Urbanizzazione e sicurezza alimentare: alcuni dati sulle tendenze europee

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Cereals production in Europe is until now, more or less stable, but there are several question marks for the future:

- shrinking of agricultural land (soil sealing, soil degradation processes)
- climate change
- competition with bioenergy crops
- the energy incognita (fertilizers, pesticides, etc.)
More than 8,000 Km² of agricultural land have been lost between 1990 and 2000 (like the area of the Umbria region)
Soil sealing in EU

Relative losses of agricultural area

Ha

%
Agricultural productivity loss

Losses of agricultural productivity potential

The global agricultural productivity loss (EU 20) it has been estimated in 4.5 milions of tonnes of wheat
The evaluations presented are based on the average productivity of the Nuts 2 units (e.g. Italian regions).

Next step of this research will be the evaluation of the specific productivity potential, based on:

- soil type
- landform
- climate
Thank you for your attention!

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