

# - Longitudinal study of pesticide exposure in outdoor farming - Calvados

Head :Lebailly Pierre, Groupe Régional d'Études sur le Cancer

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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)

Name of the director Lebailly  
Surname Pierre  
Address 14076 Caen Cedex 5  
Phone +33 02 31 45 51 23  
Email p.lebailly@baclesse.fr  
Unit Groupe Régional d'Études sur le Cancer  
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

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## 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
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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