Table. 1 Disappearance of dry matter and macro mineral at 0 hr incubation (%) of forages

Forage species	Season	DM	Ca	P	Mg	S
Grass :						
A. compressus	Rainy	12.5	5.8	40.4	4.4	20.2
	Dry	11.5	10.6	30.5	6.5	22.8
P. purpuphoides	Rainy	19.5	6.7	70.4	20.2	40.4
	Dry	18.6	8.9	57.5	22.2	41.5
P. maximum	Rainy	20.1	18.8	40.8	60.5	33.2
	Dry	19.3	10.9	27.4	50.5	30.5
Legumes :						
C. pubescens	Rainy	25.2	12.8	11.4	21.7	50.5
	Dry	20.1	18.8	10.4	20.9	45.6
C. mucunoides	Rainy	30.1	25.7	65.7	38.2	45.5
	Dry	29.4	24.6	40.5	40.5	20.2
L .leucocephala	Rainy	25.6	35.6	55.9	60.2	18.8
	Dry	27.5	30.4	40.5	50.9	15.5
A. mangium	Rainy	21.4	32.7	39.8	40.8	14.4
	Dry	29.5	24.7	41.2	39.8	14.2
	Grass	16.9^a	10.3^a	44.5^b	27.4^a	31.4^a
Mean :	Legume	26.1^b	25.6^b	38.2^a	39.2^b	28.1^a
Sig. of effect :	Species	**	***	***	***	***
Grass	Season	**	ns	**	***	*
	Spe. X Sea	**	**	**	***	*
Legume	Species	***	***	***	***	***
	Season	*	ns	**	***	***
	Spe. X Sea	**	***	***	***	**

a,b : values in the same row with different superscripts are significantly differ ($p<0.05$)

*** : $P<0.001$; ** : $P<0.01$; * : $P<0.05$ and Ns : Non significant

A. mangium (33.5%). As shown in Table 1, except for Ca, proportion of disappeared P, Mg and S of grass and legumes were greater than their DM disappearance. Within species of grass during rainy season, 5.8 % of Ca in *A. compressus* was disappeared at 0 hr incubation and 22.4 % in *P. maximum*. In dry season, disappeared of Ca varied from 8.9 (*P. purpuphoides*) to 21.5 % (*P. maximum*). The Ca disappearance of grass at 0 hr incubation was significantly lower ($P<0.05$) than that of legumes. Among the legumes, the highest Ca disappearance was occurred in *L. leucocephala* (37.6 % in rainy and 30.4 % in dry season), while the lowest was observed in *C. pubescens* (11.5 % in rainy and 9.5 % in dry season).