

Interactive comment on “Water footprint of crop production for different crop structures in the Hebei southern plain, North China” by Yingmin Chu et al.

Anonymous Referee #2

Received and published: 23 January 2017

This is an interesting manuscript, and the discussion of the water footprint of each kind of crops is beneficial to design the current crop structure to save agricultural water consumption. In my opinion, it can be accepted after moderate revision. The specific comments are below: 1. The newly published papers as reference should be added, the newest papers are 2015 papers in the reference list. 2. The conclusions should be enriched according to the research aims given at the end of the discussion section. The research result of the first aim is missing, and should be added in the conclusion section. 3. The authors gave eight scenarios, why? The authors should give the reason to give eight scenarios. 4. In the discussion section, that 4.3 the main shortcomings of this study is just uncertainties of the results, not shortcoming, so the title should

C1

be corrected. 5. The authors discussed the water footprint for specific crop types. However, I cannot find the data source of water consumptions of each type of crop in “2.2 data source” section. It should be given.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-447, 2016.

C2