

Preliminary assessment of the environment-friendly method of limiting ammonia in air removed from the henhouse

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Summary

The aim of undertaken examinations was to determine the effectiveness phyto-remediation as the environment-friendly method of limiting ammonia in air removed from the henhouse. There were carrying out research in the research facility consisting of the henhouse with broody chickens and the greenhouse built above the henhouse through which came polluted air. The benchmarking was carried out in 3 consecutive months on account of changing weather conditions. Preliminary examinations gave results allowing considering the method phyto-remediation as the environmental alternative in purifying air removed from henhouses. Plants in the greenhouse heated up mainly with the warm from the henhouse, enable the elimination of the considerable part of ammonia and they can be also an additional source of economic benefits (using green mass). K

EY WORDS: ammonia concentration / phyto-remediation / purification of air in henhouse