

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

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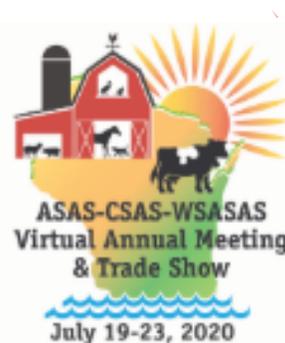
## The present work was to evaluate *in vitro* metabolic effects of Fator P<sup>®</sup> in potential and degradability rate of dry matter (DM) of forage of the *Urochloa brizantha* (syn. *Brachiaria brizantha*)

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



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**Paraíso**  
Nutrição Animal

PRESENTATION NUMBER: PSXII-15  
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