



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_22538
Title of the Manuscript:	Impact Of Preceding Legumes And Nitrogen Fertilizer On Soil Fertility And Growth Attribute Of Maize
Type of Article:	Original Research Paper

PART 2:																																														
FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments																																													
The initial soil properties before the start of the experiment should be provided Biomass data and chemical composition of the legumes residues and natural fallow vegetation incorporated before the cultivation of maize should be provided. The tables presented only showed single effects of the treatment factors, rather they should be presented to show interaction	The initial soil analysis is provided in paper. <table><tr><td>Legumes</td><td>N (%)</td><td>OM(%)</td><td>P (ppm)</td><td>K (ppm)</td></tr><tr><td>Cowpea</td><td>0.041 ab</td><td>0.690 c</td><td>16.3 a</td><td>116.7</td></tr><tr><td>Mungbean</td><td>0.045 a</td><td>0.907 a</td><td>12.1 b</td><td>95.0</td></tr><tr><td>Sesbania</td><td>0.039 ab</td><td>0.743 bc</td><td>17.5 a</td><td>100.0</td></tr><tr><td>Fallow</td><td>0.036 b</td><td>0.820 ab</td><td>11.4 b</td><td>110.0</td></tr><tr><td>LSD(0.05)</td><td>0.0061</td><td>0.09294</td><td>2.6</td><td>ns</td></tr><tr><td></td><td>Mungbean</td><td>Sesbania</td><td>Cowpea</td><td>Fallow</td></tr><tr><td>Fresh fodder yield kg ha⁻¹</td><td>-</td><td>18278</td><td>27278</td><td>-</td></tr><tr><td>Biological yield kg ha⁻¹</td><td>4833</td><td>-</td><td>-</td><td>-</td></tr></table>	Legumes	N (%)	OM(%)	P (ppm)	K (ppm)	Cowpea	0.041 ab	0.690 c	16.3 a	116.7	Mungbean	0.045 a	0.907 a	12.1 b	95.0	Sesbania	0.039 ab	0.743 bc	17.5 a	100.0	Fallow	0.036 b	0.820 ab	11.4 b	110.0	LSD(0.05)	0.0061	0.09294	2.6	ns		Mungbean	Sesbania	Cowpea	Fallow	Fresh fodder yield kg ha ⁻¹	-	18278	27278	-	Biological yield kg ha ⁻¹	4833	-	-	-
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