



Interactive comment on “Modeling agriculture in the Community Land Model” by B. Drewniak et al.

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General:

I see that Bill Sacks made a similar comment: The authors should point out the similarities and differences between this work and Levis et al. (2012). They should emphasize the aspects of this work chosen for the next version of the clm and slated for release this year. This way the authors explain the context of this work relative to ongoing clm development and relative to previously published work.

Otherwise, I find this an easy paper to read, and I recommend it for publication after minor revisions.

Specific:

1) Abstract: "validated against obs from two Ameriflux sites" is specific and makes

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sense, while "some regions" feels vague and awkward. Maybe just specifying whether these regions are in the US is enough, or maybe you could be even more specific.

2) Abstract: "Crop yields and productivity ... precipitation." You do not say here how this compares to observations. I.e., is it a good result?

3) Section 2.1.1: I would change "as shown by Levis et al." to "as also done by Levis et al." Maybe this becomes a non-issue after revisions. At the moment, as written, this statement makes Levis et al. seem like part of the same project and, yet, this is only the first mention of Levis et al.

4) Examples of model features chosen for the next version of the clm: Section 2.1.2 Section 2.1.3 Section 2.1.4

Interactive comment on Geosci. Model Dev. Discuss., 5, 4137, 2012.