**RESPONSE TO REVIEWER**

**Corrections in concordance with the reviewer remarks.**

Reviewer A comments:

1. Number of references cited is too large; 2-3 references are enough to support a statement.

**We have reduced the number of reference that supports a specific statement on 2-3.**

2. In the section Experimental, content of glucans was measured by the ICC standard method No 168. Therefore, there is no need for detailed explanation of each step, the final formula and explaining abbreviations would be enough.

**The methods are summarized. On a proposal of reviewer the final formula and abbreviations are left.**

3. Tables II and III should be merged, and only content of glucans (without Absorbance’s) should be displayed. In addition, they should be placed in the section Results.

**We connected the tables for barley and oat (II and III) and now the table shows only the content of *β*-glucan without absorbance. New table (II) is transferred to the chapter – Results – line 159.**

4. In the discussion, the authors should explain what are the factors which affect the *β*-glucans content in oat and barley, besides genetic variations, and what should be done to increase their content.

**In the discussion, we explained the factors that affect the content of *β*-glucan in oat and barley, other than genetic (last paragraph) from line 234, and we explained what should be done to increase their content.**

Sincerely Yours,

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