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**To:** [Kelly Rourke](#); [Laurie Adams](#); [jdemarchi@amseed.org](#); [badeehoney@gmail.com](#); [grhoney@powerbank.net](#); [DMoss@aem.org](#); [mikem@greatplainsmfg.com](#); [jay.overmyer@syngenta.com](#); [chc-ccm@honeycouncil.ca](#); [Inouye@umd.edu](#); [Steeger.Thomas@epamail.epa.gov](#); [connie.hart@hc-sc.gc.ca](#); [tva@pollinator.org](#); [Jeff.Pettis@ars.usda.gov](#); [justin.clark@basf.com](#); [Mark Ellis](#); [Darrell Smith](#)  
**Cc:** [Johnson, Reed M.](#); [beerresearch@aol.com](#); [Art Schaafsma](#)  
**Subject:** RE: CDRC Conference Call Tomorrow  
**Date:** Wednesday, July 13, 2016 10:50:48 AM  
**Attachments:** [image001.png](#)  
[BCS - Before and After Planter Photos.pptx](#)

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Dear CDRC,

Bayer has very significant concerns about the inclusion in the CDRC report of the photographs of seeds with severely eroded seed coatings that are shown in Fig 10 of the report from Ohio State University, especially the photo characterized as "typical" example of what seeds look like after passing through a planter. Many BCS personnel have seen these photos and consider them completely atypical of anything they've seen in their experience. I asked Ron Reichert, Bayer's technical expert on seed treatment technology to photograph treated seeds before and after being put through our simulated planter machines which we have in our Seed Growth Technology lab. The photos are in the attached powerpoint file. These are of Poncho-Votivo treated seeds which contain 500 mg of clothianidin per seed. The photos are before and after passing through the John Deer Vacuum meter, the most prevalent vacuum planter system in use in the US.

I can't explain the photos taken by OSU. I'd like to know more about the seed treatment quality – get a Heubach measurement on the retain samples. So much of the seed treatment has been eroded from these seeds I don't see how any pest control efficacy could be achieved. In past studies, the amount of active ingredient removed from the seed is usually less than 2%. The seeds from the OSU study look to be 30% or more.

For discussion later today.

Dave

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**David L. Fischer, Ph.D.**

Director, Pollinator Safety



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**From:** Kelly Rourke [mailto:kr@pollinator.org]

**Sent:** Tuesday, July 12, 2016 8:23 PM

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**Cc:** [Johnson, Reed M.](#); [beerresearch@aol.com](#); [Art Schaafsma](#)

**Subject:** CDRC Conference Call Tomorrow

Hi All,

This is a reminder that we will have our call tomorrow at 11 AM PDT / 2 PM EDT (P2 conference line 218-862-9431 passcode: 730470).

I also wanted to let you know that Art Schaafsma from The University of Guelph will not be able to be on