The organic additives in tropical pasture: effects *in vitro*

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The present work was to evaluate in vitro metabolic effects of Fator P® in potential and degradability rate of dry matter (DM) of forage of the *Urochloa brizantha* (syn. *Brachiaria brizantha*)

The Fator P® is the a blend of the compounds like aminoacids, choline, minerals, probiotics and essential fatty acids. The additive was evaluate in compared to control, during 72 hours of *the in vitro* experiment (0, 12, 24, 48, 72); Orskov e Mcdonald (1979) and France et al. (1993).

Soluble fraction (A), potentially fermentable insoluble fraction (B), non-degradable fraction (Fi), degradation rate (C), potential degradation (Dp) of dry matter of *Urochloa brizantha* (syn. *Brachiaria brizantha*) with organic additives

	A (%)	B (%)	Fi(%)	C(%/h)	Dp (%)
Organic additives	14,83	47,35	37,61	6,10	61,46
Control	14,83	40,67	44,51	5,45	50,31
p-value	1,00	<0,001	<0,001	0,54	<0,001
SEM	<0,001	0,68	0,67	0,55	0,94

Fator P ® was able to improve the potentially fermentable insoluble fraction and potential degradation of the B. brizantha using *in vitro* method