



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_8459
Title of the Manuscript:	INFLUENCE OF BULB SIZE AT PLANTING AND DROUGHT STRESS ON GROWTH AND DEVELOPMENT OF ONION (<i>Allium cepa</i> L) IN THE NORTHERN REGION OF GHANA

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Many of the concerns raised in the previous comments have been addressed. However, I feel that few concerned have not been addressed properly. These are: Design and Layout of the experiment I still recommend that, for simplicity sake, the treatments should be outlined as: T1: large onions watered throughout; T2 large onions watered five weeks; T3 large onions watered three weeks;; T9 small onions watered three weeks. I do not feel that one will be tempted to think that the experiment involved only a single factor because in section 2.2 you have to explain that “the experiment consisted of two factors namely: onion bulb weight and water regime. The first factor of onion bulb weight consisted of 44.3g, 26.1g and 16.7g representing the large, medium and small bulbs, respectively. The second factor of water regime involved watering plants throughout the experimental period, watering plants from the time of planting up to three weeks after planting, and watering plants from the time of planting up to five weeks after planting. These were subjected to nine treatments: T1, T2, ...T9. RESULTS I also still recommend that Figures 1a, b and c should be combined as one with legends as T1, T2, T3, ..., T9. Similarly, Figures 2a, b, c and Figures 3a, b, c should be combined as one respectively. It is easier to compare the trend of the graphs if they are combined. The purpose of doing research is to recommend improved developments. It is easier to recommend improved developments if they are shown on one figure than on scattered figures. Moreover, one can clearly see that T1, T2 & T3 is about large onions and water regime; T4, T5, & T6 is about medium onions and water regime; and T7, T8 & T9 is about small onions and water regime.	Suggestions of the reviewer have been taken; Corrections have been made to the revised version in accordance with the reviewer’s suggestion both in section 2.2 and the results. Thanks. Graphs (Figures 1a, b and c have been combined as one with legends as T1, T2, T3, T9. Similarly, Figures 2a, b, c and Figures 3a, b, c have also been combined as one, thanks.



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OTHER COMMENTS

There is a need to be consistent when writing the parameters on the title, objective of study in the introduction section and the presentation of the results. The way the title has been written, there is a need to change the way the objective and the results have been presented.

The last sentence of the introduction section should read: “This study was therefore conducted to determine the influence of drought and bulb weight at planting on growth and development of onion in the study area.”

The layout of the results section should be:

- 3.1 Climatic and plant house conditions
- 3.2 Number of tillers
- 3.3 Bulb yield at harvest
- 3.4 Leaf length
- 3.5 Leaf Number
- 3.6 Vigour score

Suggestion taken. The last sentence has been restated as suggested by the reviewer, thanks

Suggestion raised by the reviewer with regard to changes in the layout of the results section has also been adhered to, thanks.