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ON AGRICULTURAL GREENHOUSE GASES

CROPLANDS RESEARCH GROUP: Poland - Country Update



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Activities/Accomplishment since last meeting

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Support for low carbon agriculture

able to adapt to observed climate change in the perspective of 2030 and 2050

ABOUT THE PROJECT

The main objective of the project is to improve resources use efficiency by implementing innovative low carbon farming practices and promotion sustainable use of mineral fertilizers by farms in Poland.

Activities/Accomplishment since last meeting

Pot experiment – Impact assessment of urea-based fertilisers with urease inhibitor on physico-chemical and microbiological properties of soil, ammonia emissions and maize productivity



Activities/Accomplishment since last meeting

A team of experts for environmental protection and climate change, implemented under the National network for rural areas - Action Plan 2014-2020

- regular meeting,
- workshops,
- join publication,
- networking,
- knowledge transfer

Activities/Accomplishment since last meeting

National Conference

„Potential for reducing emissions of greenhouse gases, ammonia and nitrates from agriculture – towards best practices”

September 29, 2017

The topics of the conference concerned:

- reduction of greenhouse gas emissions as a determinant of new directions for research and scientific cooperation,
- application of models for verification of ammonia emission ratios from mineral nitrogenous fertilizers,
- update and reduction of ammonia rates from domestic agricultural sources,
- presentation of remedies to reduce ammonia emissions from natural fertilizers during their storage and use,
- forecasts for reducing ammonia emission from mineral nitrogenous fertilizers,
- the determinants of the effectiveness of greenhouse gas emission reductions generated by the agricultural sector,
- assessment of the functioning of farms with a positive balance of carbon sequestration in the soil against the background of other holdings,
- implementation of field farming practices for low carbon agriculture.

Activities/Accomplishment since last meeting

Thank you

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