

Response to editor

Comments to the Author:

Dear Authors, I find this to be a robust work on an interesting topic of broad interest. Both the reviewers are also positive about your manuscript. They have raised some concerns but I am satisfied with the way you are proposing to address these concerns. I would like to raise a minor point here. You have addressed uncertainties due to GCM choice by using an ensemble of GCMs. You have addressed the uncertainty due to differences between cultivars by using 10 different parameter sets. But you have ignored the uncertainty due to crop model choice. I suggest you explicitly mention this omission in section 4.3 and, if possible, the consequences of this omission. I invite you to submit your revised manuscript to ESD with these revisions.

Dear Editor, thanks for accepting our manuscript for final publication in ESD. We have followed your suggestion and addressed the uncertainties due to model selection in section 4.3 in the final version of our manuscript. Please see page 13 lines 16-19.