

**From:** Coffey, Lisa M [PSI] [lmcoffey@iastate.edu](mailto:lmcoffey@iastate.edu)  
**Subject:** Re: Hips data  
**Date:** January 19, 2023 at 1:38 PM  
**To:** Ravi Mural [rmural2@unl.edu](mailto:rmural2@unl.edu), Jon Turkus [jturkus2@unl.edu](mailto:jturkus2@unl.edu)



Hi Ravi & Jon,

I wanted to make sure that the details in the email weren't missed... if the IDs of your ears are based on plot IDs (and not 'grid coordinate') you'll need to correct the IDs for a few plots due to planting shift error

Thanks  
Lisa

On Dec 19, 2022, at 5:07 PM, Coffey, Lisa M [PSI] <[lmcoffey@iastate.edu](mailto:lmcoffey@iastate.edu)> wrote:

Hi Ravi & Jon

Sorry for the delay in the North Platte data (yield, plant & ear height). Attached is v4 (working from what Jeff sent to me as 'v1')

Please note for the entires on the map that Jeff color coded: yellow, red, green, purple, we should ignore any data (yield, plant heights, ears) due to uncertainty of the materials.

For the entries in blue on the map, a packet fell down during planting, causing a frame shift. \*\*\* so you'll need to correct that for your ear data\*\*\* because for example plot 51 is not located in the field range / pass it was planned on being in

For each worksheet of data, please check the columns of 'notes from LC' or 'notes from HL' as you consider the data for a field entry

Please reach out to Huyu & myself with any questions

Thanks  
Lisa

Begin forwarded message:

**From:** "Liu, Huyu [AGRON]" <[huyu@iastate.edu](mailto:huyu@iastate.edu)>  
**Subject:** Re: Hips data  
**Date:** December 5, 2022 at 2:53:44 PM CST  
**To:** "Coffey, Lisa M [PSI]" <[lmcoffey@iastate.edu](mailto:lmcoffey@iastate.edu)>

Hi Lisa,

Here is the updated file.

The blue area affected our sensor plots, so I added the notes in the data sheet.

All the solar panel plots are correct, except plot 1528, which is an experiment plot and should have no solar panel. But I won't be surprised if the sensor group accidentally damaged it thinking it is a solar panel plot without telling me. I didn't check that plot

damaged it thinking it is a solar panel plot without telling me. I didn't check that plot, since it is out of our sensor and solar panel area and they installed solar panels in the right plots.

Thanks.

Yours,

Huyu.

Huyu Liu

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**From:** Coffey, Lisa M [PSI] <[lmcoffey@iastate.edu](mailto:lmcoffey@iastate.edu)>

**Date:** Monday, December 5, 2022 at 12:05 PM

**To:** Liu, Huyu [AGRON] <[huyu@iastate.edu](mailto:huyu@iastate.edu)>

**Cc:** Schnable, Patrick S [AGRON] <[schnable@iastate.edu](mailto:schnable@iastate.edu)>

**Subject:** Fwd: Hips data

Hi Huyu

Please see attached for v2 of plant trait, FT, and yield from North Platte. I need you to check some things for me & then we can vlookup to add pedigree, genotype, note from our FB to the file.

Please also see an updated map worksheet for a planting error where some a few plots in full irrigation. It seems an envelope fell down down during planting -> frame shift & then correction (blue highlights). Other highlights in map are recorded in the yield data as exclude the data.

Things for you:

- If the sensors were deployed in the area of blue on the map, you will need to note that and correct / adjust any files you have for their plot ID due to the frame shift
- See the 3 worksheets with data. Please confirm that Jeff was correct about solar panel placements.
- One of my concerns is on worksheet 'No Irr Data'. He has listed plot 1528 was likely a solar panel. I thought that was experimental and so I wonder if an experimental plot was destroyed and solar panel placed there
- Add columns about panels and sensors.

- add a column for solar panel deployed
- add columns for each type of sensor
- x in column if panel was placed there
- x in column for sensor type
- \*\*\* I think this information is already in the FB, so perhaps it can all be vlookup. But you'll need to look closely about plot 1528

Please work on these so that we can update file and share with our UNL team

Let me know if we need to find time to chat to clear up details. I won't have time this afternoon as i have an online re-certification.

Thanks  
Lisa

Begin forwarded message:

**From:** Jeff Golus <[jeff.golus@unl.edu](mailto:jeff.golus@unl.edu)>  
**Subject:** Hips data  
**Date:** November 29, 2022 at 9:51:08 AM CST  
**To:** "Coffey, Lisa M [PSI]" <[lmcoffey@iastate.edu](mailto:lmcoffey@iastate.edu)>

Hello Lisa: Hope all is well your way.

Attached is data from the Hips project. You will note in the corrected map a couple planting errors in the full block. The data represents the "correct" data for each plot as if everything was planted correctly - ie adjustments have been made for misplaced plots. I've found it is easier to collect data as everything was planted correctly and adjust at the end of season for misplaced plots.

Plots with insufficient grain for an accurate moisture reading have been marked, as well as animal damage and other notes.

If you have questions please let me know.

Thanks  
Jeff

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<image001.gif>

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**Jeff Golus**

*Rsch Manager Plant Sci*  
University of Nebraska–Lincoln  
West Central Rsch & Ext Center  
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-Lisa,  
A woman who had some of her rights taken away by the Supreme Court on 6/24/22

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<http://schnablelab.plantgenomics.iastate.edu>  
<2022\_Schnable\_HIPS\_data\_v4.xlsx>

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