



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_8670
Title of the Manuscript:	Long-Term Fertilization Effect On Agronomic Yield And Soil Organic Carbon Under Semi-Arid Mediterranean Region

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Overall, the paper has been greatly improved, clarifying many of the question I had on previous version. However, there are few paragraphs in discussion that are not clear. Paragraph at lines 239-245 seems to be contradicting. Paragraph at lines 252-263 is very confusing. It seems to be talking about four different things in sequence, without any connection to each other.	Line 239-245 has been rewritten as indicated “In the present experiment, however, plant response was similar when treated with 25 Mg ha⁻¹ of compost with or without mycorrhizae. It seems that inoculation with mycorrhizae alone has more impact on crops than when used in combination with compost. The colonization and the number of spores were also more in compost+mycorrhizae than in other treatments (data not presented). The results indicate that mycorrhizal inoculation strongly affected growth of diverse plant species. Under the same soil conditions, the effects of mycorrhizal inoculation on 12 plant species were tested during 1997-1999 [35].” The line between 252 and 263 was re organised and rewritten as indicated “Also since we used several wheat and maize genotypes and they have difference production potentials there were differences in yield production between years. Under field condation, depending on soil, crop and climate, there exists a large variability in empirical relationship between SOC concentration and agronomic yield. This confusion of yield differenced in between years may be caused by the expression of SOC data in % rather than in Mg/ha. Most literature is in Mg/ha. In present experiment we used % of SOC”.