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Res. Agr. Eng.

**A. Jelínek, M. Dědina,
P. Plíva, J. Souček**

Research of biological

agents effects on reduction of ammonia concentration in stables of intensive farm animals breeding

Res. Agr. Eng., 50 (2004): 43-53

In the study are presented results of experiments using bio-technological agents Amalgerol, Bio-Algeen G-40 and Biostrong 510 in intensive pig, poultry breeding and cattle slurry treatment for ammonia emissions reduction. The measuring was conducted, suggested and verified by continual method through the measuring station ASECO and instrument 1312 Photoacoustic Multi-gas Monitor of firm INNOVA Air Tech Instruments. The reached results confirm unambiguously possibility to reduce ammonia emissions from farm animals breeding.

Keywords:

ammonia emissions; living environment;
slurry; pigs; poultry

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