CROPU (Derwent Crop Protection File)

Subject Coverage

All aspects of pesticides:

- Analysis
- Biochemistry
- Biological pest control
- Chemistry
- Fungicides
- Herbicides
- Insecticides
- Molluscides
- Rodenticides
- Toxicology

File Type

Bibliographic

Features

Thesaurus	None		
Alerts (SDIs)	Not available		
CAS Registry Number® Identifiers	☐		
Keep & Share	☑	SLART	☐
Learning Database	☐	Structures	☐

Record Content

- Bibliographic data, abstracts, and indexing

File Size

- 197,564 records

Coverage

1985-2003

Updates

Closed file

Language

English

Database Producer

Clarivate
Friars House, 160 Black Friars Rd.
London SE1 8EZ
United Kingdom

Sources	• 1,100 scientific journals and conference proceedings • Patents (from 1996 onwards)
User Aids	• Online Helps (HELP DIRECTORY lists all help messages available) • STNGUIDE
Cluster	• AGRICULTURE • ALLBIB • AUTHORS • BIOSCIENCE • CORPSOURCE • ENVIRONMENT • FORMULATIONS • HPATENTS • PATENTS STN Database Cluster information
Related Databases	CROPB (covers 1968-1984) CROPR

Search and Display Field Codes

There are no fields that allow left truncation in this file.

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from title (TI), controlled terms (CT), abstract (AB), extension abstract (ABEX), and Enzyme Commission Numbers (EC) fields)	None or /BI	S BIOLOGICAL CONTROL(L)LARVA# S EC-2.3.1.6	TI, AB, ABEX, CT
Accession Number	/AN	S 93-81254/AN	AN
Application Date **(1)**	/AD	S JULY 1994/AD	AI
Application Number **(2)**	/AP (or /APPS)	S US92-826925/AP S 92US---826925/AP	AI
Application Year **(1)**	/AY	S 1994/AY	AI
Author (includes inventor)	/AU	S PURCELL M/AU S JOHNSON M W/AU	AU
Availability of Document (Reprint Address) **(3)**	/AV	S TROPICAL FRUIT LABOR?/AV	AV
Controlled Term (limited by roles) **(4,5)**	/CT	S LEPIDOPTERA/CT S HELIOTHIS *TR/CT	CT
Corporate Source **(3)**	/CS	S CIBA-GEIGY/CS	CS
Derwent Crop Registry Name (link to file CROPR) **(6)**	/DCRN	S MACROCALB/DCRN	CT
Document Type (code and text)	/DT (or /TC)	S JOURNAL/DT S J/DT	DT
Entry Date **(1)**	/ED (or /UP)	S L4 AND ED>JAN 1995	not displayed
Enzyme Commission Number	/EC	S EC-2.3.1.6/EC	CT
Field Availability	/FA	S L7 AND AB/FA	FA
International Standard (Document) Number (CODEN)	/ISN	S EVETBX/ISN	SO
Inventor	/IN	S KARR L L/IN	IN
Journal Title	/JT	S PESTIC SCI/JT	SO
Language (ISO code and text)	/LA	S DE/LA S GERMAN/LA AND L10	LA
Location **(3)**	/LO	S GREENSBORO USA/LO	LO
Multipunch Code (limited by roles) **(7)**	/MPC	S 025 132 333/MPC S 025 *PI 132 *PI 333 *PI/MPC	MPC
Other Source (WPI accession number)	/OS	S 96-016890/OS	OS
Patent Assignee **(3)**	/PA (or /CS)	S BATELLE?/PA	PA
Patent Country (WIPO code and text)	/PC (or /PCS)	S US/PC S UNITED STATES/PC	PI
Patent Number **(2)**	/PN (or /PATS)	S US5484589/PN	PI
Publication Date **(1)**	/PD	S 19960118/PD	PI
Publication Year **(1)**	/PY	S 1985-1987/PY	SO
Source (contains journal title, CODEN, collation, reprint address)	/SO	S WEED SCI/SO S PESTIC SCI/SO(L)20 NO 1/SO S PSSCBG/SO	SO
Subject Heading (Thematic Groups) (code and text)	/SH	S WEED CONTROL/SH S H/SH	SH
Title	/TI	S TRAP CROP/TI	TI

General Search Fields (cont'd)

(1) Numeric search field that may be searched using numeric operators or ranges.
(2) Numbers are searchable in Derwent and STN format.
(3) Search with implied (S) proximity is available in this field.
(4) There are 9 roles available in field /CT to limit a search to a particular aspect of a pesticide or pest control: DM Degradation and Metabolism, FT Free Term (assigned when no other role assigned), IN Interaction, OC Other Context, RC Reference Compound, RN Registry Name, SE Side Effect, ST Toxicity, TR Treatment.
(5) Controlled terms concerning the same compound in a record are linked by (L) proximity.
(6) For file crossover to file CROPR, SELECT DCRN and search the resulting E-number(s) in CROPR.
(7) Search with implied (L) proximity is available in this field. Multipunch codes concerning the same compound in a record are linked by (L) proximity. There are 4 roles to limit the search for codes: G General Chemical Codes, P Peptide Codes, PI Physical an Inorganic Codes, S Steroid Codes.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI CS. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB	Abstract	D TI AB 1-4
ABEX	Abstract Extension	D ABEX
AI (AP, APPS) **(1)**	Application Information	D AI 1-5
AN	Accession Number	DIS AN
AU	Author	D AU TI 1-10
AV	Availability of Document (Reprint Address)	D TI AV 1-5
CS	Corporate Source	D CS
CT	Controlled Term (incl. Enzyme Com. Nos.)	D CT
DCRN	Derwent Crop Registry Name	D DCRN
DT (TC)	Document Type	D DT LA
EC	Enzyme Commission Number	D EC
FA	Field Availability	D AN FA
IN (AU)	Inventor	D IN PA
ISN **(2)**	International Standard (Document) Number	D JT ISN
JT **(2)**	Journal Title	D JT
LA	Language	D LA
LO	Location	D CS LO
MPC	Multipunch Code	D MPC
OS	Other Source (DWPI accession number)	D OS
PA (CS)	Patent Assignee	D PA PI 5
PI (PN, PATS) **(1)**	Patent Information	D PI
SO	Source	D L5 SO
TI	Title	D TI 5
ABS	AN, AB, ABEX	D ABS
ALL **(1)**	AN, TI, AU, IN, CS, PA, LO, SO, AV, LA, PI, AI, DT, AB, SH, CT, FA	D ALL
IALL **(1)**	ALL, indented with text labels	D IALL
BIB **(1)**	AN, TI, AU, IN, CS, PA, LO, SO, AV, LA, PI, AI, DT, FA (default)	D BIB
CBIB **(1)**	AN, TI, AU, IN, CS, PA, LO, SO, AV, LA, PI, AI, DT (compressed bibliography)	D CBIB
IBIB **(1)**	BIB, indented with text labels	D IBIB
IND	AN, SH, CT, MPC	D IND
MAX **(1)**	AN, TI, AU, IN, CS, PA, LO, SO, AV, LA, PI, AI, DT, AB, ABEX, SH, CT, MPC, FA	D MAX
TRIAL (TRI, SAM, SAMPLE)	AN, TI, CT	D TRIAL

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
HIT	Hit term(s) and field(s)	D HIT
KWIC	Hit term(s) plus 20 words before and after hit term(s) (KeyWord-In-Context)	D KWIC
OCC	Number of occurrences of hit term(s) and field(s) in which they occur	D OCC

(1) By default, patent numbers, application and priority numbers are displayed in STN format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN format, enter SET PATENT STN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y **(2)**	N
Abstract Extension	ABEX	Y **(2)**	N
Accession Number	AN	Y	N
Application Country	AC	Y	Y
Application Date	AD	Y	Y
Application Information	AI (AP, APPS)	Y **(3)**	Y
Author	AU (IN)	Y	Y
Availability of Document	AV	Y	Y
CODEN	CODEN	N	Y
Controlled Term	CT	Y	N
Corporate Source	CS (PA)	Y	Y
Derwent Crop Registry Name	DCRN	Y	N
Document Type	DT	Y	Y
Enzyme Commission Number	EC	Y	Y
Field Availability	FA	Y	Y
International Standard (Document) Number	ISN	Y	N
Inventor	IN (AU)	Y	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Location	LO	Y	Y
Multipunch Code	MPC	Y	N
Occurrence Count of Hit Terms	OCC	N	Y
Other Source (WPI accession number)	OS	Y	Y
Patent Assignee	PA (CS)	Y	Y
Patent Country	PC (PCS)	Y	Y
Patent Information	PI (PN, PATS)	Y **(3)**	Y
Publication Date	PD	Y	Y
Source	SO	Y	N
Subject Heading	SH	Y	Y
Title	TI	Y (default)	Y

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
(2) Appends /BI to the terms created by SELECT.
(3) SELECTed and SORTed application and patent numbers are in the format set by the Messenger SET PATENT command, either DERWENT or STN.

Sample Records

DISPLAY IALL

ACCESSION NUMBER: 1993-81254 CROPU Q
TITLE: Biological Control of Helicoverpa zea (Lepidoptera: Noctuidae) with Steinernema carpocapsae (Rhabditida: Steinernematidae) in Corn Used as a Trap Crop.
AUTHOR: Purcell M; Johnson M W; Lebeck L M; Hara A H
LOCATION: Honolulu, Hawaii, U.S.A.
SOURCE: Environ.Entomol. (21, Number 6, 1441-47, 1992) 4 Fig. 3 Tab. 16
Reference
CODEN: EVETBX
AVAIL. OF DOC.: USDA-ARS Tropical Fruit and Vegetable Laboratory, P.O. Box 1330, Kapaa, Kauai, HI 96746, U.S.A.
DOCUMENT TYPE: Journal
LANGUAGE: English

ABSTRACT:

Effects of corn borders, grown as a trap crop for Bactrocera cucurbitae, on Heliothis zea in tomato were studied, with and without Steinernema (Neoaplectana) carpocapsae (Sc). When Sc was applied directly into the corn ear, at 0, 400, 4000 or 40000 IJ/ml water, applied at 10 ml/ear, in the 2nd wk of silking, when H. zea were present in 60-70% of ears, larval mortality was significantly higher with 4000 or 40000 IJ/ml than with 400 IJ/ml. In corn borders around tomatoes, plants treated with Sc had 15 times fewer surviving larvae and 97% less damage than untreated ears. Larval populations and mean larval damage were significantly higher in untreated ears, and marketable yield of tomatoes in adjacent plots was 18% lower. Tomato plots without corn borders consistently yielded higher than those with borders.

ABSTRACT EXTENSION:

In initial tests, on corn grown next to cucumber, application of 400, 4000 and 40000 IJ/ml Sc caused 37.3 +/- 1.8, 57.6 +/- 5.4 and 74.5 +/- 17.4% mortality of H. zea larvae, respectively, within 6 d of application, compared to 7.0 +/- 7.0% mortality in untreated controls. In corn borders around tomatoes, mean number of living larvae in Sc-treated corn was 0.03 +/- 0.02/ear, compared to 0.45 +/- 0.06/ear in untreated corn, and mean feeding damage was 3.8 +/- 0.25 and 0.16 +/-0.02 cm, respectively.

SUBJECT HEADING: Q Chemosterilants

CONTROLLED TERM:
[01] NEOAPLECTANA-CARPOCAPSAE *TR; MAIZE *TR; CEREAL *TR; CROP *TR; HELIOTHIS *TR; NOCTUIDAE *TR; LEPIDOPTERA *TR; ZEA *TR; TOMATO *OC; VEGETABLE *OC; CROP *OC; BACTROCERA *OC; CUCURBITAE *OC; BIOINSECTICIDE *FT; DOSAGE *FT; APPL.TIME *FT; CROP-GROWTH-STAGE *FT; LARVA *FT; DAMAGE *FT; YIELD *FT; PLANT-PART *FT; EAR *FT; TRAP-CROP *FT; BORDER *FT; FIELD *FT; HAWAII *FT; BIOL.CONTROL-AGENT *FT; CULTURAL-PRACTICE *FT; AREA-OCEANIA *FT; BIOL.CONTROL-AGENTS *FT; BIOINSECTICIDES *FT; STEINERMATIDAE *FT; NEMATODA *FT; NEOAPLCAR *RN; TR *FT
FIELD AVAIL.: AB; LA; CT

DISPLAY BIB

AN 1992-84438 CROPU G H
TI Primisulfuron plus Primary Linear Alcohol Ethoxylates for Johnsongrass (Sorghum halepense (L.) Pers.), Shattercane (Sorghum bicolor (L.) Moench) and Quackgrass (Elytrigia repens (L.) Nevski) Control.
AU McGiness C L; Porpiglia P J; Gillespie G R
CS CIBA-Geigy
LO Greensboro, N.C., USA
SO Abstr.Meet.Weed Sci.Soc.Am. (32, 13, 1992)
AV CIBA-Geigy Corp., Greensboro, N.C., USA.
DT Conference
LA English
FA LA; CT; MPC