



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_17341
Title of the Manuscript:	Herbicide application in precision farming based on soil organic matter
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	INTRODUCTION: Lacked review the importance of utilization bioassay for monitoring herbicide in the soil. RESULTS AND DISCUSSION: Many interesting results, but the discussion is very poor, must be based on scientific literature. CONCLUSION: Conclusions should be linked with the study objective. REFERENCE: I thought your old references, could update for the last 10 years. Verify the information in own PDF. Title: report the two herbicides in the title Abstract: Alopecurus myosuroides; Stellaria media Two herbicides ED50 values Soil organic matter content. Keywords: variability	Noted. Revised. Noted. Revised in parts. Accepted. Revised. Noted. No changes. I think it is important to show that the influence of soil properties is well known since many years, but does not take sufficient account. Noted, no changes in the title. Included now in Keywords Accepted, revised Accepted, revised Accepted, revised Noted, no changes in abstracts Noted. It means variability in general: soil, weed, herbicide efficacy
<u>Minor</u> REVISION comments	Verify the information in own PDF. Line 12 Introduction	Noted. No changes. Accepted. Revised.



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	Line 14 save harvests Line 26 Soil-applied herbicides Line 35 sorption of glyphosate Line 43 indices Line 48 ED50 Line 49/51 Line 83 weed species, herbicides. Line 91/97 Line 100 Line 104 Line 111/112 Line 116/117 Lentipur 700 Line 118 Line 124 Line 130 Fig. 1 Line 135 rates Line 135 Stomp Aqua Line 157 Stomp aqua Line 159 8.8 L/ha Line 190 Line 193 Line 214 Line 219 Line 233 Line 245-251 Line 256-265 Line 313	Accepted. Revised. Accepted. Deleted. Accepted. Revised. Accepted. Revised. Noted. Introduction gives a general overview, partly. No changes Noted. No changes. Accepted. Revised. Accepted. Revised. Accepted. Revised. Noted. Irrigation was done from above. See text below. No fertilizer. Accepted. Deleted. No wind speed, application was done in a cabinet chamber, Room temperature, relative humidity?? According to the experience of the technical staffs. 2013, location Accepted. Revised. Accepted. Deleted. Accepted. Deleted. Accepted. Deleted. Accepted. Revised. Accepted. Revised. Accepted. Revised. Accepted. Revised. Accepted. Revised. Accepted. Revised. Accepted. Revised. Noted. No changes. I think it is important to show that the influence of soil properties is well known since many years, but does not take sufficient account. Accepted. Revised.
<u>Optional/General</u> comments		