Reviewer's report

Title: Perceptions of flatulence from bean consumption among adults in 3 feeding studies

Version: 2 Date: 31 July 2011

Reviewer: Chih-Yen Chen

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Major Compulsory Revisions
1. <Introduction> line 20
   Please clarify “lowering” or “increasing” insulin sensitivity?
2. <Methods> line 105 and 107
   Since you enrolled volunteers with a fasting insulin level more than 15 microU/ml, which might represent mild to moderate insulin resistance, did you show any data in your results (in your tables or figures) regarding insulin and ghrelin levels of your volunteers? Emerging evidence reveal the close relationships between insulin resistance, glucose homeostasis, and ghrelin (Chen et al, Pharmacol Rev 2009). This is an important question problem!
3. <Results> line 175-179
   Before or after the statement of Table 1, I suggest the authors to add figures for the 3 protocols of your 3 experimental designs. Otherwise, it is so difficult to catch out how you enrolled and treated your volunteers by our readers.

Minor Essential Revisions
1. <Discussion> line 284
   Although this is a mail-in questionnaire, level higher than telephone review, however, its validity is still lower than visual analogue scale (VAS) study. Please state limitation in your discussion.
2. Please perform careful check for the format of references for NUTRITION JOURNAL.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests.