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



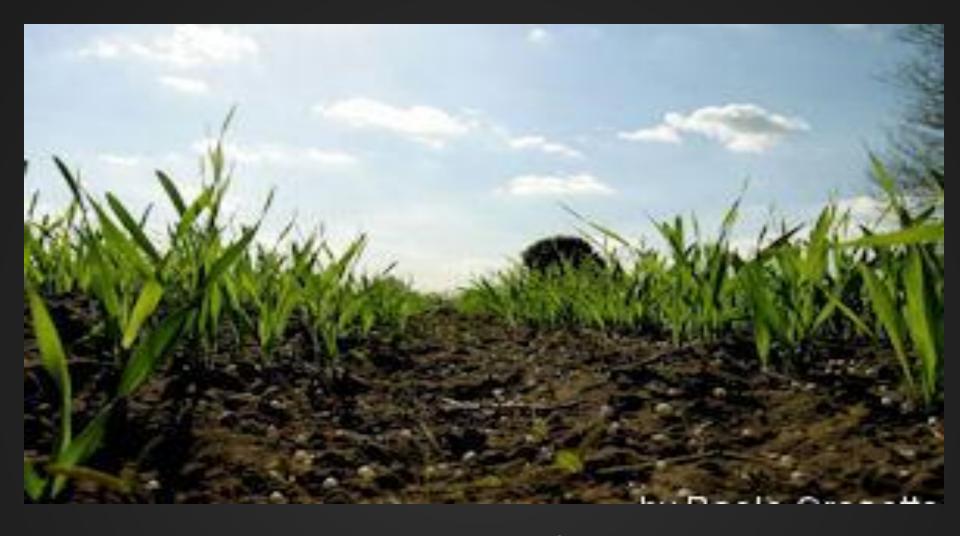
- Checking the state of the soil regularly
- Reducing the releases of factories
- Using environmental friendly materials in industry
- Cleaning up the polluted soil
- Controlling people actions and forbidding them to pollute soil
- Observing the waste hierarchy

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