

Protecting People and Planet from Pesticides



Who are PAN UK?

- Pesticide-Free Towns Campaign
- Bees and Pesticides
- Our Toxic Future
- Glyphosate
- Food Residues





Pesticide Action Network UK (PAN UK)

- **Operating globally for over 30 years**
- **The only UK charity focussed on all global pesticide issues**
- **Helped to eliminate some of the most hazardous pesticides used globally**
- **Trained 5000+ African farmers to switch to growing organic cotton**
- **Working with Latin American coffee growers to switch away from endosulfan**
- **Historically worked to eradicate stockpiles of pesticides in Africa**
- **Currently working in former Soviet Republics on safe use of pesticides**



What are pesticides?

- Pesticides are poisons designed to kill living organisms
- Insecticides, herbicides, fungicides, molluscicides etc.
- Used everywhere, not just in agriculture
- Don't just limit themselves to target organisms



What do pesticides do?

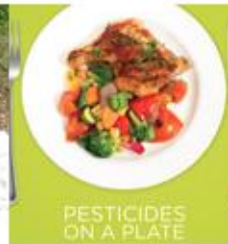
- 50% of farmland bird species
- 75% decrease in insect abundance
- Huge impacts on honey and wild bees
- 97% decrease in hedgehog numbers since 1950'S – 50% decrease in rural hedgehogs since 2000
- 95% of wildflower meadows lost
- Bats, toads, frogs, voles etc etc



Pesticide use in our towns

- Every year hundreds of tonnes of toxic pesticides are used in UK towns
- The most commonly used are glyphosate and 2,4-D, both probable human carcinogens
- There is no reason to use pesticides in our towns
- The only thing we grow in our towns and cities is our children





Promoting safe and sustainable alternatives to hazardous pesticides

Active Substance	Use	Acutely Toxic	Carcinogen	Cholinesterase Inhibitor	Developmental or Reproductive Toxin	Endocrine Disruptor
Glyphosate	Herbicide		Probable			
MCPA	Herbicide	Yes	Possible			
2,4-D	Herbicide		Probable			
MCPP	Herbicide		Possible			
Carbendazim	Fungicide		Possible			Suspected
Dicamba	Herbicide				Yes	
2,4-DP	Herbicide		Possible			
Iprodione	Fungicide		Yes			Suspected
Chlopyrifos	Insecticide	Moderate		Yes		Suspected
Tebuconazole	Fungicide	Moderate	Possible			Suspected
Cypermethrin	Insecticide		Possible			Suspected
Chlorothalonil	Fungicide		Yes			
Dichlorprop	Herbicide		Yes			
Propiconazole	Fungicide	Moderate	Possible		Yes	Suspected
Metaldehyde	Molluscicide	Moderate	Possible			



Pesticide Free London Election Results

- 139 of our pledgers elected
- Elected to 16 of London's 32 councils
- All of the councillors pledged on both Richmond and Lambeth Councils



Glyphosate



- The most widely used herbicide in the world
- A probable human carcinogen
- Linked to many other health and environmental problems
- Possibility of an EU ban
- GMB Union has called for a ban to protect its members and the public
- California judgement

This is not a huge ask!

There are alternatives available
There are towns and cities already pesticide free





The Benefits

The environment: reduced pollution (air, ground and water). Herbicide use in urban areas, and more specifically on impermeable surfaces, is actually a major source of water pollution, which generates significant costs for local authorities.

Biodiversity: pollinating insects and other beneficial insects, soil micro-organisms, birds, amphibians, pets and so on.

Citizens: protection for the most vulnerable groups, quality of life for residents and those entering the city and its green areas.

Staff: in parks and public spaces: short- and long-term health consequences from occupational exposure.



The Benefits

Getting ahead of the game – you can pre-empt any changes in pesticide regulations

Reducing your costs – long term adoption of pesticide free techniques has shown cost savings in the long term

As a selling point to the public – the public are keen to see pesticide reductions

As a criteria for Cemetery of the Year?



Going Forward Together

- What are you already doing to reduce pesticide use?
- Can we share your story?
- What help do you need to reduce pesticide use?
- What obstacles are you facing?
- Let's talk – to each other – to PAN UK – to others in similar sectors



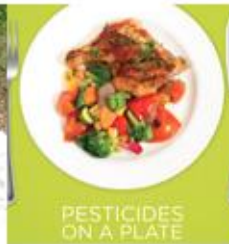
What PAN UK Can Offer

- Guide for Local Authorities
- Case studies and other freely available information on our website
<http://www.pan-uk.org/pesticide-free-workshop-resources/> and PAN Europe
<http://www.pesticide-free-towns.info/methods-techniques>
- Assistance in public communication
- Putting you in contact with suppliers of alternatives
- Putting you in touch with others working towards pesticide free
- PAN UK Pesticide free workshop – March 2019



"It is ironic to think that man might determine his own future by something so seemingly trivial as the choice of an insect spray."

Silent Spring – Rachel Carson



Promoting safe and sustainable
alternatives to hazardous pesticides

www.pan-uk.org

- Visit us on Facebook www.facebook.com/PesticideActionNetworkUK/
- Or drop PAN UK an email – pesticide-free@pan-uk.org

Thank You