



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_9029
Title of the Manuscript:	Maize response to competition from Speargrass (<i>Imperata cylindrica</i> (L.) Raeuschel) regrowth from planted rhizomes II: Competitive Relationship-Relative Yield and Relative Yield Total.

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
My suggestions were not made. I suggest presenting data of seeding densities in the form of plants per hectare, instead of plants per plot. I suggest the use of the minimum and maximum temperatures, which more influence the development of plants that mean monthly temperature. I also suggest calculate Competition Indices: land equivalent ratio (LER), relative crowding coefficient (K), aggressivity (A), competitive ratio (CR), yield loss (AYL) index and monetary advantage index (MAI), according to the methodology proposed by Yilmaz, S, Atak, M and Erayman, M (2008) Identification of Advantages of Maize-Legume Intercropping over Solitary Cropping through Competition Indices in the East Mediterranean Region. Turk J Agric For 32, 111-119.	This has been integrated in the materials and method. The no. per plot was left in view of the small plot size of 2m x 2m of this trial, so that the number of plants in the plots will be appreciated and understood instead of extrapolating to one hectare, which was not the actual plot size used for the trial and treatments. Your suggestion is not out of place for the sake of reporting. See text Page 4, line No. 77-82 The temperature quoted here is an average document in literature for the location and region where the trial was conducted. Thank you for all these suggestions. None of this is more important than the other in analysing competitive relationship. It all depends on the experiment sometimes. Each of them has merits and demerits depending on the type of trial. LER is equivalent to RYT, but mostly used were intercrop is involved (two economic crops). In this trial, RYT is better than relative crowding coefficient (K) that is why it was used. Thank you for you critical review of this work, I appreciate that.