

ENVIRONMENTAL STANDARDS IN UKRAINE

Мудрий Я.В.

Науковий керівник – ст. викладач Фесенко А.М.
Харківський національний технічний університет
сільського господарства імені Петра Василенка
(61023, Харків, вул. Мירוносицька, 92, секція агрономії, тел. (057)700-39-11)
E-mail: agroecology265@gmail.com

Environmental standards are the single mandatory system of norms and requirements for the environment in Ukraine.

There are no universally recognized and accepted international environmental standards. Even where standards do exist, and are applied, the permitted concentration of individual constituents may vary by as much as ten times from one set of standards to another.

In Ukraine environmental standards are established in two ways:

1. Environmental quality standards. There are the so-called Maximum Acceptable permissible Concentration, or MAC-value and Maximum Acceptable Levels (MALs).

2. Standards for environmental impact assessment. These standards are established for enterprises and limit the discharge of pollutants in air, water objects or placing of solid waste.

Basic principle for establishing maximum acceptable concentrations is no deterioration of human health in such a quantity of the substance in the environment. Maximum Acceptable Concentrations are designed for air, water objects, soil and food.

Air quality standards take into account the duration of impact on the human. On this principle Maximum Acceptable Concentrations are divided into workplace, non-recurring Acceptable Concentration and daily average.

Water standards differ according to the type of water use. There are standards of water quality for drinking (household), bathing, and fisheries. Different manufacturing processes may have specific requirements for the quality of water resources.

Soil quality standards depend on the soil type. Environmental requirements for food safety take into account frequency of their consumption by human.

These environmental standards are enforceable on the entire territory of Ukraine.

Ukrainian enterprises should have its own standards of harmful substances emission into the environment. They are called the maximum permissible emission and maximum permissible discharges. These values determine the mass of pollutant that the company can allocate into the air or water and environmental quality will remain within the MAC.

Much attention is paid to comprehensive assessment of environmentally safe operation of enterprises. Basic principles are concentrated in ISO 14000 - Environmental management.