

- Longitudinal study of pesticide exposure in outdoor farming - Calvados

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General

Identification

Detailed name Longitudinal study of pesticide exposure in outdoor farming - Calvados

General Aspects

Medical area Cancer research
Hematology
Neurology

Health determinants Climate
Lifestyle and behavior
Occupation
Pollution

Keywords outdoor farming, wheat, barley, herbicide, isoproturon, plantation, Pesticides

Scientific investigator(s) (Contact)

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Organization Université de Caen Basse-Normandie

Collaborations

Funding

Funding status Mixed

Details - Ligue Nationale Contre le Cancer - Anses -

Association pour la Recherche sur le Cancer -
Conseil Général du Calvados - Union des Industries
pour la Protection des Plantes - AGRIAL Agricultural
Cooperative

Governance of the database

Sponsor(s) or organisation(s)
responsible Université de Caen

Organisation status Public

Additional contact

Main features

Type of database

Type of database Study databases

Study databases (details) Longitudinal study (except cohorts)

Additional information regarding
sample selection. Selected subjects should:
- treat their fields with isoproturon (herbicide)

Database objective

Main objective To demonstrate the contamination of farmers who
are exposed to pesticides while treating their
outdoor agriculture.
To determine the link between pesticide exposure
for a farmer and the probability of developing
cancer.

Inclusion criteria

- male
- farmer
- using pesticides on crops

Population type

Age Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered General population

Pathology

Gender Male

Geography area Departmental

French regions covered by the Normandie

database

Detail of the geography area Calvados

Data collection

Dates

Date of first collection (YYYY or MM/YYYY) 2001

Date of last collection (YYYY or MM/YYYY) 2002

Size of the database

Size of the database (number of individuals) < 500 individuals

Details of the number of individuals 39

Data

Database activity Data collection completed

Type of data collected Declarative data
Biological data

Declarative data (detail) Paper self-questionnaire

Details of collected declarative data Questionnaire on the method of pesticide application.

Biological data (detail) Skin exposure to pesticides

Presence of a biobank No

Health parameters studied Others

Other (detail) Skin exposure to pesticides

Procedures

Participant monitoring Yes

Monitoring procedures Monitoring by convocation of the participant

Details on monitoring of participants Monitoring for 47 days

Links to administrative sources No

Promotion and access

Promotion

Link to the document

<http://annhyg.oxfordjournals.org/content/53/1/69.long>

Access

Terms of data access (charter for data provision, format of data, availability delay)

Contact the scientist in charge

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only