



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_33863
Title of the Manuscript:	Improving Nitrogen Use Efficiency of Urea by using Urease and Nitrification Inhibitors and Plant Growth Regulators under Spinach Crop
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)

Following the final evaluation of Research Article titled "Improving Nitrogen Use Efficiency of Urea by using Urease and Nitrification Inhibitors and Plant Growth Regulators under Spinach Crop". Since the requested changes are major, I recommend that it should be revised taking into account the changes requested as follows;

1. Tables 1 and 2 should be in three lines' tables. For example;

Table 1.

Treatments	Plant Height (cm)	Number of Leaves per Spinach	Fresh Weight (g)	Dry Weight (g)	Biological Yield (g pot-1)
T1	5.88 d	25.5 d	8.52 d	3.40 c	202 d
T2	7.17 cd	62.75 ab	15.79 bc	4.30 ab	216 bc
T3	8.33 cd	53.50 bc	14.12 c	4.28 ab	223 ab
T4	7.79 cd	54.50 abc	14.32 c	3.90 bc	213 c
T5	10.99 ab	54.00 abc	17.63 bc	4.43 ab	225 abc
T6	11.54 a	68.75 a	22.37 a	4.64 a	227 a
T7	8.67 bc	65.50 ab	19.41 ab	4.29 ab	215 bc
T8	9.66 abc	36.25 c	16.59 bc	4.17 ab	216 bc
T9	9.53 abc	58.25 abc	16.57 bc	4.63 a	219 abc
LSD0.05	2.5	15	4.16	0.7	10.6

Note: The corrections were made on tables in your revised Ms_AJAEES_33863. Thanks

Authors' response to final evaluator's comments

Following changes have been made as follows.
In the light of one of the honourable reviewer, the title was accordingly modified as, "Effect of combine application of Urea, Urease, Nitrification Inhibitors and Plant Growth Regulators on spinach productivity". Hence due to induction of Table 1 entitled, "Physico-Chemical Characteristics of Experimental Soil", now the Table 2 and Table 3 (previously named as Table 1 and Table 2) are as reproduced in finally revised research paper as follows;

Table 1. Physico-Chemical Characteristics of Experimental Soil

Characteristics	Unit	Value
Bulk Density	g cm-3	1.39
pH	-	8.10
ECe	dSm-1	1.13
Lime (CaCO3)	%	10.05
Organic Matter (OM)	%	0.92
Total Nitrogen	%	0.04
Available Phosphorus	µ g g-1 soil	7.10
Available Potassium	µ g g-1 soil	181.3
Clay	%	18.60
Silt	%	28.80
Sand	%	52.60
Textural Class	-	Sandy Clay Loam
Extractable Phosphorus	mg kg-1	19.10
Exchangeable Potassium	mg kg-1	189.20

Table 2. Plant Height (cm), Number of Leaves, Fresh Weight (g), Dry Weight (g) and Biological Yield (g pot⁻¹) of Spinach

Treatments	Plant	Number of	Fresh	Dry	Biological
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	Height (cm)	Leaves per Spinach	Weight (g)	Weight (g)	Yield (g pot ⁻¹)
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LSD _{0.05}	2.5	15	4.16	0.7	10.6

Means followed by similar letter(s) do not differ significantly at P_{0.05}

Table 3. Economize Nitrogen Fertilizer in Spinach Production

Treatments	Value of Produce (Rs. in Million)	Cost of Production (Rs. in Million)			Net Return (Rs. in Million)
		Cost of produce	Cost of Chemicals	Total	
T1	12.12	0.01	-	0.01	12.11
T2	12.96	0.01	0.01	0.02	12.94
T3	13.38	0.01	0.05	0.06	13.32
T4	12.78	0.01	0.26	0.27	12.51
T5	13.50	0.01	0.08	0.09	13.41
T6	13.62	0.01	0.19	0.20	13.42
T7	12.90	0.01	0.26	0.27	12.63
T8	12.96	0.01	0.47	0.48	12.48
T9	12.14	0.01	0.26	0.27	11.87