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**“The possible farm level impact of GM arable crops in Poland”**

Graham Brookes

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PG Economics Ltd, UK

Tel 00 44 1303 840958

Fax 00 44 1303 840959

**ABSTRACT**

Currently, no commercial genetically modified (GM) crops are planted in Poland. In the next few years, some GM traits may become available to Polish arable farmers, with the first traits likely to become available being herbicide tolerant oilseed rape, sugar beet and maize and insect resistant (Bt) maize.

This paper examines the potential farm level impact of planting these GM crops in Poland. The results are based on a combination of desk research/analysis of Polish agronomic, economic, scientific and trials data. Feedback to informal questionnaires was also obtained from specialists in the input supply sector and the research community in Poland. The paper will cover the crop production base of the three crops, existing crop protection practices, the impact of GM technology at the farm level (impact on yield, costs of production, crop quality and profitability), national level impact of adoption: on production, value and farm level profitability and the impact on the environment.