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Agric. Econ. — Czech

**Blahova P., Janda K.,
Kristoufek L.:**

The perspectives for genetically modified cellulosic biofuels in the Central European conditions

Agric. Econ. — Czech, 60 (2014): 247-
259

This paper connects the biofuels literature with the genetic modifications literature by considering the potential of genetic modifications for increasing the efficiency of the cellulosic biofuels production. This is done for one particular case through analyzing the effect of genetically modified corn adoption on the overall yields of corn for silage. Our econometric model confirms that the use of genetically modified corn with the inserted MON810 gene increases the overall corn biomass yield in the production and environmental conditions of the Central Europe, in particular in the Czech Republic.

Keywords:

cellulosic biofuels, genetic modifications

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