



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_15092
Title of the Manuscript:	Yielding reliability of legumes grown as stubble catch crop
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.

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PART 1: Review Comments

	Reviewer's comment.	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	It is interesting to read that even Serradella, sowed with higher density, perform well (total dry matter and post- harvest residue are comparable, green matter is lower, but plantlets are smaller. It was sown at higher density than the other crops. Peas have benefited from a deepness that favours the presence of water even during dry periods. It is interesting to read the discussion: The total dry matter yield of field pea was 16.4 and 30.0% lower compared to the tansy 178 phacelia and oilseed radish grown under the same conditions. However, these crops do not fix nitrogen, so there is a small advantage in dry matter ,but total fertilization ability is not as performing as legumes.	Thank you for your comments. In fact our studies indicated that legumes may be sown as late stubble catch crops within 3-12 August and some of them produce quite high yields of green matter (yellow lupine, field pea). Serradella require earlier sowing (in July). However this plant produce biomass abundant in nitrogen, and as was indicated in our earlier study may efficiently improve yielding of cereals grown after them.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		