

Abstrakt:

As a result of the deteriorating state of the environment due to intensive industrial and agricultural production activities, it is necessary to proceed to the pressure on polluters, both legislatively and economically.

Slurry as a by-product is a valuable complex organomineral fertilizer. Its fertilization value is comparable with manure, nitrogen, phosphorous and potassium fertilizers. Moreover, the slurry has a significant content of organic substances.

Slurry as a fertilizer is important especially today, when the czech agriculture has a great deficiency of manure caused by reduction in cattle. That's why slurry is an important alternative of fertilizers with biological origin with no pollutants. After production slurry contains many biologically harmful substances, so it's necessary to store it in slurry basins. Chemical and physical reactions during a period of four to six months cause, that slurry is rid of unwanted substances and qualities.