



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_40968
Title of the Manuscript:	Response of Maize Forage Yield and Quality to Nitrogen Fertilization and Harvest Time in Semi-arid Northwest China
Type of the Article	Original research papers

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>)



SDI Review Form 1.6

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)
Compulsory REVISION comments	Lines 7-9: - This study is was done to investigate... - Zea mays L. (Put in italics) - The experimental design was A a Complete Randomized Design with four treatments s ... - It was found out that N₃₀₀ treatment ...compared to N₀ N₀, N₁₀₀ N₁₀₀ and N₂₀₀ respectively - At a lesser magnitude, application of N₂₀₀ also ... to N₀ N₀. - From this study, N₃₀₀ N₃₀₀ treatment appear... - Keywords (maize forage yield) must be different from those present in the title. You can use a word instead of a compound word or a synonym. Line 15: Zea mays L. (Put in italics) Line 53: Annual accumulated temperature > 10 °C is 2239 °C.??? Experiments were made when? Lines 8-9: Field experiment was conducted in 2014, 2015 and 2016 cropping season Line 47: The field experiments were conducted in 2014 and 2015 Line 54: This article reports the experimental data for the 2014, 2015 and 2016 cropping seasons. Line 58: Figure 1. Fig. 1. Daily precipitation for 2014 (A), 2015 (B) and 2016 (C) cropping season (Put the title of the figure tin bold). What was your experimental device? Lines 8-9: The experimental design was A Complete Randomized Design Line 61: The experiment was a randomized complete block design with three replications Lines 73-74: The provenance (place of obtaining) of plant material used in this study was not mentioned. Line 80, 134-135, 137: (Ritchie et al., 1997), (Jasso–Chaverria et al., 2005), (Berenguer et al., 2009). According to the guidelines of the journal, the names of the authors in the text must be coded in numeral in the text and their correspondence written in the references. Theses references should be coded in order of appearance in the text. Line 95: 4mm 1 mm Line 126 : N₃₀₀ N₃₀₀ ... N₀ N₀ Lines 126-128 : N₃₀₀ N₃₀₀, N₀ N₀ Lines 130-132: The highest nitrogen application rate (N300) resulted in non–significantly higher number of leaves and plant height compared to the next highest N rate of N300.??? Line 137: Mae (1997) Line 139, 159, 195, 207: Effect of different nitrogen fertilization rate... Lines 139-141, 159-161, 172, 195-197, 207-209: The titles of tables as well as the first row of tables must be in bold. Put the letters as in the figures to differentiate the treatments. Line 155: to 120 to 120 Line 179: (Figure 2) (Fig. 2) Lines 185-187, 219-221: Figure 2. Fig. 2, Figure 3. Fig. 3. The titles of figures must be in	Thank you for the correction. Sentence has been changed to “the study was done to investigate.....”. See lines 7-9. Zea may has been italized. See line 7-9. Thank you for the correction. Sentence has been changed to “a randomised complete block design”. See lines 7-9 Formatting has been done accordingly. Keywords have been changed to : Maize, nitrogen rates, quality, time of harvest, yield Zea mays is in italics. It has been changed to>10°C is 2239°C..... Sentence has been changed to conducted in 2014, 2015 and 2016... Has been changed to “Fig.1. Daily precipitation for 2014 (A), 2015 (B) and 2016 (C) cropping season” Sentence has been changed to “...design was a randomised complete block design”. See line 8-9 Plant material was obtained from China Ritchie et al 1997 in the text has been changed to [14]. Jasso–Chaverria et al., 2005 has been deleted and Berenguer et al., 2009) has been changed to [18]. Formatting has been corrected Sentence has been changed to Mae [19]. Corrections has been effected. Has been changed to Fig. 2 and Fig. 3 and titles bolden. The sentence’ Figure with the same letters within the same days after sowing are not



SDI Review Form 1.6

	bold. You must add "the histograms with the same letters are not significantly different at the 5% threshold" or a similar sentence. Line 205: ~~N300 and N200~~ N₃₀₀ and N₂₀₀ Line 243: ~~has~~ had Line 259: This work has no prospects. The N300 rate was the highest dose tested. However, it is also the one recommended by the authors. This implies that there may be a higher dose than N300 inducing a better yield. In perspective the authors should for example realize another experiment with N0, N300, N300 + x, ...	significantly different' has been added. Formatting has been corrected. 'Has' changed to 'had' The sentence "The results derived from this study also provide a background dataset, which may be used to guide further research in N application rate above 300 kg ha⁻¹" has been added to the conclusion..
Minor REVISION comments	This article is fairly well written. English syntax errors have been detected in the text. Re-reading of the manuscript is recommended. This manuscript is recommended for minor revision.	
Optional/General comments		