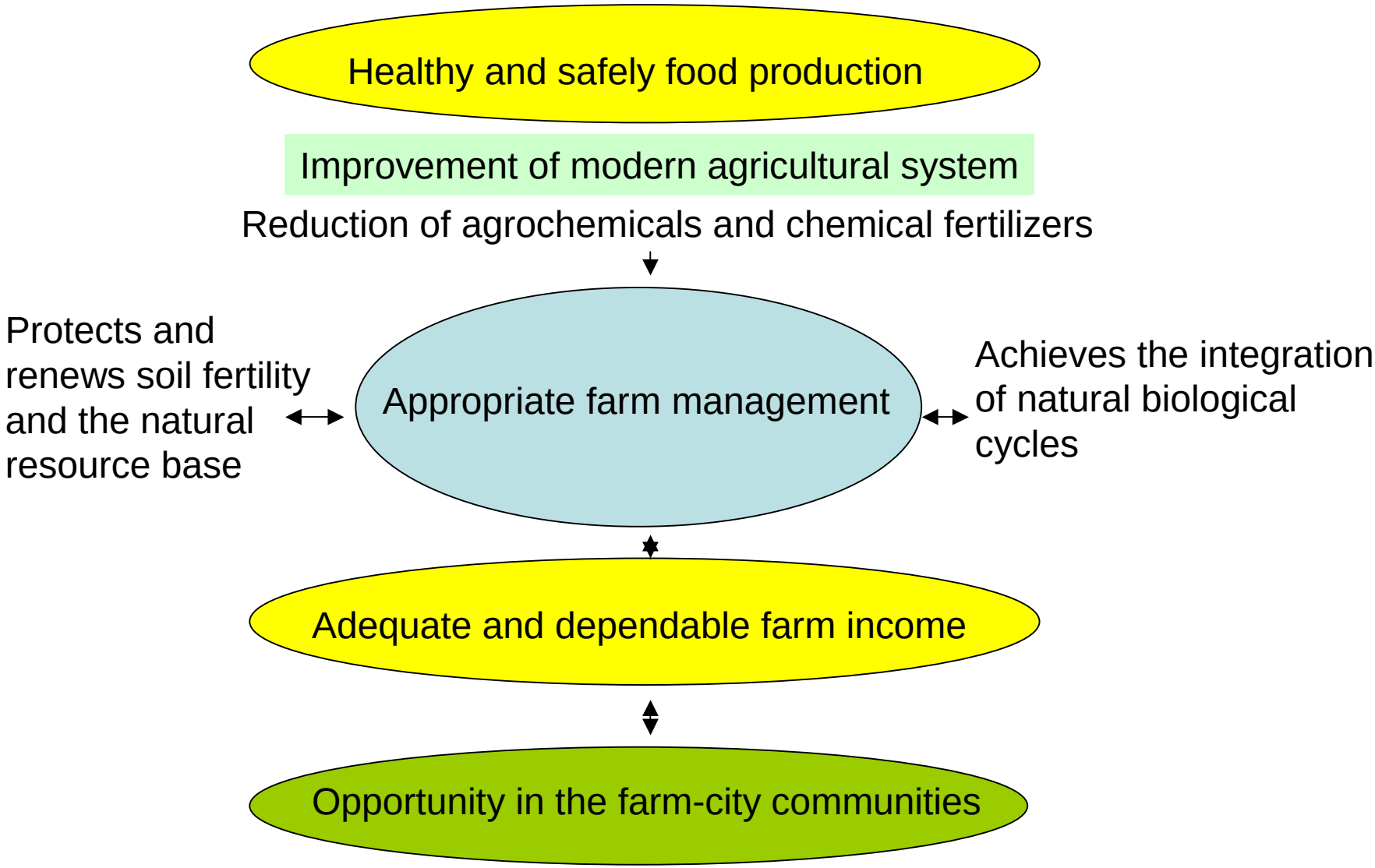
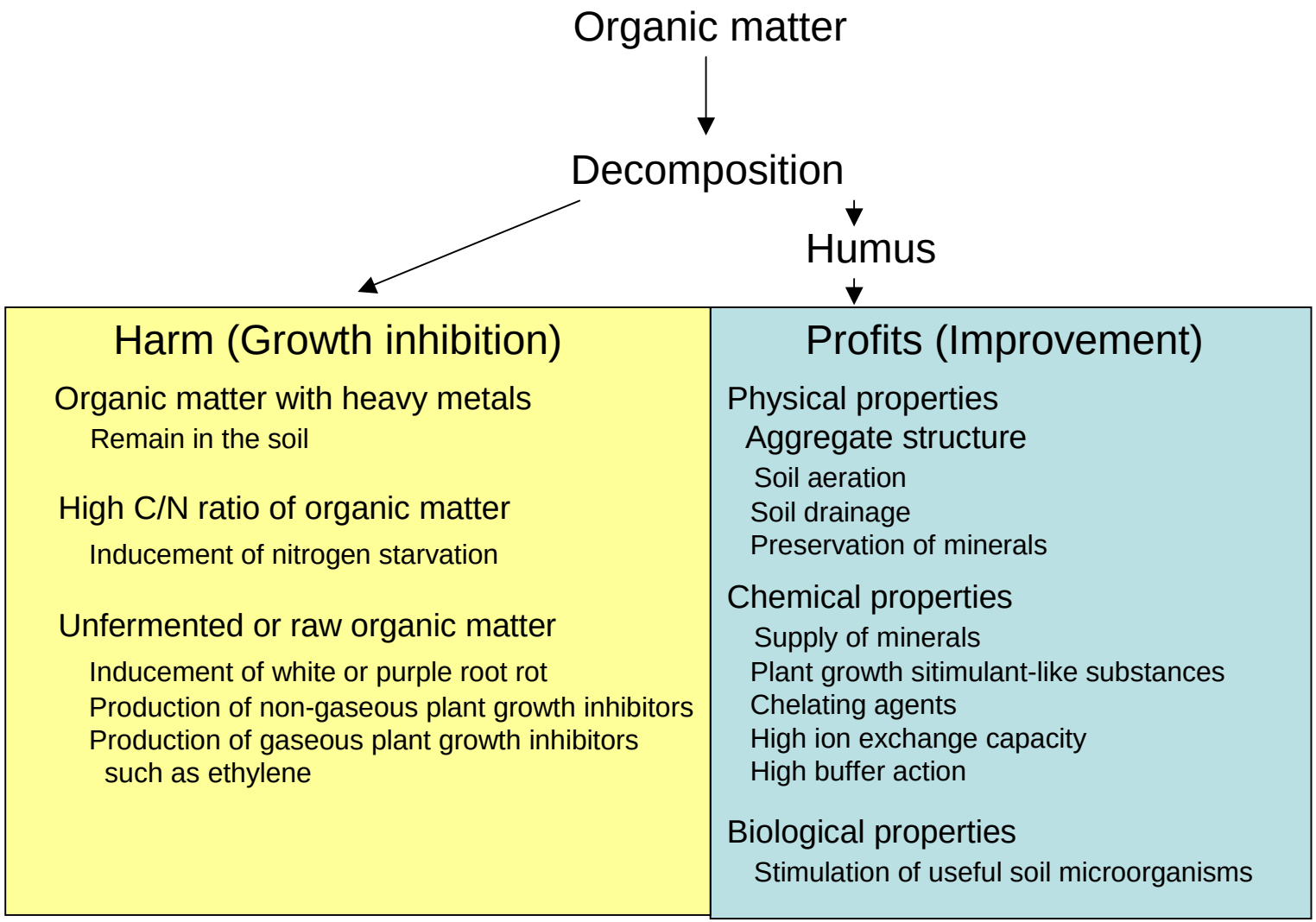
What is sustainable agriculture?

Prof. Dr. Takaaki ISHII
Graduate School of Agriculture, Kyoto Prefectural University

- Achieves the integration of natural biological cycles and controls,
- Protects and renews soil fertility and the natural resource base,
- Optimizes the management and use of on-farm resources,
- Reduces the use of nonrenewable resources and purchased production inputs,
- Provides an adequate and dependable farm income,
- Promotes opportunity in family farming and farm communities, and
- Minimizes adverse impacts on health, safety, wildlife, water quality and the environment



Our concept of sustainable agriculture **(By T. Ishii, 2004)**



Effect of organic matter application to the soil (by T. Ishii, 2004)