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**From:** [REDACTED] (Defra) [[mailto:\[REDACTED\]@defra.gsi.gov.uk](mailto:[REDACTED]@defra.gsi.gov.uk)]

**Sent:** 05 November 2013 08:56

**To:** [REDACTED]

**Subject:** RE: FYI - Cruiser - TMX field data - PLOS ONE publication

[REDACTED]

Thanks for this. [REDACTED] alerted me to this and I've shared it within Defra. It is helpful to have these studies in the peer-reviewed literature and I know you've gone through quite an exhaustive process to get there.

[REDACTED]

Best wishes

[REDACTED]

[REDACTED]  
[REDACTED]  
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**Foss House, Room 312**  
**1-2 Peasholme Green**  
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**From:** [REDACTED]@syngenta.com [mailto:[REDACTED]@syngenta.com]  
**Sent:** 04 November 2013 15:58  
**To:** [REDACTED] (Defra)  
**Subject:** FYI - Cruiser - TMX field data - PLOS ONE publication

[REDACTED],

FYI – Additionally, you may be aware we published our field studies last week in PLOS ONE. The study found no impact from TMX use on honeybee colonies.

The study was conducted between 2005 and 2010 as part of Syngenta's regulatory data package to support the application to use CRUISER® as a seed treatment on corn and oilseed rape in the EU. It investigated the long-term risk to honey bee colonies from four years of consecutive exposure to flowering maize and oilseed rape grown from thiamethoxam treated seeds at maximum recommended rates for insect control in Europe.

It looked at the impact on mortality, foraging behavior, colony strength, colony weight, brood development, food storage levels and over-winter survival of honey bees. It showed no difference between control hives and those adjacent to flowering crops treated with thiamethoxam.

Our study was designed to support science-based decision making and we're pleased that a credible open access peer review journal has published it.

You can view the study [here](#)

Regards,

[REDACTED]

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[Redacted]  
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Jealott's Hill International Research Centre  
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T. [Redacted]  
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