

# - 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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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
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## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)	2001
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Date of last collection (YYYY or MM/YYYY)	2002
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### Size of the database

Size of the database (number of individuals)	< 500 individuals
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Details of the number of individuals	39
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### Data

Database activity	Data collection completed
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Type of data collected	Declarative data Biological data
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Declarative data (detail)	Paper self-questionnaire
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Details of collected declarative data	Questionnaire on the method of pesticide application.
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Biological data (detail)	Skin exposure to pesticides
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Presence of a biobank	No
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Health parameters studied	Others
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Other (detail)	Skin exposure to pesticides
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### Procedures

Participant monitoring	Yes
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Monitoring procedures	Monitoring by convocation of the participant
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Details on monitoring of participants	Monitoring for 47 days
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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

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only