## Vocabulary

- contamination загрязнение
- inorganic неорганический
- fertilizers удобрения
- nitrogen нитраты
- phosphorus фосфаты
- penetrate проникать
- aplenty изобилующий
- to pose представлять
- migraine мигрень
- nausea тошнота
- fatigue усталось

- susceptible подвереженный
- pollutants загрязняющие вещества
- inhaling вдыхание
- threat угроза
- irrigation орошение
- detrimental вредный
- nutrients питательные вещества
- pesticides пестициды
- flee away бежать прочь
- forestation защита леса

# **Soil Pollution**



Presentation

#### What is it?

 Soil pollution is caused by the presence of human-made chemicals in the natural soil environment.



 Dumps, created by the people, – one of the reasons of soil pollution

### Reasons for soil pollution in Great Britain

Main reasons come from



- Discharges from factories usually consist of a series of inorganic wastes, which they usually throw to soil
- Industrialisation contributed increasing the number of factories have increased, and to the wastes from them increased too.

#### **Human activity**

 Farmers in Great Britain every year apply to the soil more the 2 million tones of fertilizers, and big part of them gets into soil.



## Soil pollution in Russia

- Contamination of soil occurs in almost all kinds of human activities.
- A considerable contribution to soil pollution is made by technological wastes
- Dumps in forests is a common feature for Russia



#### **How does it affect humans?**

 There are many diseases those are contracted by the people living near polluted lands



- The contact with the polluted soil can be either direct or indirect
- Soil pollution for kids always involves higher risks than for adults

#### How does it affect wildlife?

- The wastes from industries are proving greater threat to the land and water.
- Pollution is one of the reasons of the decreasing of soil's fertility
- The pesticides and fertilizers cause much harm to the birds and animals



## The solutions to the problem



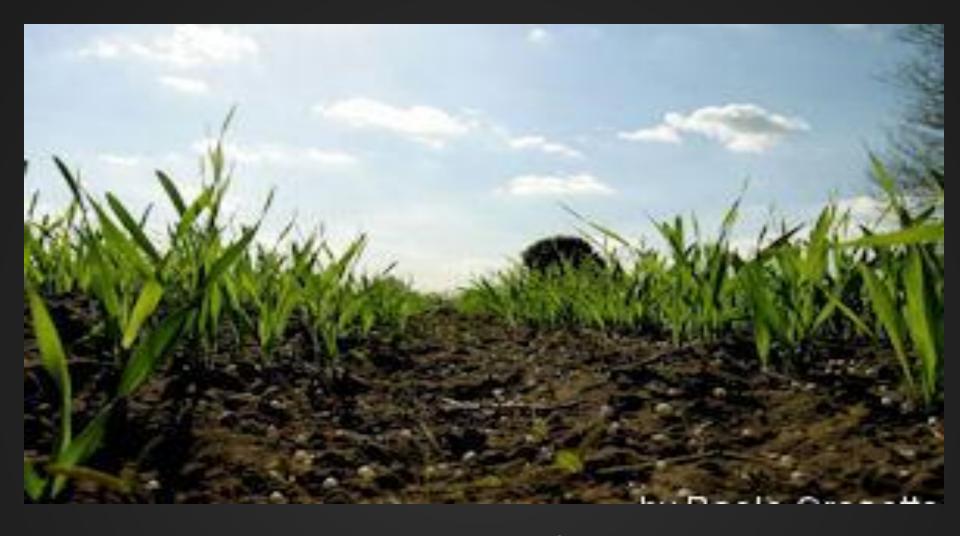
- Checking the state of the soil regularly
- Reducing the releases of factories
- Using environmental friendly materials in industry
- Cleaning up the polluted soil
- Controlling people actions and forbidding them to pollute soil
- Observing the waste hierarchy

### Observing the waste hierarchy

The waste hierarchy refers to the three Rs:



- Reduce to buy less and use less
- Reuse using some elements again
- Recycle converting old products into new



Controlling soil state is one of the most important steps to start living in the clean, healthy and beautiful world