

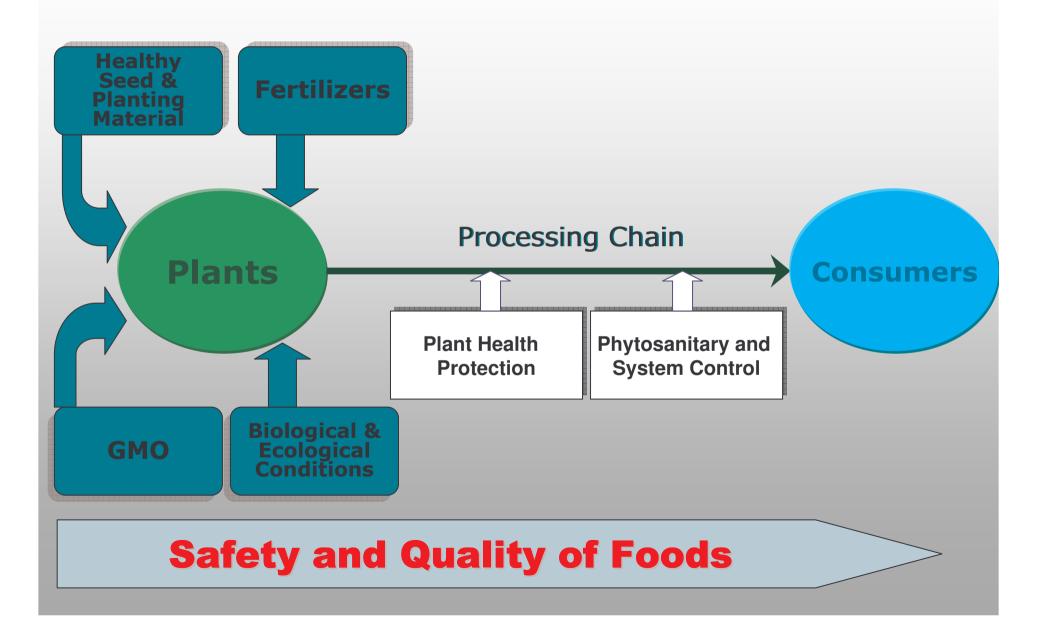
Chemical Contaminations in Food

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From Fork to Farm





Food Safety

- Shared Responsibility of all Actors in Food Chain:
- Producers;
- Control Authorities;
- Consumers.



Authorities

Aims

- Development of the legislative base for food sector;
- Control for adequate implementation of legislation from producers

Bulgarian responsible authorities are:

- Ministry of Health
 - Hygiene and Epidemiological Inspectorates
- Ministry of Agriculture and Forestry
 - National Service for Plant Protection, Quarantine and Agrochemistry
 - National Veterinary Service
 - Executive Agency Fisheries and Aquacultures National Grain Service
 - Executive Agency for Vines and Wine
- Ministry of Environment and Water
 - Regional inspectorates

ABÏ

Bulgarian Legislation for Food Safety

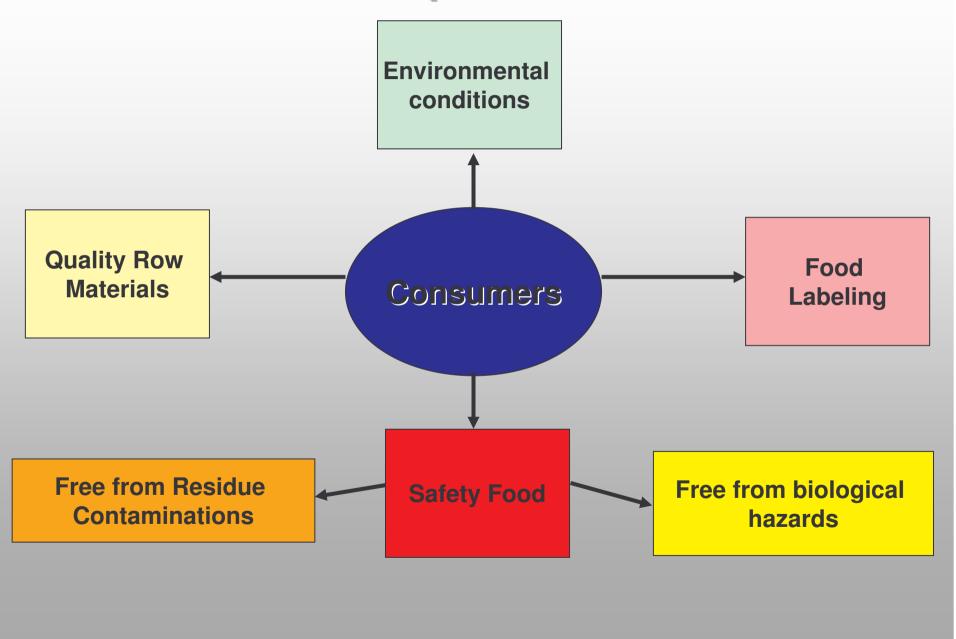
- Food Law (New edition OJ. No 90 from 1999, modified OJ. No 102 from 2003Γ.;)
 - □ It set up the main legislative framework of food safety in a country.
 - □ Introduces the main EU requirements for foods by adopting of directives 852/2004/EC, 3/2004/EC, 854/2004/EC, 882/2004/EC and etc.
- Specific Laws:
 - Veterinary Law ;
 - Law for Plant Protection;
 - Feed Law;



Producer Engagements

- > The main responsible for food safety;
- To know and implement the legislation;
- ➤ To organize self control at different process and food chain stages for which is responsible by compulsory utilization of HACCP, GAP, GMP and GHP.

ABI Consumer Requirements in Food Chain





Consumer Responsibilities

- Selection of Information;
- Critical Choice of Food;
- Food package and labeling importance.



Regulation № 31 for the maxim allowed contaminants level in food

The Regulation determined:

- The maximum allowed contaminant residues in foods;
- The method requirements for sample collection and analysis for official examinations.



Regulation № 31 for the maxim allowed contaminants level in food

- Contaminants alien compounds, penetrating from outside or generated in volume or at the surface of foods during their production, processing or preservation. In higher amounts affect the health of consumers;
- Require from producers, traders and importers to apply GAP and GMP;



Regulation № 31 for the maxim allowed contaminants level in food

The listed contaminants are:

- Nitrates mg/кg
- Micotoxins μg /κg aflatoxin B1, M1, G1 μ G2; ochratoxin A; patulin; desoxinivalenol, T2 toxin, B1+B2 toxins;
- Heavy metals mg/κg lead, mercury, cadmium;
- Aluminum, arsenic, cupper, nickel, chrome, zinc and tin in preservatives;
- Dioxins;
- Microbial and mycological
- Pesticide residues



Thank you for attention