

## Sasha Hafner

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**From:** Meisinger, John <John.Meisinger@ARS.USDA.GOV>  
**Sent:** Thursday, October 02, 2014 23:40  
**To:** Sasha Hafner  
**Subject:** RE: ALFAM2 fall meeting date: 30 October  
**Attachments:** NH3 volatilization data from IHF in Thompson & Meisinger 2004 Plt & Soi v266, pp231ff for Sasha.xlsx; Text Gaseous N Losses etc Plt Soil v266 p231 2004.pdf

Hi Sasha,

Attached is the data from two of our IHF ammonia volatilization runs here at BARC, along with the paper that reported the original data.

The data in the spreadsheet is the data plotted in Fig 1 and Fig 4, plus the data from the paper on manure composition, application method, and soil properties (but I doubt that the soil saw much of the slurry – see note below).

I'm sorry I didn't have time to put these data into your spreadsheet format, but it's probably an easier task for you since you've worked with the base spreadsheet more than anyone else.

I could also have some other weather data, but it's on 3.5 inch disks and I need to find a PC that can read it before I go any further. However, your email below suggested that the enclosed data would be the main variables of interest.

One note of caution: both of these runs were done with the slurry spread on soil that was totally covered with chopped corn stalk residues (~ 10 t/ha of residues), which is very common here in MD and throughout the US. The residues gave a very high ground cover (say 95%) but I expect that the slurry had little or no contact with the soil.

Let me know if you need other data, and if this contribution is enough to "pay the entrance fee" for joining the EU ammonia project.

Jack

**From:** Sasha Hafner [mailto:saha@kbm.sdu.dk]  
**Sent:** Wednesday, September 24, 2014 8:19 AM  
**To:** Meisinger, John  
**Subject:** RE: ALFAM2 fall meeting date: 30 October

Hi Jack,

I can imagine that you are busy with all the changes going on there at BARC, so I'll apologize for being a pain...but, if you are going to submit data (I hope you still can), we need them very soon. I need to have everything entered and all the bugs sorted out before the meeting at the end of next month. Could you get them to me before the end of next week? If not, send me an estimate of when you think you'll be able to send the completed Excel file, and I'll try to make it work.

Best regards,  
Sasha

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**From:** Sasha Hafner

**Sent:** Wednesday, August 06, 2014 11:09

**To:** 'Meisinger, John'

**Subject:** RE: ALFAM2 fall meeting date: 30 October

Hi Jack,

Thanks for your message. Wow, big changes there at BARC. I hope the realignment works out OK for all of you. That is nice that you can get back to full-time research.

That is good news that you are going to contribute data. Did I send you the link for the data entry template? [Here](#) it is. Can you give me an estimate of when you will send your data? This month would be best. If you need help with organizing the data we might be able to help with that—just let me know. Also let me know if you want to have a call to go through the organization of the template.

On the other US groups, I would really like to have more data from the US, but I'm afraid there is not enough time now. Maybe if you know of one or two groups who have particularly good data sets and who might be responsive in getting the data together quickly, these would be the best ones to contact. I would like to have all data in by the end of this month, but if one or two data sets come in in early September, that would be OK too. But I think that will be the deadline, (unless we decide at the October meeting that we need more data).

Let me know what you think about when your data will be ready and also if and who else you are going to contact.

Thanks for contributing.

Best regards,

Sasha

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**From:** Meisinger, John [<mailto:John.Meisinger@ARS.USDA.GOV>]  
**Sent:** Tuesday, August 05, 2014 18:39  
**To:** Sasha Hafner  
**Subject:** RE: ALFAM2 fall meeting date: 30 October

Hi Sasha,

Thanks for keeping me in the loop. I've been busy with the EMBUL realignment (5 CRIS Projects reassigned to new labs and the old EMBUL unit abolished) which will allow me to return to full-time research (YEAH!).

I will not be able to attend the meeting, but was wondering if you'll have some way to allow remote listening/viewing of presentations or remote participation (a phone in number, distribution of meeting presentations/materials, etc.). I am interested in adding to the EU database on ammonia loss with some NH3 emission data that has already been published, but is not currently in the EU database; these data are from some micro-met IHF and wind tunnel studies.

If you'd like, I can contact a few more "Yankees" to see if we could get some more US participation. Is it too late to add to the group?

Jack

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**From:** Sasha Hafner [<mailto:saha@kbm.sdu.dk>]  
**Sent:** Tuesday, August 05, 2014 9:53 AM  
**To:** [albrecht.neftel@art.admin.ch](mailto:albrecht.neftel@art.admin.ch); [AVV@vfl.dk](mailto:AVV@vfl.dk); [christoph.haeni@bfh.ch](mailto:christoph.haeni@bfh.ch); [dfangueiro@isa.utl.pt](mailto:dfangueiro@isa.utl.pt); [Gary.Lanigan@teagasc.ie](mailto:Gary.Lanigan@teagasc.ie); [jan.huijsmans@wur.nl](mailto:jan.huijsmans@wur.nl); [joerg.sintermann@art.admin.ch](mailto:joerg.sintermann@art.admin.ch); Meisinger, John; [John.Williams@adas.co.uk](mailto:John.Williams@adas.co.uk); [kang@pflanzenbau.uni-kiel.de](mailto:kang@pflanzenbau.uni-kiel.de); [LEK@lr.dk](mailto:LEK@lr.dk); [loubet@grignon.inra.fr](mailto:loubet@grignon.inra.fr); [Martin.Chantigny@agr.gc.ca](mailto:Martin.Chantigny@agr.gc.ca); [mno@agrotech.dk](mailto:mno@agrotech.dk); [pacholski@inkubator.leuphana.de](mailto:pacholski@inkubator.leuphana.de); [pacholski@inkubator.leuphana.de](mailto:pacholski@inkubator.leuphana.de); Sven G. Sommer; [shabtai.bittman@agr.gc.ca](mailto:shabtai.bittman@agr.gc.ca); [Stan.Lalor@teagasc.ie](mailto:Stan.Lalor@teagasc.ie); [Tavs.Nyord@agrsci.dk](mailto:Tavs.Nyord@agrsci.dk); [thomas.flesch@ualberta.ca](mailto:thomas.flesch@ualberta.ca); [thomas.kupper@bfh.ch](mailto:thomas.kupper@bfh.ch); [tom.misselbrook@rothamsted.ac.uk](mailto:tom.misselbrook@rothamsted.ac.uk); [tsb@agrotech.dk](mailto:tsb@agrotech.dk); [wim.bussink@nmi-agro.nl](mailto:wim.bussink@nmi-agro.nl)  
**Subject:** ALFAM2 fall meeting date: 30 October

Dear all,

Thank you for completing the survey. Our fall meeting on the ALFAM2 project will be on Thursday, 30 October, at Leuphana University in Lüneburg Germany. We know this date won't work for some of you, unfortunately, but it does work for most of you who completed the survey. This will be a full-day meeting. We will summarize the database (new data from six groups so far) and current model. And we will discuss how to proceed (e.g., data analysis, model development, and papers that we will write). Details will follow early next month.

Best regards,  
Sasha

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