SOUTHERN CORN ROOTWORM AND WIREWORM.

W V Campbell R L Robertson

N C Pesticide Manual 00(00):57

1968 79.8 N81

Chemical control (insects), Diabrotica undecimpunctata howardi, Elateridae, Insecticide application, Insecticides, Peanuts, Surveys, Thrips.

15627-69

INSECTS ON ALFAFA, CLOVERS AND GRASSES.

W V Campbell J Falter

N C Pesticide Manual 00(00):42

1968 79.8 N81

Alfalfa, Chemical control (insects), Clover, Grasses, Insect pests, Insecticide application, Insecticides, Surveys.

15628-69

SOYBEANS.

W V Campbell J Falter

N C Pesticide Manual 00(00):44

1968 79.8 N81

Chemical control (insects), Insect pests, Insecticide application, Insecticides, Soybeans, Surveys.

15629-69

SMALL GRAINS INSECTS.

W V Campbell J Falter

N C Pesticide Manual 00(00):44

1968 79.8 N81

Carbaryl, Chemical control (insects), Disyston, Grain, Insect pests, Insecticide application, Malathion, Parathion, Phorate, Toxaphene.

15630-69

SORGHUM.

W V Campbell J Falter

N C Pesticide Manual 00(00):43

1968 79.8 N81

Carbaryl, Chemical control (insects), Insect pests, Insecticide application, Malathion, Sorghum, Toxaphene.

15631-69

INSECTS ON ALFALFA, CLOVERS AND GRASSES.

W V Campbell J Falter

N C Pesticide Manual 00(00):40-42

1967 79.8 N81

Alfalfa, Clover, Grasses, Insecticides, Insects.

15632-69

A NEW REPORT ON SUGAR-BEET PESTS IN THE AREA OF BARANJA, SOIL COLEOPTERA TAKEN INTO SPECIAL CONSIDERATION. (CZ)

D Camprag J Durkic

Agron Glas 30(5):463-470

May 1968 21.5 AG84

Coleoptera, Insect pests, Soil fauna, Sugar beets, Surveys. French abstract.

15633-69

INVESTIGATIONS ABOUT POSSIBLE VECTORS OF GOLDEN FLAVESCENCE OF THE VINE. (FR)

P Carle G Moutous

Ann Epiphyt 18:151-156

1967 464.9 F84AN

Cicadellidae, Climbing plants, Feeding, Golden flavescence, Insect vectors, Plant disease transmission, Scaphoideus littoralis, Virus diseases (plants). English and German summaries

15634-69

APPLE SPRAY PROGRAM.

C N Clayton H R Garriss G C Rock G T

Weekman

N C Pesticide Manual 00(00):71-72

1968 79.8 N81

Apples, Chemical control (insects), Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Insecticides, Pesticide application, Spraying, Surveys.

15635-69

PEACH SPRAY PROGRAM.

C N Clayton G T Weekman

N C Pesticide Manual 00(00):76-77

1968 79.8 N81

Chemical control (insects), Fungicides, Fungus diseases (plants), Insect pests, Insecticides, Peaches, Spraying, Surveys.

15636-6

BLUE GRAPE SPRAY PROGRAM.

C N Clayton H R Garriss G T Weekman

N C Pesticide Manual 00(00):72

1968 79.8 N81

 Blueberries, Carbaryl, Chemical control (insects), Endosulfan, Insect pests, Insecticide application, Insecticides, Spraying.

15637-69

PROBLEMS POSED BY ACARINA TO FLOR-ICULTURE. (FR)

M L Desportes

Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):37-50 REF

1969 410.9 SO12

Acarina, Brevipalpus, Chemical control (insects), DDT, Eriophyidae, Insecticide resistant insects, Ornamental plant culture, Rhizoglyphus echinopus, Tarsonemidae, Tetranychidae.

15638-69

BLACKBERRY, DEWBERRY AND RASPBER-RY INSECTS.

J Falter

N C Pesticide Manual 00(00):71

1967 79.8 N81

Berries, Carbaryl, DDT, Insect pests, Malathion, Methoxychlor, Rotenone.

15639-69

TREE INSECTS AND MITES.

M H Farrier

N C Pesticide Manual 00(00):107-111

1967 79.8 N81

Chemical control (insects), Forest insects, Insect control, Insecticides, Mites.

15640-69

TREE INSECTS AND MITES.

M H Farrier F Whitfield

N C Pesticide Manual 00(00):110-114

1968 79.8 N81

Chemical control (insects), Insect pests, Insecticide application, Insecticides, Mites, Surveys, Trees.

15641-69

WINTER NECROSIS OF PEACH TWIGS, EXPERIMENTAL REPRODUCTION FOLLOWING PESTICIDE TREATMENTS, (FR)

M C Grosclaude

Rev Zool Agr Appl 68(1-3 1ST TRIMESTER):26-36 REF

1969 410.9 SO12

Azinphosethyl, Necrosis, Nitrogen, Peaches, Pesticides, Plant physiology, Sugars, Thiocarhamates, Ziram. English abstract.

15642-69

ON THE MIGRATION OF SOME LEAFHOP-PERS--FOES TO FRUIT TREES, (RUS)

A F Harizanov

Priroda (Sofia) (3,MAY-JUN):62-63

Jun 1967 410 P934

Insect migration, Orchards, Psyllidae.

5643-69

REFLECTIVE ALUMINUM FOIL FOR SCAR-ING OFF VIRUS TRANSMITTERS. (GE

Heinze

Umschau 67(24):802

15 Dec 1967 474 UM7

Aluminum foil, Aphididae, Insect vectors, Vegetables, Virus diseases (plants).

15644-69

SHALLOT APHID IN SOUTH-EAST ENGLAND.

G W Hurst Plant Pathol 18(2):62-66

Jun 1969 464.8 P692

Myzus ascalonicus, Population, Strawberries, Temperature.

15645-69

DASANIT INSECTICIDE FOR SUPERIOR CONTROL OF CORN ROOTWORM.

O K Jantz

Down Earth 23(4):22-26 REF SPRING

1968 381 D75

Biochemistry, Chemical control (insects), Chlorinated hydrocarbons, Chlorine, Corn, Diabrotica longicornis, Diabrotica undecimpunctata howardi, Diabrotica virgifera, Diethyl O-p-((methylsulfinyl)phenyl) phosphorothioate, O, Immunity, Insect pests, Insecticide residues, Insecticides, Organophosphorus compounds, Plant hardiness.

15646-69

ON THE PRESENCE OF A PATHOGENIC GRADIENT OF ACTION IN THE CYTOLOGICAL DEVELOPMENT OF TUMORS CAUSED BY ERIOSOMA LANIGERUM HAUSM. ON PYRUS MALUS L. CULT. CALVILLE BLANC. (FR)

Y Jeanneau

Acad Sci Compt Rend Ser D 269(4, 2ND)

SEMESTER):462-465 REF

28 Jul 1969 505 P21

Eriosoma lanigerum, Plant cytology, Plant galls. Pyrus.

15647-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES, 2-CHLOROALLY DIETHYLDITHIOCAR-BAMATE.

J K Kirk

Fed Regist 33(144):10568

25 Jul 1968 L1.451

25 Jul 1968 L1.451 Agricultural products, Agricultural regulation, Chloroallyl diethyldithiocarhamate, 2-, Pesticide residues, Toxicology.

17/10/0

1564-69
THE TRAPEZEULE (CALYMNIA TRAPEZINA
L.), AN UNUSUAL PARASITE ON APPLE
TREES. (FR)

M Langenscheidt

Z Pflanzenkrankh (pflanzenpathal) Pflanzenschutz 74(1):14-16 REF

Jan 1967 464.8 Z3

Agricultural research, Apples, Calymnia trapezina, Insect pests, Larvae, Trees. English summary

.

15649-69 AN EXCEPTIONAL OUTBREAK OF THE APHID MACROSIPHUM (SITOBION) AVENAE FABRICIUS ON WHEAT IN SOUTHWESTERN

FRANCE. (FR) M F Leclant

M F Leclant
Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):1316 REF

1969 410 9 SO12

Insect hiology, Insect outbreaks, Macrosiphum avenae, Wheat, English abstract.

15650-6

MICROBIOLOGICAL CONTROL OF PESTIFEROUS INSECTS IN THE USSR. (FR) M D J Martouret

Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):5-12 REF

1969 410.9 SO12 Bacillus thuringiensis, Beauveria bassiana, Biological control (insects), Insect ecology, Insect pests.

INSECTICIDAL ACTIVITY OF SUBSTITUTED PHENYL N-METHYLCARBAMATES.

J Meltzer H B A Wellc

Entomol Exp Appl 12(2):169-182

1969 421 EN895

Aphis fahae, Chemical analysis, Chemical control (insects), Insecticides, Leptinotarsa decemlincata, Musca domestica, Phenylcarbamates, Pieris bras-

15652-69

VIRULENCE ON VARIOUS SOLANACEAE OF THREE STRAINS OF THE STOLBUR VIRUS AND A VIRUS INFECTING TOMATO PLANTS IN TUNISIA. (FR)

C M Messiaen J Marrou

Ann Epiphyt 18:173-178

1967 464.9 F84AN

Bemisia tabaci, Datura stramonium, Eggplant, Insect vectors, Plant disease transmission, Plant physiology, Solanaceae, Stolbur, Tobacco, To-matoes, Virus discases (plants). English and German summaries

15653-69

TERMITES AND POWDER-POST BEETLES.

H B Moore

N C Pesticide Manaal 00(00):121

1968 79.8 N81

Chemical control (insects), Insecticide application, Insceticides, Lyctidae, Termites.

MECHANISM OF FEEDING OF SOME VIRUS-VECTOR LEAFHOPPERS. HISTOLOGICAL STUDIES OF THE TRACKS. (FR)

J P Moreau C Boulay

Ann Epiphyt 18:133-141

1967 464.9 F84AN

Adaptation (physiological), Cicadellidae, Feeding, Insect behavior, Insect histology, Insect vectors, Phloem, Plants, Sap, Virus diseases (plants). English and German summaries

SOME ASPECTS OF MARKETING PESTICIDES IN GUJARAT STATE.

G A Patel M P Saha

Plant Protect Ball 19(4):11-16

1967 421 P69

Benzene hexachloride, DDT, Pesticide monitoring program.

15656-69

CERTAIN MINOR CROP PESTS HITHERTO UNRECORDED FROM THE GUJARAT STATE.

H K Patel V C Patel J R Patel

Plant Protect Ball 19(3):26-31

1967 421 P69

Colcoptera, Crops, Diptera, Insect pests, Lepidoptera, Surveys.

THE TWO SPOTTED (CARMINE) SPIDER MITE (TETRANYCHUS CINNER ARTERIA MITE (TETRANYCHUS CINNABARINUS BOISD.) ON APPLE IN ISRAEL.

H N Plaut M Cohen

Z Angew Entomol 60(4):460-466 REF

Nov 1967 421 Z36

Acaricides, Apples, Chemical control (insects), Chlorinated hydrocarbons, Dicofol, Insect pests, Panonychus ulmi, Tetranychidae, Mites, Tetranychus cinnabarinus, Tetranychus urticae.

15658-69

RESEARCH INTO THE ACTUAL YIELD REDUCTION BY ATTACK ON WINTER WHEAT AND SUMMER BARLEY OF THE CEREAL LEAF BEETLES (LEMA CYANELLA L. AND L. MELANOPUS L.) AND THE WHEAT STEM SAWFLY (CEPHUS PYGMAEUS L.). (GE)

B Rademacher

Z Pflanzenkranklı (pflanzenpathol) Pflanzenschutz 74(5):311-316 REF

1967 464.8 Z3

Barley, Cephidae, Cephus pygmaeus, Chrysomelidae, Crop losses, Germany, Insect pests, Lema lichensis, Oulema melanopus, Wheat.

15659-69

TOBACCO INSECTS, PLANT BEDS,

R L Robertson W J Mistric R L Rabb N C Pesticide Manual 00(00):65-70 1968 79.8 N81

Chemical control (insects), Insect pests, Insectieide application, insecticides, Surveys, Tobacco.

15660-69

COTTON INSECTS.

R L Robertson J R Bradley

N C Pesticide Manual 00(00);54-56

1968 79.8 N81

Chemical control (insects), Cotton, Insect pests, Insecticide application, Insecticides, Surveys

15661-69

PECAN INSECT AND DISEASE SPRAY SCHEDULE.

R L Robertson H R Garriss

N C Pesticide Manual 00(00);77

1968 79.8 N81

Chemical control (insects), Chemical control (plant diseases), Dodine, Insect pests, Insecticides, Parathion, Pecans.

LAWN AND TURF PESTS.

R L Robertson

N C Pesticide Manual 00(00):106

1967 79.8 N81

Insect pests, Insecticide application, Insecticides, Lawns, Turf.

15663-69

TOBACCO INSECTS.

R L Robertson W J Mistric R L Rabb

N C Pesticide Manaal 00(00):62-67

1967 79.8 N81

Chemical control (insects), Insect control, Insect pests, Tobacco,

15664-69

COTTON INSECTS. GENERAL STATEWIDE CONTROL PROGRAM.

R L Robertson

N C Pesticide Manual 00(00):52-54

1967 79.8 N81

Chemical control (insects), Cotton, Insect control, Insect pests, Insecticides.

15665-69

FLOWER AND SHRUB INSECTS.

R L Robertson

N C Pesticide Manaal 00(00):97-100

1968 79.8 N81

Chemical control (insects), Flowers, Insect pests, Insecticide application, Insecticides, Shrubs, Surveys.

15666-69

GREENHOUSE INSECTS.

R L Robertson

N C Pesticide Manual 00(00):104-105

1968 79.8 N81

Chemical control (insects), Greenhouses, Insect pests, Insecticide application, Insecticides, Surveys.

PLANT PROTECTION PROBLEMS IN TUNE-SIA. (GE)

K Scheibe

Gesunde Pflanzen 20(7):150-152

Jul 1968 464.8 G33

Biochemistry, Chemical control (pests), Crops, Dusting, Economics, Insect pests, Lindanc, Olives, Parathion, Plant injuries, Prays oleclus, Spraying equipment.

15668-69

VEGETABLE INSECTS.

H E Scott C H Brett

N C Pesticide Manual 00(00):131-137

1968 79.8 N81

Chemical control (insects), Insect pests, Insectieide application, Insecticides, Surveys, Vegetables.

15669-69

WHAT IS PLANT PROTECTION.

S Singh

Plant Protect Bull 19(4):1-4 1967 421 P69

Insect pests, Methodology, Pest control, Plant protection.

15670-69

DOMESTIC QUARANTINE NOTICES. EUROPEAN CHAFER.

J F Spears

Fed Regist 33(139):10276-10277

18 Jul 1968 L1.451

Agricultural regulation, Amphimallon majalis, Plant quarantine.

15671-69

THE REACTION OF DIFFERENT DROSOPHILA POPULATIONS TO TREATMENT WITH PESTICIDES.

Hereditas 62(3):303-313

1969 442.8 H42

Drosophila melanogaster, Insect physiology, Organophosphorus compounds, Parathion, Pesticides, Phenylurea compounds, Population.

TOBACCO--WILDFIRE CONTROL IN BURLEY PLANT BEDS.

F A Todd

N C Pesticide Manual 00(00):59

1967 79.8 N81

Air-cured tobacco, Antibiotics, Streptomycin,

15673-69

COMPARATIVE EFFECTIVENESS OF SOME MODERN INSECTICIDES AGAINST THE BLOSSOM THRIPS OF RED-GRAM (CAJANUS CAJAN (L.) MILLSP.).

S M Vaishampayan Z Singh

Indian J Agr Sci 39(1):52-56

Jan 1969 22 AG831

Dimethoate, Endosulfan, Endrin, Insect control, Pigeonpeas, Thrips.

IMPORTANCE OF THE PLANT VIRUS-VEC-TOR RELATIONSHIPS FOR THE INHIBITION OF APHID TRANSMISSION WITH OIL SPRAYS. (FR)

J. Vanderveken Ann Epiphyt 19(OUTSIDE SERIES):141-146

1968 464.9 F84AN

Chemical control (insects), Mosaic, Oil sprays, Plant disease transmission, Virus diseases (plants). English and German abstracts.

15675-69

EXPERIMENTS ON THE CONTROL OF CAR-ROT-WILLOW APHID IN SOUTH-WEST EN-GLAND 1961-1964.

J D R Vernon S G Evans

Plant Pathol 18(2):83-88

Jun 1969 464.8 P692 Aphididae, Carrots, Chemical control (insects), Disulfoton, Menazon, Methyl demeton.

ADSORPTION AND DESORPTION OF LINDANE AND DIELDRIN BY YEAST,

S Vocrman P M L Tammes

Bull Environ Contamination Toxicol 4(5):271-277 Oct 1969 RA1270.P35A1

Adsorption, Chlorinated hydrocarbons, Dieldrin, Insecticides, Lindane, Plant hiochemistry, Yeasts.

15677-69 RESISTANCE OF VARIETIES OF PORTU-GUESE WHEAT, TRITICUM AESTIVUM L. EM. THELL., TO THE WHEAT STEM SAWFLY.

L E Wallace F H McNeal M A Berg P Luginbill U S Agr Res Serv (1) ARS ARS 33-132:8P

Jan 1969 A420 R31

Cephus cinctus, Insect pests, Plant breeding, Plant pest resistance, Tables (data), Wheat.

BLACKBERRY, DEWBERRY AND RASPBER-RY INSECTS.

G T Weekman

N C Pesticide Manual 00(00):74

1968 79.8 N81

Blackberries, Chemical control (insects), Insect pests, Insecticides, Raspherries, Surveys.

NEMATODES

15679-69

SOIL TREATMENT FOR CONTROL OF NE-MATODES AND CERTAIN SOIL-BORNE DIS-EASES.

Anonymous

N C Pesticide Manual 00(00):115

1968 79.8 N81

Chemical control (nematodes), Chemical control (plant diseases), Plant nematodes, Soil treatment, Soil-borne plant diseases.

15680-69

SOIL TREATMENT FOR CONTROL OF NE-MATODES AND CERTAIN SOIL-BORNE DIS-EASES.

Anonymous

N C Pesticide Manual 00(00):112

1967 79.8 N81

Chloropicrin, Dichloropropane dichloropropene mixture, Dichloropropene, 1,3-, Ethylene dibromide, Methyl bromide, Nematodes, Soil treatment, Soil-borne plant diseases.

15681-69

LESION NEMATODE, PRATYLENCHUS BRACHYURUS, ATTACKING CRYPTOMERIA JAPONICA IN SINGPORE.

C L Chin

Plant Dis Rep 53(10):798

Oct 1969 1.9 P69P

Cryptomeria japonica, Plant nematodes, Pratylenchus brachyurus.

STUDIES OF PLANT AND SOIL NEMATODES.
14. FIVE NEW SPECIES OF TYLENCHOR-HYNCHUS COBB, PARATYLENCHUS MICOLETZKY, MORULAIMUS SAUER AND HEMICYCLIOPHORA DE MAN (NEMATODA: TYLENCHOIDEA.

R C Colhran

Queensland J Agr Anim Sci 26(2):181-192

Jun 1969 23 O37

Nematodes, Plant nematodes, Pratylenchus, Taxonomy, Tylenchorhynchus.

15683-69

SOIL FUMIGANTS FOR NEMATODE IN COT-TON.

H R Garriss W E Cooper

N C Pesticide Manual 00(00):51

1967 79.8 N81

Chemical control (nematodes), Cotton, Fumigants, Nematodes.

SOIL FUMIGANTS FOR NEMATODE CONTROL IN COTTON.

H R Garriss W E Cooper

N C Pesticide Manual 00(00):53

1968 79.8 N81

Chemical control (pests), Chlorinated hydrocarbons, Cotton, Plant nematodes, Surveys.

15685-69

ESTABLISHING OVERALL PLANT PROTEC-TION, (GER)

F Grossmann

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(3):143-149

Mar 1967 464.8 Z3

Cercosporella herpotrichoides, Fungus diseases (plants), Fusarium oxysporum, Ophiobolus graminis, Plant nematodes, Plant regulators, Pratylenchus penetrans, Seed germination, Soil-borne plant diseases, Wheat. English summary

NOTE ON EFFECTS OF NEMATICIDES AND HEAT TREATMENT ON THE CONTROL OF ROOT-KNOT NEMATODE IN TOBACCO NUR-SERIES.

G V G Krishna Murthy N A Elias

Indian J Agr Sci 39(3):263-265

Mar 1969 22 AG831

Chemical control (nematodes), Heat treatment, Meloidogyne incognita, Nematocides, Seedlings, Tobacco.

15687-69

INVESTIGATION OF THE INFECTION OF POTATO NEMATODE (HETERODERA ROSTOCHIENSIS WOLLENWEBER) CYSTS BY THREE INSECT PATHOGENIC FUNGI. (GE)

E Muller-Kogler W Stein

Z Pflanzenkranklı (pflanzenpathol) Pflanzenschutz 74(4):201-204

1967 464.8 Z3

Biology, Cysts, Entomogenous fungi, Fungus discases (plants), Heterodera rostochiensis, Plant nematodes, Potatoes.

A SIMPLE DEVICE FOR INJECTING METHYL BROMIDE INTO A REPLANT SITE.

J H O'Bannon F W Bistline

Plant Dis Rep 53(10):799-802

Oct 1969 1.9 P69P

Agriculture, Chemical control (nematodes), Citrus, Dairy equipment, Methyl bromide, Plant nematodes, Soil treatment.

15689-69

THE EFFECTS OF INFECTION HETERODERA ROSTOCHIENSIS AND RIIIZOCTONIA SOLANI ON DEVELOPMENT AND YIELD OF POTATOES IN POTS. (GER)

H Stelter G Meinl

Z Pflanzenkranklı (pflanzenpathol) Pflanzenschutz 74(11/12):671-675 REF

Nov 1967 464.8 Z3

Crop yields, Heterodera rostochiensis, Plant nematodes, Plant physiology, Potatoes, Rhizoctonia solani. English summary

15690-69

FUMIGANT NEMATOCIDES FOR TOBACCO.

F A Todd C J Nusbaum

N C Pesticide Manual 00(00):62

1968 79.8 N81

Chemical control (pests), Fumigants, Nematocides, Plant nematodes, Root knot, Surveys,

MULTIPURPOSE DISEASE CONTROL SOIL FUMIGANTS FOR TOBACCO. NEMOTODES, BLACK SHANK AND BLACK ROOT ROT.

F A Todd C J Nusbaum

N C Pesticide Manual 00(00):62-63

79.8 N81

Black root rot, Black shank, Plant diseases, Plant nematodes, Soil fumigation, Telone, Tobacco, Vorle x

15692-69

SOIL FUMIGANTS FOR CONTROL OF NE-MATODE DISEASES OF TOBACCO.

F A Todd C J Nusbaum

N C Pesticide Manual 00(00):60

1967 79.8 N81

Chemical control (nematodes), Fumigation, Nematodes, Tobacco.

NEMATODE CONTROL IN WOODY ORNA-MENTALS.

J C Wells

N C Pesticide Manual 00(00):103

1968 79.8 N81

Chemical control (nematodes), Dibromo-3chloropropane, 1,2-, Grasses, Nematocides, Ornamental plants, Pesticide application, Plant ncmatodes

15694-69

CHEMICAL CONTROL OF NEMATODES IN SUGARCANE.

J A Winchester

Down Earth 23(4):19-21 SPRING

1968 381 D75

Biochemistry, Chemical control (nematodes), Chlorinated hydrocarbons, Crop yields, Dibromo-3-chloropropane, 1,2-, Dichloropropane dichloropropene mixture, Diethyl O-p-((methylsulfinyl)phenyl) phosphorothioate, O, Ethylene dibromide, Ethylene dichloride, Meloidogyne arenaria thamesi, Nematocides, Organophosphorus com-pounds, Parasitism, Plant nematodes, Population, Sugarcane, Tylenchorhynchus martini.

WEEDS

15695-69

EFFECT OF STAGE OF GROWTH OF FIELD BINDWEED ON ABSORPTION AND TRANSLOCATION OF C-14-LABELED 2,4-D AND PICLORAM.

CSO Agbakoba JR Goodin Weed Sci 17(4):436-438 REF

Oct 1969 79.8 W41

Absorption, Carbon-14, Convolvulus arvensis, D, 2,4-, Herbicides, Picloram, Plant biochemistry, Plant physiology, Translocation.

15696-69

TRANSFORMATION OF SOLAN IN SOIL.

R Bartha

Weed Sci 17(4):471-472

Oct 1969 79.8 W41

Chemical analysis, Chromatography, Herbicides, Infrared spectra, Soil chemistry, Solan.

HERBICIDE CONCENTRATIONS IN LIVE OAK TREATED WITH MIXTURES OF PICLORAM AND 2,4,5-T.

J R Baur R W Bovey J D Smith

Weed Sci 17(4):567-570 REF

Oct 1969 79.8 W41 Chemical analysis, Chromatography, Herhicide residues, Herbicides, Picloram, Quercus virginiana, T. 2.4.5-.

15698-69

DISTRIBUTION OF ROOT-ARSORRED PICLORAM.

J R Baur R W Bovey

Weed Sci 17(4):524-528 Oct 1969 79.8 W41

Absorption, Acacia farnesiana, Picloram, Plant physiology, Prosopis juliflora, Roots, Seedlings.

15699-69

EQUIPMENT FOR INCORPORATION OF HER-BICIDES. L E Bode M R Gehhardt

Weed Sci 17(4):551-555 Oct 1969 79.8 W41

Chlorinated hydrocarhons, Herhicide application, Herbicides, Trifluralin.

GRANULAR HERBICIDES FOR WOODY PLANT CONTROL.

R W Bovey H L Morton J R Baur J D Diaz-Colon C C Dowler

Weed Sci 17(4):533-541 Oct 1969 79.8 W41

Acacia farnesiana, Bromacil, Chemical control (weeds), Granular herhicides, Ilex vomitoria. Picloram, Prosopis juliflora, Quercus virginiana, Shruhs

HERBICIDES IN FORESTRY.

R M Brown

J Sci Food Agr 20(8):509-512 REF

Aug 1969 382 SO12

Forestry, Herbieides, Labor productivity, T, 2,4,5-.

ABSORPTION AND TRANSLOCATION OF 2,4D BY WOLFTAIL (CAREX CHEROKEENSIS SCHWEIN).

E R Burns G H Buchanan A E Hiltbold

Weed Sci 17(4):401-404 REF

Oct 1969 79.8 W41

Absorption, Carbon-14, Carex, D, 2,4-, Herbicides, Phenoxy acid compounds, Plant biochemistry, Plant physiology, Radioactive tracers, Transloca-

15703-69

EFFECT OF WEEDS ON HARVESTING EFFI-CIENCY IN SOYBEANS. CORN, SORGHUM,

O C Burnside G A Wicks D D Warnes B R Somerhalder S A Weeks

Weed Sci 17(4):438-441

Oct 1969 79.8 W41

Corn, Crop losses, Freezing, Harvesting, Sorghum, Soybeans, Weeds.

PHYTOTOXICITY, LEACHABILITY, AND SITE OF UPTAKE OF 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL) ACETANILIDE.

V Eshel

Weed Sci 17(4):441-444

Oct 1969 79.8 W41

Chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide, 2-, Cotton, Herbicides, Leaching, Phytotoxicity, Plant physiology.

15705-69

CHEMICAL VERSUS MECHANICAL FALLOW OF ABANDONED CROPLANDS.

A C Everson D N Hyder H R Gardner R E Bement

Weed Sci 17(4):548-551 REF

Oct 1969 79.8 W41

Agropyron, Chemical treatment, Chlorinated hydrocarbons, Dalapon, Fallowing, Herbicides, Mechanization, Soil moisture.

HERBICIDE EQUILIBRIUM IN SOILS IN RELATION TO SOIL WATER CONTENT.

R E Green S R Obicn

Weed Sci 17(4):514-519 REF

Oct 1969 79.8 W41

Adsorption, Atrazine, Herbicides, Soil moisture.

THE CHROMATOGRAPHIC IDENTIFICATION OF SUBSTITUTED UREA HERBICIDES.

R J Hance

J Chromatography 44(2):419-421 REF

28 Oct 1969 475 J824

Chemical analysis, Chromatography, Urea herhicides.

RESPONSE OF WEEDS AND SOYBEANS TO AMIBEN AND NAPTALAM INDIVIDUALLY AND IN MIXTURES WITH DINOSEB.

E W Hauser W H Marchant

Weed Sci 17(4):446-448

Oct 1969 79.8 W41

Amiben, Chemical control (weeds), Dinoseb, Herbicides, Naptalam, Plant physiology, Soybeans,

15709-69

AQUATIC WEEDS.

L G Holm L W Weldon R D Blackburn

Science 166(3906):699-709 MAP REF

07 Nov 1969 470 SC12

Aquatic plants, Biological control (weeds), Chemical control (weeds), Cultural control (weeds), D, 2,4-, Diquat, Pistia stratiotes, Plant translocation, Salvinia, Snails, Surveys, Weeds.

15710-69

EFFECT OF LIGHT ON THE HERBICIDAL AC-TIVITY OF SOME AMIBEN DERIVATIVES.

A R Isensec J R Plimmer B C Turner

Weed Sci 17(4):520-523

Oct 1969 79.8 W41

Absorption spectra, Amihen, Herbicide residues, Herbicides, Light, Photochemistry.

CHEMICAL WEED CONTROL IN FLORAL CROPS.

J M Jenkins W A Scroch T J Monaco N C Pesticide Manual 00(00):102

1968 79.8 N81

Chemical control (weeds), Crops, D, 2,4-, Diuron, Flowers, Herbicide application, Herbicides, Trifluralin, Weeds.

EFFECTS AND CULTURAL COMPATIBILITY OF CABBAGE HERBICIDES. (GER)

W Kampe

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):666-671

Nov 1967 464.8 Z3

Cabbage, Cauliflower, Chemical control (weeds), Cultural control (weeds), Desmetryne, Herbicides, Plant biochemistry, Toxicology. English summary

15713-69

POSTEMERGENCE HERBICIDE APPLICA-TIONS FOR CORN.

E L Knake F W Slife D L Mulvaney N Cent Weed Contr Conf Res Rep 24:120

1967 79.9 N81R

Abutilon theophrasti, Amaranthus retroflexus, Chemical control (weeds), Corn, Herbicide application, Herbicides, Oils, Polygonum pensylvanicum, Setaria viridis. Many herbicides were tested on different weed species.

BIOLOGICAL CHARACTERISTIC FEATURES OF SEVERAL WEED PLANTS AND THE FIGHT AGAINST THEM. (RUS)

1 G Kovachen

Priroda (Sofia) (3,MAY-JUN):75-77

Jun 1967 410 P934

Plant taxonomy, Wced control.

15715-69

STUDIES ON ATRAZINE AND 2,4-D USED IN DEFENSE OF MAIZE IN THE AREA OF RUSSE IRRIGATION SYSTEM. (RU)

V Kovachev M Makarov

Akad Selskostopanskite Nauk Bulguriyu Inst Rast Izv 6(5):117-125 REF

1969 451 B872

Atrazine, Chemical control (weeds), Corn, D, 2,4-, Herbicides, Irrigation ditches.

CHEMICAL WEED CONTROL IN LAWNS AND TURF.

W M Lewis

N C Pesticide Manual 00(00):107-108

1968 79.8 N81

Chemical control (weeds), Herhicide application, Herbicides, Lawns, Turf, Weeds.

15717-69

CHEMICAL WEED CONTROL OF AQUATIC PLANTS.

W M Lewis A D Worsham

N C Pesticide Manual 00(00):38-39

1967 79 8 N81

Aquatic plants, Chemical control (weeds), Wced control.

15718-69

CHEMICAL WEED CONTROL IN HAY CROPS AND PASTURES.

W M Lewis A D Worsham T W Waldrep N C Pesticide Munual 00(00):43-48 1967 79 8 N81

Chemical control (weeds), Hay, Pastures, Weed control.

15719-69

CHEMICAL WEED CONTROL IN HAY CROPS AND PASTURES.

W M Lewis A D Worsham T W Waldrep

N C Pesticide Manual 00(00):45-50

1968 79.8 N81

Chemical control (weeds), Field crops, Hay, Herbicide application, Herbicides, Pastures, Surveys.

CHEMICAL WEED CONTROL IN LAWNS AND TURF.

W M Lewis A D Worsham

N C Pesticide Manual 00(00):104-105

1967 79 8 NRI

Chemical control (weeds), Lawns, Turf, Weed

15721-69

CHEMICAL CONTROL OF AQUATIC PLANTS.

W M Lewis A B Rogerson A D Worsham

N C Pesticide Manual 00(00):39-41

1968 79.8 N81

Aquatic plants, Chemical control (weeds), Herbicide application, Herbicides, Surveys.

PARAQUAT FOR WEED CONTROL PRIOR TO ESTABLISHING LEGUMES.

D L Linscott A A Akhavein R D Hagin Weed Sci 17(4):428-431 REF

Oct 1969 79.8 W41

Agropyron repens, Alfalfa, Birdsfoot trefoil, Chemical control (weeds), Cyperus esculentus, Herbicides, Legumes, Paraquat.

15723-69

SOME CHRONIC EFFECTS OF DIURON ON BLUEGILLS.

J P McCraren O B Cope L Eller Weed Sci 17(4):497-509 REF

Oct 1969 79.8 W41

Chromatography, Diuron, Fish, Herhicides, Marine biology, Pesticide residues, Population, Toxicology.

15724-69

PLANT RESPONSE TO HERBICIDE PLACE-MENT IN SOIL.

R K Nishimoto A P Applehy W R Furtick Weed Sci 17(4):475-478 REF

Oct 1969 79.8 W41

Atrazinc, Diuron, Ethyl N,N-dipropylthiocarbamate, Herbicides, Oats, Phytotoxicity, Plant physiology, Setaria viridis, Soils.

DEGRADATION OF ATRAZINE IN FOUR HAWAHAN SOILS.

S R Obien R E Green

Weed Sci 17(4):509-514 REF

Oct 1969 79.8 W41

Atrazinc, Chlorinated hydrocarbons, Chromatography, Degradation, Herbicides, Hydrogen-ion concentration, Pesticide residues, Soils.

BROMACIL INTERACTIONS IN PLANT BIOASSAY, FUNGI CULTURE, AND NITRIFI-CATION.

S K Pancholy J Q Lynd

Weed Sci 17(4):460-463 Oct 1969 79.8 W41

Biological assay, Bromacil, Fungi, Nitrification, Phytotoxicity, Plant biochemistry.

GAINS IN TIMOTHY FORAGE FROM GOL-DENROD CONTROL WITH 2,4-D, 2,4-DB, AND PICLORAM.

E J Peters S A Lowance Weed Sci 17(4):473-474 Oct 1969 79.8 W41

CROP PROTECTION 15728-69

Chemical control (weeds), Crop yields, D. 2,4-, Dichlorophenoxy)butyric acid, 4-(2,4-, Herbicides, Phleum, Pieloram, Solidago.

15728.60

RESULTS FROM USE OF 2,4-D AND 2M-4X IN GRAIN MAIZE CROP. (RU

P Petkova B Manov

Akad Selskostopanskite Nauk Bulgariya Inst Rast Izv 6(6).113-123 REF

1969 451 B872

Chemical control (weeds), Corn, D, 2,4-, Herbicides, Methyl-4-chlorophenoxyacetic acid, 2-.

15729-69

DRYLAND SORGHUM PRODUCTION AND WEED CONTROL WITH MINIMUM TILLAGE.

W M Phillips

Weed Sci 17(4):451-454 REF

Oet 1969 79.8 W41

Atrazine, Chemical control (weeds), Herbicides, Sorghum, Tillage, Wheat.

15730-69

USE OF PRE-EMERGENCE HERBICIDES IN NAVY BEANS.

JE Rawson

Queensland J Agr Anim Sci 26(2):231-234 Jun 1969 23 O37

Amiben, Chemical control (weeds), D, 2,4-, Herbicides, Kidney beans, Linuron, Phytotoxicity, Sesone.

15731-69

NEW METHOD OF INJECTING HERBICIDES FOR WEED CONTROL IN CORN AND SOYBEANS.

J W Sehrader J D Doll W F Meggitt
N Cent Weed Contr Conf Res Rep 24:117-118

1967 79.9 N81R Chemical control (weeds), Corn, D, 2,4-, Dyes, Equipment, Ethyl N,N-dipropylthiocarbamate,

Equipment, Ethyl N,N-dipropylthiocarbamate, Herbicide application, Herbicides, Injections, Methodology, Phenoxy acid compounds, Soybeans, Spraying. Many herbicides were tested.

15732-69

MOVEMENT AND PERSISTENCE OF PICLORAM IN PASTURE SOILS OF NEBRASKA.

C J Seifres O C Burnside M K MeCarthy

Weed Sci 17(4):486-488

Oet 1969 79.8 W41

Herbicides, Pastures, Pesticide residues, Pieloram, Soils, Soybeans.

15733-69

TRANSLOCATION AND METABOLISM OF MAA-C14 IN JOHNSONGRASS AND COTTON.

M M Sekerl R E Frans

Weed Sci 17(4):421-427 REF

Oct 1969 79.8 W41

Carbon-14, Chemical analysis, Chromatography, Cotton, Disodium methanearsonate, Herbieides, Plant biochemistry, Plant metabolism, Sorghum halepense, Translocation.

15734-69

CHEMICAL WEED CONTROL IN WOODY ORNAMENTALS.

W A Seroch

N C Pesticide Manual 00(00):101-102

1968 79.8 N81

Chemical control (weeds), Herbicide application, Herbicides, Ornamental plants, Shrubs, Weeds.

15735-69

DOMESTIC QUARANTINE NOTICES. WITCHWEED, REGULATED AREAS.

D R Shepherd

Fed Regist 33(160):11631

16 Aug 1968 L1.451

Agricultural regulation, Plant quarantine, Striga.

15736-69

CHEMICAL WEED CONTROL IN VEGETABLE CROPS.

W A Skroeh T J Monaco

N C Pesticide Manual 00(00):123-126 1968 79.8 N81

Chemical control (weeds), Herbicide application, Herbicides, Vegetables, Weeds.

15737-69

CHEMICAL WEED CONTROL IN FRUIT CROPS.

W A Skroch T J Monaeo

N C Pesticide Manual 00(00):80-82

1968 79.8 N81

Chemical control (weeds), Fruit, Herbicide application, Herbicides, Surveys.

15738-69

CHEMICAL WEED CONTROL IN VEGETABLE CROPS.

W A Skroeh A D Worsham W M Lewis N C Pesticide Manual 00(00):120-123 1967 79.8 N81

Chemical control (weeds), Herbicides, Vegetables, Weed control.

15739-69

CONTROL OF WEEDS IN WHEAT CROP BY 2, 4-D.

D D Srivastava

Plant Protect Bull 19(3):42

1967 421 P69

Chemical control (weeds), D, 2,4-, Herbicides, Weeds, Wheat.

15740-69

ABSORPTION AND TRANSLOCATION OF SIMAZINE IN PARROTFEATHER.

D L Sutton S W Bingham

Weed Sci 17(4):431-435 REF

Oct 1969 79.8 W41

Absorption, Chemical analysis, Chromatography, Herbieides, Myriophyllum, Plant biochemistry, Simazine, Translocation.

15741-69

DEFOLIATION OF COTTON.

W G Toomey A D Worsham N C Pesticide Manual 00(00):49-50 1967 79.8 N81

Cotton, Cotton defoliation, Defoliants.

15742-69

APPLICATION OF GRANULATED HERBICIDES IN SPECIAL CULTURES, PRESENTED WITH THE PRODUCT DBN. OOSTERHOF, G. (GE)

H Uhl S Zahir

Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):233-236

Jan 1969 410.9 G31M

Dichlobenil, Herbicide application, Methodology. English abstract.

15743-69

EFFECTS OF 2,4-D ON SEED PRODUCTION AND EMBRYO DEVELOPMENT OF CURLY DOCK.

M A Un P B Cavers

Weed Sci 17(4):533-536

Oct 1969 79.8 W41

D, 2,4-, Embryos, Herbicides, Plant physiology, Rumex erispus, Seed germination, Seeds.

15744-69

RESPONSE OF TURKEY OAK TO 2,4,5-T AS A FUNCTION OF FINAL FORMULATION OIL CONTENT.

R P Upehureh J A Keaton H D Coble Weed Sci 17(4):505-509 REF

Oct 1969 79.8 W41

Herbicides, Oils, Plant biochemistry, Plant physiology, Quercus laevis, T, 2,4,5-.

15745-69

18/45-09
INFLUENCE OF THE HERBICIDES ARETIT,
PROMETRIN AND CHLOROXURON ON THE
YIELD AND SOME PHYSIOLOGICAL
PROCESSES IN PEAS. (RU)

B Velev

Akail Selskostopanskite Nauk Bulgariya Inst Rast Izv 6(6):125-131 REF 1969 451 B872

Chemical control (weeds), Chloroxuron, Herbicides, Peas, Plant physiology, Plant respiration, Plant transpiration.

15746-69

COMPETITION BETWEEN KOCHIA AND SUGARBEETS.

D M Weatherspoon E E Sehweizer

Weed Sci 17(4):464-467 REF

Oet 1969 79.8 W41

Competition, Crop yields, Cultural control (weeds), Kochia, Sugar beets.

15747-69

ADSORPTION OF S-TRIAZINES BY SOIL ORGANIC MATTER.

J B Weber S B Weed T M Ward Weed Sci 17(4):417-421 REF

Oct 1969 79.8 W41

Adsorption, Chemical analysis, Herbicides, Hydrogen-ion concentration, Soil organic matter, Spectrophotometry, Triazines.

15748-69

WEED CONTROL IN SUGARBEETS WITH HERBICIDES AND CULTIVATION.

G A Wicks F N Anderson Weed Sci 17(4):456-459

Oet 1969 79.8 W41

Chemical control (weeds), Cultural control (weeds), Cycloate, Dalapon, Endothal, Herbicides, Pebulate, Pyrazon, Sugar beets.

15749-69

SELECTIVE CONTROL OF PLAINS PRICKLYPEAR IN RANGELAND WITH HER-BICIDES.

G A Wieks C R Fenster O C Burnside

Weed Sci 17(4):408-411 REF

Oct 1969 79.8 W41 Chemical control (weeds), Dicamba, Herbicides,

Opuntia, Pieloram, Silvex, T, 2,4,5-.

15750-69

PLANT AND SOIL ARSENIC ANALYSES.

R E Wilkinson

Weed Sci 17(4):536-537

Oet 1969 79.8 W41

Arsenie, Chemical analysis, Cotton, Herbieides, Monosodium aeid methanearsonate, Neutron aetivation analysis, Plant biochemistry, Soil chemistry, Translocation.

15751-69

USE OF BIPYRIDYL HERBICIDES IN FORESTRY.

D F Wilson

J Sci Food Agr 20(8):506-508

Aug 1969 382 SO12

Bipyridylium compounds, Chemical control (weeds), Forestry, Herbicides, Paraquat, Weed control.

15752-69

CHEMICAL CONTROL OF SPECIFIC WEEDS.

A D Worsham W M Lewis W A Skroeh N C Pesticide Manual 00(00):116-117

1968 79.8 N81

Chemical control (weeds), Herbicide application, Herbicides, Spraying, Surveys, Weeds.

15753-69

CHEMICAL CONTROL OF WOODY PLANTS.

A D Worsham W M Lewis H D Coble N C Pesticide Manual 00(00):38

1968 79.8 N81

Chemical control (weeds), Herbicide application, Herbicides, Shrubs, Surveys.

15754-69

CHEMICAL CONTROL OF SPECIFIC WEEDS.

A D Worsham W M Lewis G K Klingman W A

N C Pesticide Manual 00(00):113-114

1967 79.8 N81

Chemical control (weeds), Grasses, Herbicides, Weeds.

CHEMICAL CONTROL OF WOODY PLANTS.

A D Worsham W M Lewis H D Coble N C Pesticide Manual 00(00):37

1967 79.8 N81

Chemical control (weeds), Climbing plants, Shrubs.

15756-69

WEED CONTROL. GENERAL INFORMATION. A D Worsham W M Lewis G C Klingman W A Skroch

N C Pesticide Manual 00(00):23-36

1967 79.8 N81

Herbicide application, Herbicides, Residues, Toxicology, Weed control.

OTHER PESTS

15757-69

ANIMAL CONTROL SUGGESTIONS AND BAIT FORMULATIONS.

V D Cunningham

N C Pesticide Manual 00(00):141-148

1968 79.8 N81

Baits, Birds, Integrated control (pests), Rodents.

15758-69

SECTION VI.--ANIMAL CONTROL.

J P Hardister

N C Pesticide Manual 00(00):169-176

1969 79.8 N81

Animals, Baits, Chemical control (pests), Insect repellents, Rodenticides, Rodents, Surveys.

THE POISONER'S PRIMER. CAUSED BY A CYTOPLASMIC VIRTORITHYOCAMPAE VAG... VIRUS **SMITHIAVIRUS**

K M Niblock A Ruperez

New Zeal J Agr 119(3):79,81

Sep 1969 23 N48J

Accident prevention, Chemical control (pests), Cyanides, Cytoplasm, Insect diseases, Opossums, Pesticide application, Thaumetopoea pityocampa.

15760-69

GERMAN FOREST-PROTECTION LITERA-TURE 1965/66. III. DEFENSIVE MASS PRO-TECTION AGAINST ANIMAL PESTS. (GE)

W Thalenhorst

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):689-692 REF

Nov 1967 464 8 73

Forests, Pest control, Pesticides, Plant protection, Wildlife pests.

LIVESTOCK PROTECTION

DISEASES

15761-69

GUMBORO DISEASE IN CHICKENS, (SP)

I Adamesteanu C Adamesteanu Rev Zootech Med Vet 18(3):48-53

Mar 1968 49 P943

Anatomy, Breeding, Bronchitis, Bursa, Chickens, Gumboro disease, Muscles, Poultry diseases, Preventive medicine, Veterinary hospitals, Virus diseases (animals). French summary

15762-69

INFECTIONS CORYZA OF POULTRY.

S C Adlakha

Indian Farming 19(9):45-47

Jul 1969 22 IN283

Antibiotics, Control, Coryza, Haemophilus gallinarum, Pasteurella multoeida, Poultry diseases, Virus diseases (animals).

15763-69

COMMENTS ON AN OUTBREAK OF FOOD TOXIINFECTION WITH SALMONELLA TY-PHIMURIUM IN AN OPEN COMMUNITY. (RUM)

D Alexandrescu E Voina S Popovici G Flocea G Vasilescu

Microbiol Parazitol Epidemiol 12(6):533-536

Nov 1967 448.3 M584

Animal morphology, Communities, Epidemiology, Food poisoning, Human diseases, Salmonella typhimurium, Swine. English and German summaries

INTERSTATE TRANSPORTATION ANIMALS AND POULTRY, CYSTICERCOSIS. REVOCATION OF REGULATIONS.

R I Anderson

Fed Regist 33(159):11587

15 Aug 1968 L1.451

Agricultural regulation, Animal quarantine, Cattle, Echinococcosis, Interstate commerce, Parasitism, Poultry, Transportation.

15765-69

INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY, DUCK VIRUS EN-TERITIS (DUCK PLAGUE). APPROVED SOURCE FLOCKS.

R J Anderson

Fed Regist 33(198,PT.1):15108

10 Oct 1968 L1.451

Agricultural regulation, Animals, Ducks, Enteritis, Poultry, Transportation, Vaccines, Virus diseases (animals).

15766-69

BOVINE BRUCELLOSIS IN THE STATE OF SAO PAULO. INCIDENCE IN THE REGION OF RIBEIRAO PRETO.

F De Assis Tupinamba Valente L Braz Siqueira Amaral

Biologico 35(5):97-104

May 1969 442.8 B529

Brucellosis, Cattle, Livestock diseases, Surveys.

15767-69

EXPERIMENTAL INFECTION OF CALVES WITH MYXOVIRUS PARAINFLUENZA-3 AND PASTEURELLA HAENOLYTICA.

D E Baldwin R G Marshall G E Wessman Amer J Vet Res 28(127)1773-1782 REF

Nov 1967 41.8 AM3A

Antibodies, Calves, Immunization, Parainfluenza-3 virus, Pasteurella hemolytica.

15768-69

ANTIGENIC ANALYSIS OF BOVINE ENTEROVIRUSES THROUGH STUDIES OF THE KINETICS OF NEUTRALIZATION.

M A Barya T Moll D E Mattson

Amer J Vet Res 28(126):1283-1294 REF Sep 1967 41.8 AM3A

Bovine enteroviruses, Cattle, Serodiagnosis, Tissue culture.

TECHNIQUES FOR THE DETECTION OF EN-ZOOTIC LEUKOSIS IN CATTLE, VALUE OF THE BLOOD TEST. POSSIBLE ERRORS. (RUS)

E Buzi T R Andrian I Georgescu

Rev Zootech Med Vet 18(4):32-38 REF

Apr 1968 49 P943

Blood tests, Cattle, Cells, Enzootic bovine leukosis, Livestock diseases, Morphology, Sampling (statistics).

15770-69

PROBLEMS OF HORSESICKNESS. STUDIES AT I. V. R. I..

M R Dhanda S Kumar

Indian Farming 19(4):39-41 Jul 1969 22 IN283

African horse sickness, Diagnosis, Epizootic diseases, Vaccines, Virus diseases (animals).

15771-69

THE CONCENTRATION FOOT-AND-OF POLYETHYLENE VIRUS BY MOUTH GLYCOL. (FR)

M-T Favet

Acad Sci Compt Rend Ser D 268(25, 1ST

SEMESTER):3140-3141

23 Jun 1969 505 P21

Biophysics, Foot-and-mouth disease virus. Methodology, Polyethylene glyeol.

ON ETIOLOGY AND SPREAD OF ATROPHIC RIIINITIS IN SWINE AT SWINE FARMS IN BOSNIA AND HERZEGOVINA. (CZ)

Z Forsek Lj Rukavina A Nevejestic

Vet Glas 22(3):165

1968 41.8 J93

Anatomy, Atrophie rhinitis, Baeteriology, Etiology, Farms, Infectious diseases, Inflammation, Livestock diseases, Metabolism, Respiratory dis-eases, Swine. English and Russian summaries

PATHOLOGIC ORGIN AND MORPHOLOGY OF TUBERCULOSIS IN CATTLE TODAY. (SL)

Vet Glas 22(2):119-126

1968 41.8 J93

Animal morphology, Bacteriology, Cattle, Gastrointestinal system, Infectious diseases, Livestock diseases, Tuberculin, Tuberculosis. English and Russian summaries

15774-69

END-OF-SEASON MASTITIS CONTROL.

R J Gillham

Tasmanian J Agr 40(2):167-169

May 1969 23 T182T

Drug therapy, Livestock diseases, Mastitis, Sanitation.

15775-69

STIMULATION OF DNA SYNTHESIS IN BOVINE LEUKOCYTE CULTURES TRYPANOSOMA THEILERI ANTIGEN.

W C D Hare E J L Soulsby J Parasitol 55(5):973-976 REF

Oct 1969 448.8 J824

Antigens, Biochemistry, Cattle, Crop yields, Deoxyribonucleic acid, Insect outbreaks, Leukocytes, Macrosiphum avenae. Tissue Trypanosoma theileri, Wheat. English abstract.

ASPERGILLOSIS OF DUCKLINGS. (SP)

S Haroviuc 1 Cristea

Rev Zootech Med Vet 18(3):73-76

Mar 1968 49 P943

Aspergillosis, Aspergillus fumigatus, Ducklings, Asperginosis, Asperginus fullingatus, Duckinigs, Iodine compounds, Mortality, Myeosis, Poultry diseases, Sodium carbonate, Starches, Straw, Therapeutics. Hebrew and French summaries

EROSION AND ITS SUBSEQUENT LESION IN FOWL AIR SACS. (JAP)

C Itakura

Jap J Vet Sci 30(1):7-19 REF

Feb 1968 41.8 J27

Air sacs, Animal histology, Cells, Embryos, Injuries, Microorganisms, Poultry, Respiratory diseases. English summary Poultry, Respiration,

15778-69

CONTRIBUTION TO THE KNOWLEDGE OF CONTROL OF EPIZOOTIC DISEASE OF SHEEP HOOFS. (CZ)

R Katic Z Vukacevic Lj Cvetkovic R Jovanovic Lj Stojicevic

Vet Glas 22(3):171-177 1968 41.8 J93

Epizootic diseases, Hoofs, Infectious diseases, Livestock diseases, Preventive medicine, Sheep. English and Russian summaries

BIBLIOGRAPHY

15779-69

15779.69

NOTICE OF FILING OF PETITION FOR FOOD

J K Kirk

Fed Regist 33(186,PT.)):14380

24 Sep 1968 L1.451

Dairy cattle, Drug therapy, Feed additives, Mastitis.

15780-69

NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVES ERYTHROMYCIN AND DIETHYLSTILBESTROL.

J.K.Kirk

Fed Regist 33(180,PT.1):13042-13043

14 Sep 1968 L1.451

Agricultural regulation, Biochemistry, Cattle, Dicthylstilbestrol, Erythromycin, Feed additives.

15781-69

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVES CARBARSONE (NOT U.S.P.), ZOALENE, PROCAINE PENICILLIN, BACITRACIN METHYLENE DISALICYLATE, ZINC BACITRACIN.

J K Kirk

Fed Regist 33(144):10586

25 Jul 1968 L1.451

Agricultural regulation, Bacitracin methylenedisalicylic acid, Blackhead, Carbarsone, Coccidiosis, Feed additives, Poultry, Procaine penicillin, Zinc bacitracin, Zoalene.

15782-69

FOOD ADDITIVES. PROPOSED REVOCA-TIONS REGARDING AMPROLIUM, OX-YTETRACYCLINE, ZOALENE.

J K Kirk

Fed Regist 33(133):9904

10 Jul 1968 L1.451

Amprolium, Drug therapy, Feed additives, Oxytetracycline, Zoalene.

15783-69

NOTICE OF FILING OF PETITION OF FOOD ADDITIVE BUQUINOLATE.

J K Kirk

Fed Regist 33(160):11685

16 Aug 1968 L1.451

Agricultural regulation, Buquinolate, Chickens, Coccidiosis, Eimeria brunetti, Feed additives.

15784-69

NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVES.

J K Kirk

Fed Regist 33(155):11366

09 Aug 1968 L1.451

Agricultural regulation, Aklomide, Bacitracin, Chickens, Feed additives, Sulfanitran.

15785-69

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE DISODIUM EDTA.

J K Kirk

Fed Regist 33(134):9968

11 Jul 1968 L1.451

Agricultural products, Agricultural regulation, Animals, Ethylenediaminetetraacetic acid, Feed additives, Micronutrients, Minerals.

15786-69

NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVE DIETHYLCAR-BAMAZINE.

J K Kirk

Fed Regist 33(134):9968

11 Jul 1968 L1.451

Accident prevention, Agricultural products, Diethylcarbamazine, Dog foods, Feed additives, Filariasis, Organophosphorus compounds.

15787-69

FOOD ADDITIVES PERMITTED IN THE FEED AND DRINKING WATER OF ANIMALS OR FOOT THE TREATMENT OF FOOD-PRODUCING ANIMALS, DRUGS, ANTIBIOTIC DRUGS;

EXEMPTIONS FROM LABELING AND CERTIFICATION REQUIREMENTS, CIILORTETRACYCLINE, SULFAMETHAZINE,

J K Kirk

Fed Regist 33(198,PT.1):15113-15114

10 Oct 1968 L1.451

Agricultural regulation, Antibiotics, Chlortetracycline, Drug therapy, Feed, Food additives, Livestock, Sulfamethazine, Water.

15788-69

TOXOPLASMOSIS PATHOGENESIS IN DOGS (EXPERIMENTAL INVESTIGATION), (RUS)

E P Kovaleva T F Kagoi M G Khokhlqva M G Smaikina

Zhur Mikrobiol Epidemiol Immunobiol 12:101-105 Dec 1967 448.3 Z4

Dogs, Parasitism, Toxoplasmosis, Virus diseases (animals). English summary

15789-69

LEAD POISONING AND ASPERGILLOSIS IN AN ANDEAN CONDOR.

L N Locke G F Bagley D N Frickie L T Young Amer Vet Med Ass J 155(7):1052-1056 REF 01 Oct 1969 41.8 AM3

Animal histology, Aspergillosis, Birds, Kidneys, Lead poisoning, Lungs.

15790-69

PHYTO-TRICHOBEZOARS IN THE CAECUM OF HORSES IN THE NORTHERN TERRITORY.

J R Maconochie D M R Newman D Newton-

Tabrett

Australian Vet J 44(2):81-82

Feb 1968 41.8 AU72

Gastrointestinal system, Horses, Plants.

15791-69

PHYSIOLOGIC AND ENDOCRINOLOGIC EFFECTS OF THE INSECTICIDE KEPONE IN THE JAPANESE QUAIL.

L Z McFarland P B Lacy

Toxicol Appl Pharmacol 15(2):441-450

Sep 1969 391.8 T662

Animal physiology, Birds, Decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd) p, Estrogens, Liver.

15792-69

SOUTH AUSTRALIA INSTITUTE OF MEDICAL AND VETERINARY SCIENCE: 29TH ANNUAL REPORT OF THE COUNCIL OF MEDICAL AND VETERINARY SCIENCE.

I McLachlan

29:65

Jun 1967 448.9 IN76

Animal diseases, Bacteriology, Biology, Chemistry, Histology, Research, Virology.

15793-69

SEROLOGICAL CATALOGUE OF SALMONEL-LA GALLINARUM AND PULLORUM IN THE AGRICULTURAL ZONE OF ARGENTINA. (SP) E S Menchaca S I Barberis

La Plata Univ Nac Fac Cienc Vet Rev 8(18):29-33 RFF

Jan 1966 41.9 L313

Bacteriology, Pullorum disease, Salmonella gallinarum, Salmonella pullorum, Serological tests.

15794-69

EPIZOOTIOLOGICAL OBSERVATIONS ON WEATHER AND LOCAL FACTOR EFFECT ON THE INCIDENCE OF OUTBREAKS OF AVIAN PASTEURELLOSIS. (RUS)

O Mihaescu G H Mircescu C Popescu Rev Zootech Med Vet 18(4):39-46

Apr 1968 49 P943

Bacteriology, Epidemiology, Epizootic diseases, Fowl cholera, Pasteurellosis, Weather.

15795-69

UTILIZATION OF GLUCOSE IN CHICKEN LIVER AND MUSCLE AND EFFECT OF AL-LOXAN ON IT. (JAP)

N Miyao M Hayashi

Jap J Vet Sci 29(5):273-282 REF

Oct 1967 41.8 J27

Alloxan, Animal physiology, Biochemistry, Chickens, Diaphragm, Fatty acids, Glucose, Liver glycogen, Muscles, Rats.

5796-69

TULAREMIA FOCUS IN THE VOLGA RIVER DELTA AND MEASURES OF ITS CONTROL. (RUS)

E I Novikova

Zhur Mikrobiol Epidemiol Immunobiol 44(3):90-94

1967 448.3 Z4

Animal vectors, Field mice, Human diseases, Immunization, Insect control, Insect vectors, Rodent control, Tularemia, Watershed management. English summary

15797-69

INVESTIGATION ON GROWTH MEDIA FOR MYCOPLASMA: EVALUATION OF INFUSIONS, PEPTONES, SERA, YEAST EXTRACTS AND OTHER SUPPLEMENTS. (JAP)

M Ogata T Ohta A Obara l Z Pan Jap J Vet Sci 29(5):259-271 REF

Oct 1967 41.8 J27

Bacteria, Culture media, Microbiology, Mycoplasma, Peptones, Serum, Yeast cultures.

15798-69

TISSUE DISTRIBUTION OF SULFADIMETHOXINE AND SULFAMONOMETHOXINE IN HORSES AFTER INTRAVENOUS INJECTION.

S Oh-Ishi

Jap J Vet Sci 30(1):21-23 REF

Feb 1968 41.8 J27

Blood, Drug therapy. Horses, Injections, Sulfadimethoxine, Sulfameter, Synovial membrane, Tissues, Veterinary medicine. Japanese summary

15799-69

CRYPTOCOCCOSIS IN A CAT.

S Okoshi A Hasegawa

Jap J Vet Sci 30(1):39-42

Fcb 1968 41.8 J27 Animal histology, Cats, Cryptococcosis, Cryptococcus neoformans, Cryptogamia, Mycology, Mycosis, Soil fungi. Japanese summary

15800.69

MIXED NATURAL FOCUS OF Q-RICKETTSIO-SIS AND OF TICK-BORNE ENCEPHALITIS IN THE EASTERN-EUROPEAN SOUTH-TAIGA FORESTS. (RUS)

A A Pchelkina Z M Zhmaeva

Zh Mikrobiol Epidemiol Immunobiol 44(3):118-123

1967 448.3 Z4

Animal diseases, Antibodies, Bacteriology, Coxiella burnetii, Encephalitis, Forests, Insect vectors, Ixodides, Q fever, Rickettsial diseases. English summary

15801-69

E. COLI GASTROENTERITIS IN WEANED PIGLETS AND ATTEMPTS AT THE APPLICATION OF IMMUNOPROPHYLAXIS.

M Popovic S Zakula N Nikolin M Ercegan Vet Glas 22(1):17-21

1968 41.8 J93

Antibiotics, Antigens, Baby pigs, Bacteria, Diarrhea, Escherichia coli, Gastroenteritis, Immunology, Infectious diseases, Preventive medicine, Serum, Swine, Therapeutics.

15802-69

THE ROLE AND IMPORTANCE OF MOLD IN THE OCCURRENCE OF ALIMENTARY IN-TOXICATIONS IN SWINE. (LEXPERIMENTAL TOXICATION OF PIGLETS WITH MOLD FEED). (SL)

M Popovic S Zakula

Vet Glas 22(2):111-117 REF

1968 41.8 J93

Aspergillus, Baby pigs, Culture, Feed toxicity, Fusarium, Gastrointestinal system, Livestock discases, Molds, Mucor, Mycosis, Penicillium, Swine. English and Russian summarics

15803.69

SALMONELLOSIS INCIDENCE IN GASTRO-ENTEROPNEUMOPATHIES IN CATTLE. (SP) V Quai C Pop V Balogh M Vicas H Oprea G Horvath I Turjuc

Rev Zootech Med Vet 18(3):54-67

Mar 1968 49 P943

Animal physiology, Bacteria, Castration, Cattle, Epizootic diseases, Gastrointestinal system, Injections, Liver, Livestock diseases, Milk analysis, Salmonella enteritidis, Salmonella essen, Salmonellosis. Summary in Hebrew and French

15804-69

SIX CASES OF HUMAN RABIES. CLINICAL AND VIROLOGICAL STUDIES. (SP)

F S Rengell E Ponce De Leon M A Hernandez Rev Invest Salud Publica 26(4):307-318 Oct 1966 449.9 M572

Animal vectors, Bats, Human diseases, Laboratories, Rabies, Virology, Viruses. English summary

15805-69

MASKING OF THE AGGREGATION PHER-MONE IN DENDROCTONUS PSEUDOTSUGAE HOPK.

J A Rudinsky

Science 166(3907):884-885

14 Nov 1969 470 SC12

Biochemistry, Cytology, Electron microscopy, Enzymes, Nervous system diseases, Proteins, Ribonuelcie acid, Ribosomes, Tissue culture, Viruses.

15806-69

IMMUNITY TO SALMONELLA INFECTION (EXPERIMENTAL INVESTIGATION). REPORT I, DYNAMICS OF 19S AND 7S ANTIBODY FORMATION AND SPECIFIC RESISTANCE IN IMMUNIZATION WITH CELLULAR COMPONENTS OF TYPHOID BACILLUS. (RUS)

E S Stanislavsky N G Fish

Zhur Mikrobiol Epidemiol Immunobiol 44(3):82-87 REF

1967 448.3 Z4

Animal disease resistance, Antibodies, Antigens, Bacillus, Bacteriology, Immunization, Immunochemistry, Mice, Salmonella, Typhus. English summary

15807-69

ROLE OF INTERFERON IN ENHANCED REPLICATION OF NEWCASTLE DISEASE VIRUS IN SWINE CELLS INFECTED WITH HOG CHOLERA VIRUS.

M Toba M Matumoto

Jap J Microbiol 13(3):303-305

Sep 1969 448.8 J273

Hog cholera virus, Interferon, Newcastle disease virus, Swine, Tissue culture, Virus diseases (animals).

15808-69

CONTROL AND ERADICATION OF ANIMAL INFECTIONS IN ARMY IN CONTEMPORARY WAR. (CZ)

V Turudic

Vet Glas 22(3):153-158

1968 41.8 J93

Armed forces, Infectious diseases, Livestock diseases, Veterinary medicine, Warfare.

15809-69

INVESTIGATIONS ON Q FEVER IN THE REPUBLIC OF MEXICO. (SP)

G Varela R Velasco

Rev Invest Salud Publica 26(4):301-306

Oct 1966 449.9 M572

Bacteriology, Blood serum, Cattle, Coxiella burnetii, Livestock diseases, Milk, Q fever, Rickettsial diseases. English conclusions

15810-69

REDUCTION OF ARBOVIRUS PLAQUE NUMBERS BY SUSPENSIONS OF NORMAL MOSQUITOES.

T M Yuill

Amer J Trop Med Hyg 18(4,PT 1):609-613 REF Jul 1969 448.8 AM326

Aedes acgypti, Arboviruses, Culex tritaeniorhynchus, Extracts, Mice, Plaque, Virology.

ARTHROPODS

15811-69

SUGAR SOLUTION FEEDING AND ITS EFFECT ON THE RETENTION OF INFECTIVE DIROFILARIA IMMITIS LARVAE IN ANOPHELES QUADRIMACULATUS.

W J Bemrick D M Bemrick

J Med Entomol 6(3):278-279

Aug 1969 421 J828

Anopheles quadrimaculatus, Dirofilaria immitis, Feeding, Larvae, Sugars, Temperature.

15812-69

LIVESTOCK AND POULTRY INSECTS.

J Falte

N C Pesticide Manual 00(00):86-91

1968 79.8 N81

Chemical control (insects), Insect pests, Insecticide application, Insecticides, Livestock, Poultry, Surveys.

15813-69

THE USE OF CHLOROPHOS WITH PROLONGATOR FOR ANTITICK TREATMENT OF CATTLE IN A FOCUS OF CRIMEAN HEMORRHAGIC FEVER. (RUS)

V D Poleschuk V I Vashkov D N Stolbov Y V Zimina

Zhur Mikrobiol Epidemiol Immunobiol 12:87-91 REF

Dec 1967 448.3 Z4

Cattle, Chemical control (insects), Epidemic hemorrhagic fever, Insect vectors, Insecticides, Ixodides, Livestock diseases, Organophosphorus compounds, Trichlorfon. English summary

15814-69

INSECTS ON HUMANS.

R L Robertson

N C Pesticide Manual 00(00):85

1968 79.8 N81

Chemical control (insects), Chlordane, Dieldrin, DDT, Humans, Insect pests, Insecticide application, Insecticides, Lindane, Toxaphene.

15815-69

THE PHARMACOKINETICS OF HEOD (DIELDRIN) IN THE RAT.

J Robinson M Roberts M Baldwin A 1 T Walker Food Cosmet Toxicol 7(4):317-332 REF

Jul 1969 391.8 F73

Adipose tissue (animals), Blood, Brain, Chlorinated hydrocarbons, Dieldrin, Liver, Pharmacology, Rats.

15816-69

EPIDEMIOLOGY OF WESTERN ENCEPHALITIS IN ALBERTA: RESPONSE OF NATURAL POPULATIONS OF MOSQUITOES TO AVIAN HOST.

J A Shemanchuk

J Med Entomol 6(3):269-275

Aug 1969 421 J828

Aedes, Chickens, Culex tarsalis, Culiseta, Discase transmission, Population, Surveys, Western equine encephalomyelitis virus.

15817-69

ABUNDANCE OF RODENTS AND FLEAS AS RELATED TO PLAGUE IN LAVA BEDS NATIONAL MONUMENT, CALIFORNIA.

H E Stark A R Kinney

J Med Entomol 6(3):287-294 REF

Aug 1969 421 J828

Ecology, Insect vectors, Plague, Rats, Rodents, Siphonaptera, Surveys.

PARASITES

15818-69

INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY. CYSTICEROSIS. CHANGE IN AREAS QUARANTINED.

R J Anderson

Fed Regist 33(139):10280

18 Jul 1968 L1.451

Animal quarantine, Animals, Echinococcosis, Interstate commerce, Parasitism, Poultry, Transportation.

15819-69

SPECIES OF GASTRO-INTESTINAL NE-MATODES IN SHEEP WITHIN THE DISTRICT OF SOUTHERN BACKA AND NORTHERN BANAT. I. INTENSITY AND DYNAMICS OF OCCURRENCE. (CZ)

R Golosin

Vet Glas 22(3):193-198

1968 41.8 J93

Epidemiology, Gastrointestinal system, Nematodes, Parasitism, Sheep. English and Russian summaries

15820-69

EIMERIA SAITAMAE N. SP.: A NEW CAUSE OF COCCIDIOSIS IN DOMESTIC DUCKS (ANAS PLATYRHYNCHA VAR. DOMESTICA). (JA)

1 Inque

Jap J Vet Sci 29(4):209-215 REF

Aug 1967 41.8 J27

Coccidiosis, Ducklings, Eimeria saitamae, Feces, Intestines, Parasitism, Poultry diseases, Sporozoa.

15821-69

STUDIES ON AVIAN MALARIA IN JAPAN. I. LIFE CYCLE, ESPECIALLY EXOERYTHROCYTIC GROWTH OF THE PARASITE. (JAP)

K Itagaki M Tsubokura

Jap J Vet Sci 30(1)1-6 REF Feb 1968 41.8 J27

Avian malaria, Blood cells, Chickens, Erythrocytes, Morphology, Parasitism, Parasitology, Plasmodium. English summary

15822-69

THE PROTECTIVE EFFECT OF HEXACHLOROPHANE AGAINST INFECTION WITH FASCIOLA HEPATICA.

S B Kendall I J Sinclair

Res Vet Sci 10(5):481-482

Scp 1969 41.8 R312

Beans, Curculionidae, Drug therapy, Fasciola hepatica, Insect taxonomy, Methylenebis(3,4,6-trichlorophenol), 2,2'-, Rabbits, Zoogeography.

15823-69

EXPERIMENTAL STUDIES ON ANCYLOSTOMIASIS IN CATS IV. EXPERIMENTAL INFECTION OF ANCYLOSTOMA TUBAFFORME AND A. CANINUM TO CAT. S Okoshi Y Murata

Jap J Vet Sci 29(5):251-258 REF

Oct 1967 41.8 J27

Ancylostoma caninum, Ancylostoma tubaeforme, Ancylostomiasis, Cats, Hookworm disease, Nematodes, Parasitism.

15824-69

EXPERIMENTAL STUDIES ON TOXASCARIS LEONINA. II. DIAGNOSIS AND TREATMENT OF TOXASCARIASIS IN DOGS AND CATS.

S Okoshi M Usui

Jap J Vet Sci 29(5):245-250

Oct 1967 41.8 J27 Anthelmintics, Ascariasis, Cats, Dogs, Nematodes, Parasitism, Toxascaris Iconina.

15825-69

EXPERIMENTAL STUDIES ON TOXASCARIS LEONINA. I. INCIDENCE OF T. LEONINA AMONG DOGS AND CATS IN JAPAN. (JA)

S Okoshi M Usui

Jap J Vet Sci 29(4):185-194 REF

Aug 1967 41.8 J27

Animal diseases, Ascariasis, Cats, Dogs, Infectious diseases, Nematodes, Parasitism, leonina, Toxocara canis, Toxocara cati. Toxascaris

15826-69

EXPERIMENTAL STUDIES ON AN-CYLOSTOMIASIS IN CATS. IIL EGG CUL-TURE OF ANCYLOSTOMA TUBAEFORME ZEDER, 1800 AND ANCYLOSTOMA CANINUM ERCOLANI, 1859. (JA)

S Okoshi Y Murata

Jap J Vet Sci 29(4):177-184 REF

Aug 1967 41.8 J27

Ancylostoma caninum, Ancylostoma tubaeforme, Ancylostomiasis, Animal diseases, Cats, Culture media, Filariasis, Morphology, Nematodes, Parasitism, Rhabditis, Temperature

Abstract: Eggs of both A.tubaeforme and A.caninum could hatch in water with no feces provided.

15827-69

MICROSPORUM GYPSEUM ISOLATED FROM FELINE RINGWORM. (JA)

S Okoshi A Hascgawa

Jap J Vet Sci 29(4):195-199

Aug 1967 41.8 J27

Animal discases, Cats, Microsporum gypseum, Mycosis, Parasitism, Ringworm.

EPIDEMIOLOGICAL CONSIDERATIONS ON TENIASIS IN THE BIRLAD DISTRICT. (RUM)

I Popa M Costin P Penciu

Microbiol Parazitol Epidemiol 12(1):25

Jan 1967 448.3 M584

Cestodiasis. Echinococcosis. Epidemiology Livestock diseases, Parasitism, Tacnia solium, Tacniasis. French, German, English and Russian

15829-69

THE EFFECT OF SIMULTANEOUS TREAT-MENT WITH HEXACHLOROPHENE AND NITROXYNIL UPON IMMATURE FASCIOLA HEPATICA IN RATS AND RABBITS.

R J Ray F J Millan

Res Vet Sci 10(5):405-408

Scp 1969 41.8 R312

Drug therapy, Fasciola hepatica, Insect taxonomy, Mallophaga, Methylenebis(3,4,6-trichlorophenol), 2,2'-, Nitroxinil, Rabbits, Rats, Surveys, Zoogeography.

PRECIPITATING ANTIBODIES TO INFECTION WITH FASCIOLA HEPATICA IN RABBITS. GEOMETRIDAE), (PART VIII.).

1 J Sinclair S B Kendall

Res Vet Sci 10(5):483-485

Sep 1969 41.8 R312

Antibodies, Fasciola hepatica, Geometridae, Insect taxonomy, Precipitin test, Rabbits, Surveys, Zoogeography.

15831-69

SHEEP MEASLES.

W. H. Stephens

Tasmanian J Agr 40(2):120-121

May 1969 23 T182T

Cysticercus, Disease transmission, Dogs, Drug therapy, Marketing, Sheep, Taenia ovis.

PREVENTING HYDATID DISEASE IN HU-MANS.

W H Stephens A J Bramble

Tasmanian J Agr 40(2):98-104

May 1969 23 T182T

Disease transmission, Dogs, Echinocoecosis, Public

15833-69

EFFICACY OF COUMAPHOS AND NAPHTHALOPHOS AGAINST NEMATODES OF LAMBS.

C T Train R G White M F Hansen Amer J Vet Res 29(12):2331-2335 Dec 1968 41.8 AM3A

Anthelmintics, Coumaphos, Drug therapy, Lambs, Naphthalophos, Nematodes.

COMMODITY PROTECTION

15834-69

SWEET POTATO STORAGE HOUSE STERILIZATION.

H R Garriss L W Nielsen D V Phillips N C Pesticide Manual 00(00):122

1968 79.8 N81

Mercury, Pesticide application, Sterilization, Storage, Sulfur, Sweet potatoes.

STORAGE DISEASES

15835-69

THE FUNGAL DISEASES OF PEARS AND AP-PLES DURING STORAGE. I. GENERAL ASPECTS. (FR)

P Bondoux

Ann Epiphyt 18(4):509-545 REF

1967 464.9 F84AN

Alternaria tenuis, Apples, Botrytis einerea, Fungus diseases (plants), Pears, Phacidiopyenis furfuracea, Plant disease resistance, Sclerotinia fructigena, Storage diseases, Trichoseptoria fructigena. English summary

ARTHROPODS

15836-69

STORAGE INSECTS.

W V Campbell J Falter

N C Pesticide Manual 00(00):118-120

1968 79 8 NRI

Chemical control (insects), Corn, Grain, Insecticide application, Insecticides.

15837-69

STORAGE INSECTS.

W V Campbell J Falter

N C Pesticide Manual 00(00):115-117

1967 79.8 N81

Chemical control (insects) Corn Fumigants, Insect pests, Insecticides, Storage diseases.

15838-69

TERMITES AND POWDER-POST BEETLES.

H B Moore

N C Pesticide Manual 00(00):118

1967 79.8 N81

Chemical control (insects), Chlordane, Dieldrin, DDT, Lindane, Lyctidae, Termites.

15839-69

MOTHS--PEST IN DWELLING PLACES AND NATIONAL ECONOMY. (RUS)

K Touleshkov

Priroda (Sofia) (2,MAR-APR):35-39

Apr 1967 410 P934

Gelechiidae, Household pests, Moths, Pyralidae, Tineidae.

15840-69

HOUSEHOLD PESTS.

C G Wright R L Robertson

N C Pesticide Manual 00(00):82-84

1968 79 8 N81

Chemical control (pests), Chlordane, Diazinon, Dichlorvos, Dieldrin, Household pests, Insecticides, Lindane, Malathion, Surveys.

MICROBIAL CONTAMINATION

FURTHER STUDIES ON ROT OF MCINTOSH APPLES HANDLED IN WATER.

G D Blanpied A Purnasiri

Plant Dis Rep 53(10):825-828

Oct 1969 1.9 P69P

Apples, Polyethylene, Rot, Stored products, Water,

15842-69

CLINICAL ASPECTS ON A FOOD TOXINFEC-TION EPIDEMIC DUE TO A SALMONELLA STRAIN SELDOM REPORTED IN ROMANIA. (RUM)

I Gavrila M Solovicy N Opreanu

Microbiol Parazitol Epidemiol 12(6):537-543

Nov 1967 448.3 M584

Drug therapy, Epidemiology, Food poisoning, Influenza, Salmonella anatum, Salmonella panama, Salmonella typhimurium. English, German, and

15843-69

LEPTOSPIROSIS AMONG THE WORKERS OF THE ENGELS MEAT PLANT, (RUS)

M V Godlevskaya D I Drankin E V Rumyantseva Zhur Mikrobiol Epidemiol Immunobiol 44(3).114-117

1967 448 3 74

Antibodies, Bacteriology, Human diseases, Leptospira canicola, Leptospira grippotyphosa, Leptospira pomona, Leptospirosis, Meat packing industry, Scrological tests, Weil's disease, Zoonoses. English summary

15844-69

CASE OF BOTULISM, TYPE E ON SAKIJALIN. (RUS)

N D Mazurin A P Merzlyakov

Zhur Mikrobiol Epidemiol Immunobiol 44(3):123-125 REF

1967 448.3 Z4

Botulism, Clostridium botulinum, Food poisoning, Human diseases, Toxicology. English summary

FOOD POISONINGS, CAUSED BY C. PERFRIN-GENS. (RUS)

G I Sidorenko O A Sakharova L S Popova V V Shelakova

Zhur Mikrobiol Epidemiol Immunobiol 44(3):75-78 RFF

1967 448.3 Z4

Bacteriology, Clostridium perfringens, Food contamination, Food poisoning, Human diseases. English summary

15846-69

THE EPIDEMIOLOGIC ASPECTS OF SAL-MONELLOSES IN BUCHAREST. (RUM.)

A Telniceanu H Dunareanu C Butoianu C Dumitrescu

Microbiol Parazitol Epidemiol 12(6):525-532 REF Nov 1967 448.3 M584

Eggs, Epidemiology, Hospitals, Human diseases. Salmonella enteritidis, Salmonella typhimurium, Salmonellosis, English, Russian, and German summaries

ENVIRONMENTAL CONTAMINATION

15847-69

DDT RESIDUE PERSISTENCE IN RED-BACKED SALAMANDERS IN A NATURAL EN-VIRONMENT.

J B Dimond R E Kadunce A S Getchell J A Blease

Bull Environ Contamination Toxicol 3(4):194-202 Jul 1968 RA1270.P35A1

Environment, Habitats. Population, Research, Spraying.

15848-69

IMPROVED RE-IGNITION TECHNIQUE FOR FLAME PHOTOMETRIC DETECTORS.

L E Fetzer

Bull Environ Contamination Toxicol 3(4):227-228 Jul 1968 RA1270.P35A1

Air pollution, Chemicals, Chromatography, Equipment, Phosphorus, Photometry, Research, Sulfur.

ENDRIN INDUCED TRACE METAL ALTERA-TIONS FOLLOWING ACUTE EXPOSURE.

C H Lawrence R L Coleman W L Sowell Bull Environ Contamination Toxicol 3(4):229-239 Jul 1968 RA1270.P35A1

Anatomy, Circulatory system, Endrin, Laboratories, Parameters, Rats, Research, Tables (data).

PESTICIDE LEVELS IN FISH OF THE NORTHEAST PACIFIC STOUT, V F.

Bull Environ Contamination Toxicol 3(4):240-246 Jul 1968 RA1270, P35A1

Biology, Drainage, Extracts, Fish, Pesticides, Sampling (statistics), Toxicology.

DECOMPOSITION OF HERBICIDES IN THE SOIL. (RUS)

V Rankov

Priroda (Sofia) (5,SEP-OCT):46-47

Oct 1967 410 P934 Degradation, Herbicides, Residues,

RESIDUES

15852-69

ON DECOMPOSITION OF I-PHENYL-4-AMINO-5-CHLORO-PYRIDAZONE-6 (PYRAZONE) IN SOIL. (GE)

N Drescher

Berlin Biol Bundesanst Land-foretwirtsch Mitt 132(37):73-78

Jan 1969 410.9 G31M

Herbicides, Pyrazon, Soil chemistry. English abstract

DIFFUSION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS.

1 J Graham-Bryce

J Sci Food Agr 20(8):489-494 REF

Aug 1969 382 SO12

Dimethoatc, Disulfoton, Insecticide residues, Organophosphorus compounds, Soil analysis.

DEGRADATION OF COMMERCIAL DDT IN SILAGE.

R F Henzell R J Lancaster

J Sci Food Agr 20(8):499-502 REF

Aug 1969 382 SO12

Degradation, DDT, Insecticide residues, Silage.

DETERMINATION OF FUMIGANT RESIDUES IN CEREALS AND OTHER FOODSTUFFS: A MULTI-DETECTION SCHEME FOR GAS CHROMATOGRAPHY OF SOLVENT EX-TRACTS.

S G Heuser K A Scudamore

J Sci Food Agr 20(9):566-572 REF

Scp 1969 382 SO12

Chemical analysis, Chromatography, Fumigants, Grain, Methodology.

PESTICYDE RESIDUES IN FOODSTUFFS IN GREAT BRITAIN. XII. ORGANOCHLORINE INSECTICIDE RESIDUES IN HEN'S EGGS FROM BATTERY, DEEP-LITTER AND FREE- RANGE SYSTEMS AND FROM HOUSES CON-TAINING INSECTICIDE THERMAL VAPORISERS.

D C Holmes J H Simmons J O'g Tatton

J Sci Food Agr 20(8):495-498

Aug 1969 382 SO12

Benzene hexachloride, Chickens, Chlorinated hydrocarbons, DDT, Eggs, Insecticide residues.

AZINPHOS-ETHYL RESIDUES ON FIELD GROWN TOMATOES.

J T Hughes K G Tate P D Wilson

New Zeal J Agr Res 12(2):417-422

May 1969 23 N4892

Attractants, Azinphosethyl, Colorimetry, Organophosphorus compounds, Pesticide residues, Tomatoes.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODI-TIES. FOOD ADDITIVES 2,2-DICHLOROVINYL DIMETHYL PHOSPHATE.

J K Kirk

Fed Regist 33(154):11207

08 Aug 1968 L1.451

Agricultural products, Dichlorvos, Food, Food additives, Insecticide residues, Organophosphorus compounds, Pesticides, Raw materials.

15859-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDES CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. O, ODIETHYL S-2-(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE.

J.K. Kirk

Fed Regist 33(180,PT.1):13007

14 Sep 1968 L1.451

Agricultural products, Chemicals, Disulfoton, Grain, Insecticide residues, Organophosphorus compounds, Pesticides, Plant biochemistry, Wheat.

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDE CHEMICAL.

J K Kirk

Fed Regist 33(180,PT.1):13043

14 Scp 1968 L1.451

Agricultural products, Apples, Chemicals, Chromatography, Insecticide residues, Pesticides, Plant biochemistry, Tetrasul.

15861-69

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDES.

J K Kirk

Fed Regist 33(123):9312

25 Jun 1968 L1.451

Butylphenoxy)cyclohexyl 2-propynyl sulfite, 2-(ptert-, Fruit, Insecticide residues, Walnuts.

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDES.

LK Kirk

Fed Regist 33(123):9312

25 Jun 1968 L1.451

Binapacryl, Cucumhers, Fruit, Fungicides, Insecticide residues, Melons.

15863-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODI-TIES. CERTAIN SURFACTANTS IN PESTICIDE FORMULATIONS; EXTENSION OF TIME FOR FILING COMMENTS ON PROPOSAL TO EX-FROM REQUIREMENT TOLERANCES.

J K Kirk

Fed Regist 33(143):10528

24 Jul 1968 L1.451

Agricultural products, Agricultural regulation, Chemicals, Food plants, Formulations, Pesticide residues, Posticides, Raw materials, Surface-active agents.

15864-69

ALPHA, ALPHA, ALPHA-TRIFLUORO-2, 6-DINITRO-N,N-DIPROPYL-PTOLUIDINE. NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICAL.

Fed Regist 33(131):9788

06 Jul 1968 L1.451

Agricultural chemistry, Herbicides, Trifluralin.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODI-O.O-DIMETHYL S-(4-OXO-1,2,3-TIES. BENZOTRIAZIN-3(4H)-YLMETHYL) PHOSPHORODITIHOATE.

J K Kirk

Fed Regist 33(134):9953-9954

11 Jul 1968 L1,451

Agricultural products, Azinphosmethyl, Chemicals, Food, Grain, Insecticide residues, Meat, Milk, Pesticides, Plant biochemistry, Plant hardiness, Raw materials, Vegetables.

15866-69

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDE CHEMICALS.

J. K. Kirk

Fed Regist 33(155):11365

09 Aug 1968 L1.451

Agricultural regulation, Chromatography, Coumaphos, Eggs, Insecticide residues, ganophosphorus compounds, Toxicology.

NOTICE OF WITHDRAWAL OF PETITION RE-GARDING PESTICIDE CHEMICAL.

J K Kirk

Fed Regist 33(134):9968

11 Jul 1968 L1.451

Barban, Food, Grain, Herhicide residues.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES, MALATHION.

J K Kirk

Fed Regist 33(133):9880

10 Jul 1968 L1.451

Agricultural products, Chemicals, Grain, Insecticide residues, Malathion, Organophosphorus compounds, Pesticides, Sorghum,

15869-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODI-TIES, O-ODIETHYL O-3-CHLORO-4-METHYL-2-OXO-2H-I-BENZOPYRAN-7-YL PIIOSPHOROTHIOATE,

J K Kirk

Fed Regist 33(169):12187

29 Aug 1968 L1.451

Agricultural legislation, Agricultural products, Agricultural regulation, Coumaphos, Eggs, Insecticide residues, Meat, Milk, Organophosphorus compounds, Toxicology.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES, TRIFLURALIN,

J K Kirk

Fed Regist 33(146):10713

27 Jul 1968 L1.451

Agricultural legislation, Agricultural products, Agricultural regulation, Fruit, Herhicide residues, Nuts, Raw materials, Texicology, Trifluralin, Vegetables.

15871-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. STREPTOMYCIN.

H L Ley

Fed Regist 33(146):10714

27 Jul 1968 L1.451

Agricultural legislation, Agricultural products, Agricultural regulation, Apples, Fire blight, Pears, Pesticide residues, Raw materials, Streptomycin, Toxicology.

15872-69

PERSISTENCE AND EFFECTIVENESS OF THIONAZIN AGAINST POTATO APHILDS ON THREE SOILS IN SOUTHERN ENGLAND.

B F Pain R F Skrentny

J Sci Faod Agr 20(8):485-488 REF

Aug 1969 382 SO12

Aphididae, Insecticide residues, Myzus persicae, Soil analysis, Thionazin.

15873-69

PERSISTENCE OF bHC (HEXACHLORO-CYCLOHEXANE) ON TOMATO CROP (LYCOPERSICON ESCULENTUM MILL.).

R K Rajoo

Indian J Agr Sci 39(1):41-43

Jan 1969 22 AG831

Benzene hexachloride, Residues, Tomatoes.

TOXICOLOGY

15874-69

DETERMINATION OF AFLATOXINS IN FOOD BY ABSORPTION SPECTROMETRY.

C Agthe W Lijinsky D Oremus

Faad Casmet Toxical 6(5):627-631 REF

Dcc 1968 391.8 F73

Aflatoxin, Chromatography, Food analysis, Fungus diseases (plants), Plant physiology, Populus nigra, Spectrophotometry.

15875-69

TOXICITY OF INSECTICIDES AND FUMI-GANTS TO MAMMALS.

Anonymous

N C Pesticide Manual 00(00):5-8

1967 79.8 N81

Accidents, Fumigants, Insecticides, Mammals, Toxicology.

15876-69

SOME QUANTITATIVE ASPECTS OF THE PHYTOTOXICITY OF MONOTERPENES.

R O Asplund

Weed Sci 17(4):454-455

Oct 1969 79.8 W41

Chemical analysis, Chemical control (weeds), Oats, Phytotoxicity, Plant physiology, Quantitative analysis, Radishes, Terpenes, Wheat.

15877-69

DIETARY PROTEIN AND DDT TOXICITY.

E M Boyd C J Krijnen

Bull Environ Contamination Toxicol 4(5):256-261 REF

Oct 1969 RA1270.P35A1

Animal nutrition, Animal physiology, Chlorinated hydrocarbons, DDT, Insecticides, Proteins, Rats, Statistical analysis, Toxicology.

15878-69

THE HARM OF INSECTICIDES FOR NON-TARGET ORGANISMS. (RUS)

Priroda (Sofia) (1,JAN-FEB):54-55

Feb 1967 410 P934

Animals, DDT, Toxicology.

15879-69

INSECTICIDAL ACTIVITY OF PYRETHRINS AND RELATED COMPOUNDS. II. RELATIVE TOXICITY OF ESTERS FROM OPTICAL AND

GEOMETRICAL ISOMERS OF CHRYSANTHEMIC, PYRETHRIC AND RE-LATED ACIDS AND OPTICAL ISOMERS OF CINEROLONE AND ALLETHROLONE.

M Elliot P H Needham C Potter J Sci Food Agr 20(9):561-565 REF

Sep 1969 382 SO12

Acids, Allethrin, Dysdercus fasciatus, Esters, Insecticides, Musea domestica, Pyrethrum, Tenebrio molitor, Toxicology.

15880-69

TOLERANCE OF COTTON TO DIURON, FLUOMETURON, NOREA, AND PROMETRYNE.

Y Eshel

Weed Sci 17(4):492-496

Oct 1969 79.8 W41

Cotton, Dimethyl-3-(alpha,alpha,alpha-trifluoro-m-tolyl)urca, 1,1-, Diuron, Herbicides, Norea, Phytotoxicity, Prometryne.

15881-69

CHEMICALS FOR CONTROL OF PLANT DISEASES.

H R Garriss J C Wells

N C Pesticide Manual 00(00):15-17

1968 79.8 N81

Accident prevention, Field crops, Fruit, Fumigants, Insecticides, Lethal dose, Literature, Mammals, Surveys, Toxicology, Vegetables.

15882-69

PHYTOTOXICITY OF METHYL BROMIDE TO SOME PLANT HOSTS OF SAN JOSE SCALE.

K G Gostick

Plant Pathal 18(2):94-96

Jun 1969 464.8 P692

Apples, Chlorinated hydrocarbons, Currants, Fumigants, Methyl bromide, Pears, Phytotoxicity, Plums, Rosa, Temperature.

15883-69

EXPERIMENTAL STUDIES ON SULFADIMETHOXINE IN FOWLS. II. PLASMA CONCENTRATION IN HENS AND CHICKS GIVEN A DIET OR DRINKING WATER CONTAINING THE SULFA DRUG. (JA)

A Kasahara T Onodera Y Oshima

Jap J Vet Sci 29(5):227-231

Oct 1967 41.8 J27

Animal nutrition, Blood plasma, Chickens, Drug therapy, Feed additives, Poultry, Sulfadimethoxine, Sulfamerazine.

15884-69

WEED CONTROL.

W M Lewis A B Rogerson W A Skroch A D Worsham H D Coble

N C Pesticide Manual 00(00):23-38

1968 79.8 N81

Accident prevention, Chemical control (weeds), Herbicide application, Herbicides, Mammals, Nomenclature, Pesticide residues, Surveys, Toxicology, Weed control.

15885-69

PRELIMINARY NOTE ON THE ESTROGENIC EFFECTS OF ALDRIN ON THE UROGENITAL SYSTEM OF BIRDS. (FR)

Y Lutz-Ostertag H Lutz

Acad Sci Compt Rend Ser D 269(4, 2ND

SEMESTER):484-486

28 Jul 1969 505 P21

Aldrin, Birds, Chlorinated hydrocarbons, Embryology, Estrogens, Hormones, Urogenital system.

5886-69

DDT: INHIBITION OF AN ATP-ASE IN THE RAT BRAIN.

F Matsumura T A Bratkowski K C Patil Bull Environ Contamination Toxicol 4(5):262-270 REF

Oct 1969 RA1270.P35A1

Adenosine triphosphatase, Biochemistry, Brain, DDT, Electron microscopy, Inhibitors, Insecticides, Ions, Rats.

15887-69

EFFECTS OF HERBICIDES ON rNA AND PROTEIN SYNTHESES.

D E Moreland S S Malhotra R D Gruenhagen E H Shokraii

Weed Sci 17(4):556-563 REF

Oct 1969 79.8 W41

Corn, Dinosch, Herbicides, Ioxynil, Plant metabolism, Propanil, Proteins, Ribonucleic acid, Synthesis.

15888-69

STUDIES ON THE MECHANISMS OF THE MONOFLUOROACETANILIDES POISONING TO MAMMALS. VIII. ORGANOPHOSPHORUS COMPOUNDS AS A SPECIFIC INHIBITOR TO FLUOROACETANILIDE AMIDOHYDROLASE. T Nakamura T Ueda

Agr Biol Chem 31(11):1288-1293 REF

Nov 1967 385 AG8B

Acctanilide compounds, Chickens, Mammals, Organophosphorus compounds, Poisoning, Toxicology.

15889-69

ACUTE SUPERPHOSPIIATE POISONING OF CATTLE AND SHEEP. (RUS)

M D Rapeanu A Georgescu E Crainiceanu

Rev Zootech Med Vet 18(4):54-61

Apr 1968 49 P943

Anatomy, Cattle, Feed toxicity, Fertilizers, Poisoning, Sheep, Superphosphates, Veterinary medicine. French and English summary

PLANT PHYSIOLOGY & BIOCHEMISTRY

15890-69

DIFFERENTIAL SENSITIVITIES TO GAMMA RADIATION OF PHYLLOXERA GALL AND NORMAL GRAPE STEM CELLS IN TISSUE CULTURE.

H C Arya A C Hildebrandt

Can J Bot 47(10):1623-1628

Oct 1969 470 C16C

Gamma rays, Grapes, Phylloxera, Plant physiology, Tissue culture.

15891-69

CHYTIDS AND ALGAE. II. FACTORS IN-FLUENCING PARASITISM OF RHIZOPHYDI-UM SPIIAEROCARPUM ON SPIROGYRA.

J S Barr C J Hickman

Can J Bot 45(4):431-440 Apr 1967 470 C16C

Algac, Fungi, Parasitism, Plant physiology, Temperature

15892-69

DOUBLE AND MULTIPLE EARED WINTER RYE AS A RESULT OF ABNORMAL EFFECTS OF WEED CONTROLLERS CONTAINING CAL-CIUM CYANAMIDE. (GE

C Buhl

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):146-151

Mar 1968 464.8 Z3

Calcium cyanamide, Chemical control (weeds), Environment, Plant abnormalities, Plant morphology, Rye.

TESTS WITH THE REGULATOR CCC AS A MEANS OF EFFECTIVE UTILIZATION OF LARGE DOSES OF ARTIFICIAL NITROGEN FERTILIZER. (CZ)

F Duchon L Kopecky Praze Sh Vysoke Sk Zemed (SER A):157-166 REF 1966 \$13.P72

Chloroethyl)trimethylammonium chloride, (2-, Dosage, Fertilizers, Nitrogen, Plant physiology, Plant proteins, Plant regulators, Urea compounds, Wheat German and Russian summaries.

TEMPERATURE AND THE SYNTHESIS OF VIRAL PROTEIN MATERIAL IN NICOTIANA XANTHI N. C. INFECTED WITH TOBACCO MOSAIC. (FR

S Gianinazzi J-C Vallee

Acad Sci Compt Rend Ser D 269(5, 2ND

SEMESTER):593-595 04 Aug 1969 505 P21

Metabolism, Plant biochemistry, Temperature, Tobacco, Tobacco mosaic virus.

LIFE CYCLES OF FIELD PENNYCRESS IN THE SUBARCTIC AS INFLUENCED BY TIME OF SEED GERMINATION.

L J Klcbesadel

Weed Sci 17(4):563-566

Oct 1969 79.8 W41

Cruciferae, Seed germination.

PHYSIOLOGY OF THICK-WALLED SPORES OF SOIL-BORNE PLANT PATHOGENIC FUN-GI. I. RESPIRATION AND GERMINATION OF HELMINTHOSPORIUM SATIVUM AND H. PEDICELLATUM SPORES.

D.E. Mathre

Can J Bot 47(10):1513-1520 REF

Oct 1969 470 C16C

Fungus diseases (plants), Helminthosporium, Plant physiology, Soil microorganisms.

THE SIGNIFICANCE OF ALLELEOPATHY FOR THE SYNTHESIS OF VEGETATION. (GER)

C H Muller

Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(6):333-346 REF

Jun 1967 464.8 Z3

Adenostoma fasciculatum, Allelopathy, Artemisia californica, Plant ecology, Plant metabolism, Poisonous plants, Salvia leucophylla, Synthesis, Toxicology. English summary.

EFFECT OF THIOMETON ON THE CHEMICAL COMPOSITION AND THE GROWTH OF GROUNDNUT CROP.

K S Nandra S L Chopra

Indian J Agr Sci 39(3):266-270

Mar 1969 22 AG831

Carbohydrates, Crop yields, Fats, Peanuts, Phosphorodithioates, Plant physiology, Proteins.

FACTORS AFFECTING GROWTH OF ROOTED AQUATICS IN A RIVER.

W H Peltier E B Welch

Weed Sci 17(4):412-416

Oct 1969 79.8 W41

Aquatic plants, Plant nutrition, Plant physiology, Sediments, Water analysis, Waterways.

THE ROLE OF GIBBERELLINS PHYTOCHROME MEDIATED RESPONSES. D M Reid J B Clements M K Garrett D J Carr

Int Congress Photobiol Abs 5:156

1968 QH651.15

Barley, Biosynthesis, Chromoproteins, Gibbercllins, Inhibitors, Leaves, Light, Plant biochemistry, Proteins, Ribonucleic acid.

MODIFICATION OF NUCLEAR STRUCTURE IN TOBACCO, NICOTIANA TABACUNI VAR. SAMSUN, INFECTED AT 32 DEGREES C BY TOBACCO MOSAIC VIRUS. (FR)

R Scalla C Martin R Meignoz B Lhoste Acad Sci Compt Rend Ser D 269(5, 2ND SEMESTER):586-588

04 Aug 1969 505 P21

Cell nucleus, Electron microscopy, Nucleic acids, Tobacco mosaic virus.

15902-69

DORMANCY OF WILD OAT SEED PRODUCED UNDER VARIOUS TEMPERATURE AND MOISTURE CONDITIONS.

J J Sexsmith

Weed Sci 17(4):405-407

Oct 1969 79.8 W41

Avena fatua, Humidity, Plant physiology, Seeds, Temperature.

PHOTOINHIBITION OF AUXIN AND ITS BEARING ON PHOTOTROPISM.

J Shen-Miller P Cooper S A Gordon Int Congress Photobiol Abs 5:136

1968 QH651.15

Indoleacetic acid, Inhibitors, Light, Oats, Phototropism, Plant biochemistry, Plant hormones, Plant translocation, Spectrochemistry.

NUCLEI IN HAUSTORIA OF PHYTOPHTHORA INFESTANS.

B Sivak M Shaw

Can J Bot 47(10):1585-1587 REF

Oct 1969 470 C16C

Cell nucleus, Cytology, Electron microscopy, Phytophthora infestans, Plant physiology.

EFFECTS OF GROWTH REGULATORS ON EAR DENSITY MUTANTS IN BARLEY.

V Stoy A Hagberg

Hereditas 58(3):359-384 REF

1967 442.8 H42

Barley, Cytogenetics, Density, Genes, Gibberellic acid, Plant mutation, Plant physiology, Plant regulators.

15906-69

ISOLATION AND STRUCTURAL ELUCIDA-TION OF FRAGIN, A NEW PLANT GROWTH INHIBITOR PRODUCED BY A PSEU-DOMONAS.

S Tamura A Murayama K Hata Agr Biol Chem 31(6):758-759

Jun 1967 385 AG8B

Bacteria, Fragin, Plant growth inhibitors, Plant physiology, Pseudomonas

QUALITATIVE DEVELOPMENT OF CERTAIN PHENOLIC SUBSTANCES DURING A
DECREASE IN THE PHENOMENON OF
HYPERSENSITIVITY TO TOBACCO MOSAIC VIRUS IN NICOTIANA XANTHI N. C. (FR)

J Tanguy M Gallet

Acad Sci Compt Rend Ser D 269(5, 2ND SEMESTER):589-592

04 Aug 1969 505 P21

Hypersensitivity, Phenols, Tobacco, Tobacco mosaic virus.

15908-69

INFLUENCE OF SOME HERBICIDES ON THE TUBER FORMATION IN GARDEN PEAS. (RUS) B V Vclev

Priroda (Sofia) (3,MAY-JUN):74-75

Jun 1967 410 P934

Herbicides, Peas, Plant physiology, Tubers.

CHEMISTRY

15909-69

AUTOMATION OF PESTICIDE ANALYSIS.

H G Applecate G Chittwood

Bull Environ Contamination Toxicol 3(4):211-226 Jul 1968 RA1270.P35A1

Automation, Chromatography, Equipment, Injections, Pesticides, Quantitative analysis, Research.

15910-69

ENDRIN DECOMPOSITION ON AIR-DRIED SOILS.

R I Asai W E Westlake F A Gunther

Bull Environ Contamination Toxicol 4(5):278-284 Oct 1969 RA1270.P35A1

Air flow, Chlorinated hydrocarbons, Chromatography, Degradation, Drying, Endrin, Soils.

HYDROGEN BONDING OF DALAPON.

T R Kemp L P Stoltz J W Herron W T Smith

Weed Sci 17(4):444-446

Oct 1969 79.8 W41

Chemical analysis, Chemical structure, Dalapon, Herbicides, Hydrogen, Infrared spectra, Proteins.

THE METHOD FOR THE INITIBITION OF CHOLINESTERASES AS APPLIED TO THE DETERMINATION OF AGRICULTURAL PESTICIDE RESIDUES. (FR

P H Martens

Bull Recher Agron Gembloux (N s)2(3):520-535

1967 S5.B8

Carbamates, Cholinesterases, Insecticides. Methodology, Organophosphorus compounds, Pesticide residues. 20 pesticides were tested.

IMPROVED EXTRACTION PROCEDURE FOR 2,3,5-TRIIODOBENZOIC ACID FROM MILK AND MILK PRODUCTS.

C E McGce G S Born J E Christian B J Liska Bull Environ Contamination Toxicol 4(5):306-310 Oct 1969 RA1270.P35A1

Chromatography, Dairy products, Extraction techniques, Milk, Triiodobenzoic acid, 2,3,5-.

ISOLATION AND IDENTIFICATION OF THE COMPONENTS OF A COMMERCIAL CHLORDANE FORMULATION.

J G Saha Y W Lee

Bull Environ Contamination Toxicol 4(5):285-296 Oct 1969 RA1270.P35A1

Chemical analysis, Chlordane, Chlorinated hydrocarbons, Chromatography, Insecticides, Mass spectra.

15915-69

RAPID MICRODETECTION OF ORGANOCHLORINE PESTICIDES IN SUBMILLIGRAM FISH TISSUE SAMPLES.

D B Seba C E Lane

Bull Environ Contamination Toxicol 4(5):297-305 Oct 1969 RA1270.P35A1

Chemical analysis, Chlorinated hydrocarbons, Chromatography, Electron capture, Fish, Pesticides.

15916-69

THE TAS-METHOD FOR RAPID SEPARATION OF PESTICIDES AND PRESERVATIVES. (GER) E Stahl

Z Lebensmittel-untersuchung -forsch 140(6):321-329 REF

Oct 1969 384 Z39

Benzene hexachloride, Chemical analysis, DDT, Methodology, Pesticides, Pyrethrum, Tempera-

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15917-69

EQUIPMENT FOR AERATED STEAM TREAT-MENT OF SMALL QUANTITIES OF SOIL AND SOIL MIXES.

R A Aldrich P E Nelson

Plant Dis Rep 53(10):784-788

1.9 P69P

Agriculture, Cultural control (plant diseases), Dairy equipment, Soil treatment, Steam, Tempera-

SELF-PROPELLED COMBINE FOR HARVEST-ING RESEARCH PLOTS.

O C Burnside

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15919-69

BIBLIOGRAPHY

Weed Sci 17(4):479-480

Oct 1969 79.8 W41 Grain, Harvesting, Sorghum, Soybeans.

15919-69

USE OF THE TORPIL ORANVER GRANULE APPLICATOR FOR PLACEMENT OF GRANU-LAR INSECTICIDES IN COCONUT LEAF AX-

D W Fenwick

Agr Soc Trinidad Tobago J 69(1):582-586

Mar 1969 8 T73

Chemical control (insects), Coconuts, Granular insecticides, Insecticide application.

15920-69

NEW IDEAS ON THE CONSTRUCTION OF CROP DUSTERS. (GE)

F Flehr

Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):194-195

Jan 1969 410,9 G31M

Aircraft, Dusting equipment. English abstract

15921-69

SPRAYER CALIBRATION AND NOZZLE SELECTION CHARTS.

J.W. Glover

N C Pesticide Manual 00(00):156-158

1968 79.8 N81

Engineering, Nozzles, Spraying equipment.

15922-69

SELECTION, ADJUSTMENT, AND CARE OF SPRAYING AND DUSTING EQUIPMENT.

J.W. Glover

N C Pesticide Manual 00(00):149-155

1968 79.8 N81

Dusting, Maintenance, Spraying.

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15923-69

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H W Hays

Fed Regist 33(144):10561

25 Jul 1968 L1.451

Agricultural regulation, Arsenic compounds, Arsenic trioxide, Herbicides, Pesticides, Poisons, Rodenticides, Sodium arsenite.

DOMESTIC QUARANTINE NOTICES. WHITE-FRINGED BEETLE.

G W Irving

Fed Regist 33(186,PT.1):14355-14358

24 Sep 1968 L1.451

Agricultural legislation, Agricultural regulation, Graphognathus, Plant quarantine.

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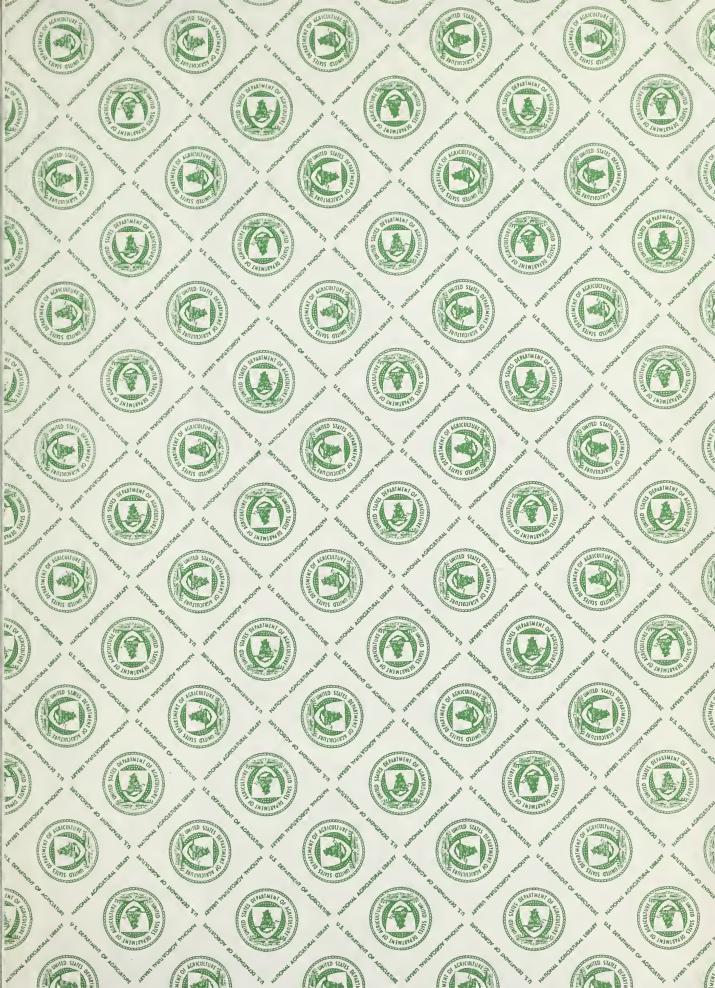
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