The impact of harmful pesticides on people's health and the environment

Pollution, including from pesticides and chemicals, causes at least 9 million premature deaths every year worldwide. Banning harmful pesticides in the EU can reduce this toll.

WHERE ARE HARMFUL PESTICIDES FOUND?

1. In the environment (soil, surface and groundwater)
2. In food, air and drinking water
3. In our bodies

WHO IS MOST AT RISK?

- Residents of agricultural zones
- Farmers, agricultural and park maintenance workers and private users
- Visitors of public spaces treated with pesticides
- Pregnant people, newborn babies and children

HOW CAN EXPOSURE HARM PEOPLE'S HEALTH?

**Adults**
- Cancers (including non-Hodgkin lymphoma and prostate cancer)
- Neurodegenerative diseases (including Parkinson’s)
- Cognitive impairment
- Respiratory health disorders
- Endocrine disruption
- Reproductive disorders

**Children**
- Leukaemia
- Tumours on the nervous system
- Neurodevelopmental disorders
- Behavioral disorders

ALTERNATIVE METHODS TO PESTICIDE USE ARE AVAILABLE

To protect people’s health and the environment, policy makers need to implement the EU Farm to Fork strategy and phase out synthetic pesticides by 2035.

HEAL gratefully acknowledges the financial support of the European Union (EU) and the Oak Foundation. The responsibility for the content lies with the authors and the views expressed in this publication do not necessarily reflect the views of the EU institutions and funders. The European Climate, Infrastructure and Environment Executive Agency (CINEA) and the funders are not responsible for any use that may be made of the information contained in this publication. HEAL EU Transparency register number: 00723343929-96