



SDI Review Form 1.6

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_4313
Title of the Manuscript:	Novel Application of ALMANAC: Modelling a Functional Group, "Exotic Warm-season Perennial Grasses"

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	Discussion including related results of other researchers is absent. Lines 503-507. Experimental data have shown that ALMANAC is not a so good tool for grasses biomass production predictions (S/M values ranged from 0.47 to 1.43). This reduced accuracy could partially be attributed to the fact that ALMANAC does not include the CO₂ accumulation in photosynthesis as one of its parameters. Authors should state this in the discussion. Figures. It is not clear why figure do not include the same number of points. Were there different numbers of measurements during years? Also, figure captions should be more informative. Regression equations. There is no evidence that all linear regression equations are significant. Authors should state the adjusted coefficients of determination (R_a^2) and the <i>F</i> ratio of each equation. Please, delete all the double spaces between words throughout the manuscript. Lines 219-241. Please use passive voice (were simulated instead we simulate, was compared instead we compared, was converted instead we converted). Line 248. '... as described by Kiniry et al. (1996).'	



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	Well designed and well written manuscript.	

Note: Anonymous Reviewer