

## Table of content

<b>NJAST 18_01.</b> Genetic Variability of Wild and Cultured Strains of the African Catfish ( <i>Clarias gariepinus</i> Burchell, 1822) from North East Nigeria, using Microsatellite Markers <i>Diyaware, M. Y., Suleiman, S. B., Alade, N. K and Popoola, O.M.</i> -	<b>1 - 9</b>
<b>NJAST 18_02.</b> Performance and Economics of Production of Broiler Chickens Fed Sorghum Sk-5912 Variety as Replacement for White Sorghum (Fara-Fara) <i>Lakurbe, O.A., Doma, U.D., Abubakar, M., Bello, K.M. and Tata, L.A.-</i>	<b>10 – 15</b>
<b>NJAST 18_03.</b> Genetic Polymorphism of IGF-1 Gene using PCR-RFLP Method in Three Nigerian Sheep Populations <i>Mohammed, A., Raji, A.O, Igwebuike, J.U.,Aliyu Alhaji Mohammed and Medugu, C.I.-</i>	<b>6 -21</b>
<b>NJAST 18_04.</b> Effect of Graded Levels of <i>Falldhabia albida</i> Leave Meal on Growth and Reproductive Indices of the Nile Tilapia ( <i>Oreochromis niloticus</i> , Linnaeus 1758) <i>Diyaware, M. Y.</i>	<b>22 – 30</b>
<b>NJAST 18_05.</b> Assessing the Nutritive Value of Some Common Tropical Feeds for Feeding Ruminants in a Semi-arid Environment of Nigeria <i>H.A. Modu-Kagu, A.I. Zarah, H.K. Abba-Aja and I.D. Mohammed</i> -	<b>31- 37</b>
<b>NJAST 18_06.</b> Effects of Soaking Periods on the Chemical Composition of Sickle Pod ( <i>Senna obtusifolia</i> linn) Leaves <i>Augustine, C., Igwebuike, J.U., Edward, A., Maxwel, H., Ahmed, M. and Malgwi, A.R</i>	<b>38 -42</b>
<b>NJAST 18_07.</b> Nutritive Value, Rumen Degradation and Microbial Characteristics of Some Tuber Peels and Leaves in a Semi-Arid area of Nigeria <i>L. G. Asheikh, F.I Abbator, I.D. Mohammed, J. U. Igwebuike, G. Mohammed and U. M. Kolo</i>	<b>43 - 47</b>
<b>NJAST 18_08.</b> Development of Multi-Mineral Blocks Using Local Feed ingredients in Semi-Arid Nigeria <i>Marte, A.M., Zarah, A.I., Modu-Kagu, H.A. and Mohammed, I.D.</i>	<b>48 - 53</b>
<b>NJAST 18_09.</b> Effects of Boiling Periods on the Chemical Composition of Sickle Pod ( <i>Senna obtusifolia</i> ) Leaves <i>Augustine, C., Igwebuike, J.U., Maxwel, H., Edward, A., Ahmed, M. and Medugu, C.I</i>	<b>54 - 59</b>
<b>NJAST 18_10.</b> Heritability Estimates of External Egg Characteristics of Japanese Quail Raised Under Semi-Arid Environment of Borno State, Nigeria <i>Abdulraheem, A. O., Alade, N.K., Aliyu, J, Raji, A.O. and Augustine, C.</i>	<b>60 – 66</b>
<b>NJAST 18_11.</b> Effects of Inclusion Levels of Tropical Legumes on Ensiling Quality of Irrigated <i>Andropogon gayanus</i> <i>S. L. Abdurrahaman, M. Dahiru, I. B. Salisu, I. A. Gumel, M. Y. Ahmad, and I. R. Muhammad</i>	<b>67 - 74</b>
<b>NJAST 18_12.</b> Analyses of Some Dairy Traits of Friesian and White Fulani cattle breeds and Their $F_1$ Crosses <i>Aliyu, J., Raji, A.O., Ibrahim, A.A. and I.M. Hassan</i>	<b>75 - 80</b>