

Table 3. Micro mineral proportion in ADF of grass and legume (%).

Forage species	Season	Zn	Fe	Mn	Cu	Se
Grass species						
<i>A. compressus</i>	Rainy	3.09	28.00	16.98	3.09	15.30
	Dry	5.54	34.50	19.75	2.04	26.87
	Se	*	**	*	*	***
<i>P. purpuphoides</i>	Rainy	3.95	32.76	6.79	0.97	30.56
	Dry	5.07	29.70	10.45	1.67	25.87
	Se	*	Ns	*	Ns	*
<i>P. maximum</i>	Rainy	1.03	41.40	1.05	2.25	55.87
	Dry	1.49	56.34	2.57	3.07	57.42
Legumes species						
<i>C. pubescens</i>	Se	*	**	Ns	Ns	*
	Rainy	1.65	37.37	4.08	1.41	30.45
	Dry	1.24	48.20	7.34	2.05	29.86
<i>C. mucunoides</i>	Se	*	**	**	Ns	Ns
	Rainy	4.12	16.90	29.34	3.02	8.40
	Dry	6.55	40.60	30.77	4.11	10.67
<i>L. leucocephala</i>	Se	*	***	*	Ns	**
	Rainy	2.28	55.90	8.40	2.75	34.80
	Dry	7.35	35.90	5.17	5.05	59.87
<i>A. mangium</i>	Se	*	***	*	*	***
	Rainy	2.81	31.34	9.16	2.05	25.98
	Dry	5.23	42.30	13.32	1.15	30.65
Mean of grasses	Overall	3.4	37.1	9.6	2.2	35.3
Sig. of effect	Species	***	*	***	*	***
	Season	**	Ns	Ns	Ns	**
	Species X Season	**	Ns	Ns	Ns	**
Mean of legumes	Overall	3.9	38.6	13.4	2.7	34.4
Sig. of effect	Species	**	**	***	**	***
	Season	***	Ns	*	Ns	***
	Species X Season	**	**	Ns	Ns	***
Grass X legume		Ns	Ns	**	Ns	*

Se: Season effect in rainy and dry seasons.

*** : P<0.001 ; ** : P<0.01 ; * : P<0.05 and Ns : not significant.

from 6.2 (*P. purpuphoides*) 26.3 % (*A. compressus*) and Se varied from 10.8 (*A. compressus*) to 20.1 % (*P. purpuphoides*), respectively. Data on legume forages showed that the lowest proportion of Zn, Fe,

Mn, Cu and Se in NDF during rainy season were 5.7 % in *C. pubescens*, 32.0 % in *C. mucunoides*, 3.2 % in *C. pubescens*, 10.3 % in *C. pubescens* and 9.2 % in *C. mucunoides* while the highest proportion were 42.0 %